



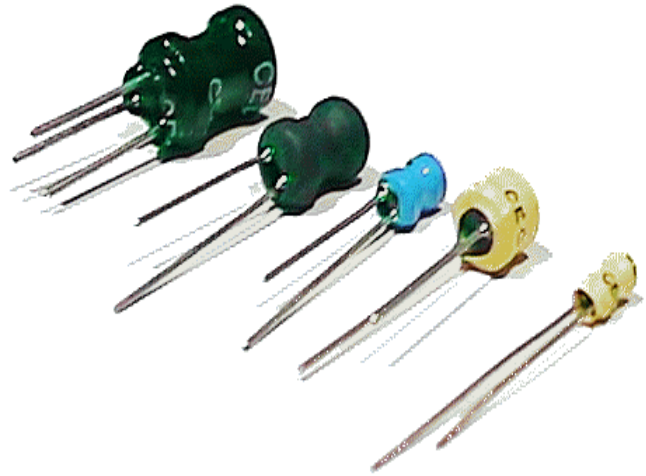
## RADIAL TYPE CHOKE COILS

### FEATURES

- I Contain high-frequency ferrite.
- I Comparatively large rated current.
- I Taping is also available which can be used in automated mounting lines.

### APPLICATIONS

- I Power supplies, DC-DC converters
- I TVs, VTRs, Telephones
- I Computers, Computer Peripherals,
- I Air-Conditioners, Home Electric Appliance
- I Electronic toys and games



### MATERIALS FOR CHOKE COILS

|  | Component   | Materials                          |
|--|-------------|------------------------------------|
|  | 1.Core      | Ferrite core                       |
|  | 2.Wire      | Polyurethane enameled copper wires |
|  | 3.Lead wire | Soldered copper wires              |
|  | 4.Tube      | Heat shrinkable tube, PVC or UL    |
|  | 5.Glue      | Epoxy resin                        |

### DIMENSION (mm)

|  | MODEL | A Max. | B max. | C min. | D min. | E   | F   | TABLE |
|--|-------|--------|--------|--------|--------|-----|-----|-------|
|  | CW34  | 4.0    | 6.0    | 10     | 15     | 0.5 | 1.3 | P.126 |
|  | CW45  | 5.0    | 7.0    | 10     | 15     | 0.6 | 2.0 | P.127 |
|  | CW57  | 7.0    | 8.5    | 10     | 15     | 0.6 | 2.5 | P.128 |
|  | CW65  | 6.8    | 7.5    | 10     | 15     | 0.6 | 3.0 | P.129 |
|  | CW68  | 7.5    | 10.0   | 10     | 15     | 0.6 | 3.0 | P.130 |
|  | CW77  | 8.0    | 9.0    | 10     | 15     | 0.6 | 4.5 | P.131 |
|  | CW8A  | 9.0    | 12     | 10     | 15     | 0.6 | 5   | P.132 |
|  | CW9B  | 10     | 13     | 10     | 15     | 0.8 | 5   | P.133 |
|  | CW9C  | 10     | 14     | 10     | 15     | 0.8 | 5   | P.134 |
|  | CWAA  | 11     | 12     | 10     | 15     | 0.8 | 6   | P.135 |
|  | CWAC  | 11     | 14     | 10     | 15     | 0.8 | 6   | P.136 |
|  | CWAG  | 11     | 18     | 10     | 15     | 0.8 | 6   | P.137 |
|  | CWCD  | 13     | 15     | 10     | 15     | 0.8 | 7.5 | P.138 |

※Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

Specification table of Radial type Choke Coils CW34 (H500-0068)

| PART No.  | STAMP | TURNS<br>(T)<br>Ref. | WIRE<br>(mm)<br>2UEW | INDUCTANCE<br>( $\mu$ H)<br>Within | UNLOADED<br>Q<br>Min. | D.C.R.<br>( $\Omega$ )<br>Max. | S.R.F.<br>(MHz)<br>Ref. | RATED CURRENT<br>(A) Max. |      |      |
|-----------|-------|----------------------|----------------------|------------------------------------|-----------------------|--------------------------------|-------------------------|---------------------------|------|------|
|           |       |                      |                      |                                    |                       |                                |                         | Idc1                      | Idc2 |      |
| CW34-1R0M | 1R0M  | 10½                  | φ0.18                | 1.0±20%                            | 75                    | 61m                            | 150                     | 2.1                       | 2.4  |      |
| CW34-1R2M | 1R2M  | 11½                  |                      | 1.2±20%                            | 70                    | 66m                            | 130                     | 1.8                       | 2.2  |      |
| CW34-1R5M | 1R5M  | 12½                  |                      | 1.5±20%                            |                       | 72m                            | 110                     | 1.7                       | 2.0  |      |
| CW34-1R8M | 1R8M  | 13½                  |                      | 1.8±20%                            | 65                    | 78m                            | 100                     | 1.6                       | 1.9  |      |
| CW34-2R2M | 2R2M  | 15½                  |                      | 2.2±20%                            |                       | 91m                            | 75                      | 1.4                       | 1.7  |      |
| CW34-2R7M | 2R7M  | 16½                  | 2.7±20%              | 60                                 |                       | 0.10                           | 65                      | 1.3                       | 1.6  |      |
| CW34-3R3M | 3R3M  | 18½                  | 3.3±20%              |                                    | 0.11                  | 50                             | 1.2                     | 1.5                       |      |      |
| CW34-3R9M | 3R9M  | 20½                  | φ0.16                | 3.9±20%                            | 55                    | 0.14                           | 48                      | 1.0                       | 1.4  |      |
| CW34-4R7M | 4R7M  | 22½                  |                      | 4.7±20%                            |                       | 0.16                           | 45                      | 0.95                      | 1.3  |      |
| CW34-5R6M | 5R6M  | 24½                  | 5.6±20%              | 60                                 |                       | 0.18                           | 40                      | 0.88                      | 1.2  |      |
| CW34-6R8M | 6R8M  | 26½                  | 6.8±20%              |                                    | 0.21                  | 34                             | 0.80                    | 1.1                       |      |      |
| CW34-8R2M | 8R2M  | 29½                  | φ0.15                | 8.2±20%                            | 40                    | 0.24                           | 30                      | 0.75                      | 1.0  |      |
| CW34-100K | 100K  | 31½                  |                      | 10±10%                             |                       | 0.25                           | 27                      | 0.70                      | 0.90 |      |
| CW34-120K | 120K  | 34½                  | φ0.14                | 12±10%                             |                       | 40                             | 0.31                    | 25                        | 0.62 | 0.85 |
| CW34-150K | 150K  | 39½                  |                      | 15±10%                             | 0.36                  |                                | 23                      | 0.56                      | 0.73 |      |
| CW34-180K | 180K  | 42½                  | φ0.13                | 18±10%                             | 40                    |                                | 0.46                    | 21                        | 0.52 | 0.72 |
| CW34-220K | 220K  | 47½                  |                      | 22±10%                             |                       | 0.53                           | 18                      | 0.48                      | 0.66 |      |
| CW34-270K | 270K  | 52½                  | φ0.12                | 27±10%                             |                       | 20                             | 0.65                    | 16                        | 0.42 | 0.63 |
| CW34-330K | 330K  | 58½                  | φ0.11                | 33±10%                             | 20                    |                                | 0.90                    | 15                        | 0.38 | 0.57 |
| CW34-390K | 390K  | 62½                  |                      | 39±10%                             |                       |                                | 1.0                     | 14                        | 0.36 | 0.50 |
| CW34-470K | 470K  | 57½                  | φ0.11                | 47±10%                             |                       | 20                             | 0.9                     | 13                        | 0.34 | 0.43 |
| CW34-560K | 560K  | 62½                  |                      | 56±10%                             | 1.0                   |                                | 12                      | 0.30                      | 0.38 |      |
| CW34-680K | 680K  | 68½                  | φ0.10                | 68±10%                             | 40                    |                                | 1.1                     | 11                        | 0.28 | 0.35 |
| CW34-820K | 820K  | 75½                  |                      | 82±10%                             |                       | 1.3                            | 10                      | 0.26                      | 0.32 |      |
| CW34-101K | 101K  | 83½                  | φ0.10                | 100±10%                            |                       | 40                             | 1.4                     | 8.7                       | 0.23 | 0.30 |
| CW34-121K | 121K  | 91½                  |                      | 120±10%                            | 1.9                   |                                | 8.2                     | 0.22                      | 0.26 |      |
| CW34-151K | 151K  | 102½                 | φ0.09                | 150±10%                            | 45                    |                                | 2.3                     | 7.0                       | 0.19 | 0.24 |
| CW34-181K | 181K  | 112½                 |                      | 180±10%                            |                       | 2.5                            | 6.5                     | 0.18                      | 0.22 |      |
| CW34-221K | 221K  | 122½                 | φ0.08                | 220±10%                            |                       | 50                             | 3.4                     | 5.5                       | 0.16 | 0.20 |
| CW34-271K | 271K  | 137½                 |                      | 270±10%                            | 3.8                   |                                | 5.0                     | 0.14                      | 0.18 |      |
| CW34-331K | 331K  | 150½                 | φ0.07                | 330±10%                            | 55                    |                                | 5.4                     | 4.5                       | 0.12 | 0.16 |
| CW34-391K | 391K  | 164½                 |                      | 390±10%                            |                       | 6.0                            | 4.2                     | 0.11                      | 0.14 |      |
| CW34-471K | 471K  | 180½                 | φ0.06                | 470±10%                            |                       | 55                             | 6.8                     | 3.8                       | 0.10 | 0.13 |
| CW34-561K | 561K  | 195½                 |                      | 560±10%                            | 9.4                   |                                | 3.1                     | 95m                       | 0.12 |      |
| CW34-681K | 681K  | 215½                 | φ0.06                | 680±10%                            | 50                    |                                | 10                      | 2.9                       | 80m  | 0.10 |
| CW34-821K | 821K  | 234½                 |                      | 820±10%                            |                       | 16                             | 2.8                     | 75m                       | 85m  |      |
| CW34-102K | 102K  | 260½                 | φ0.05                | 1000±10%                           |                       | 50                             | 18                      | 2.6                       | 70m  | 80m  |
| CW34-122K | 122K  | 285½                 |                      | 1200±10%                           | 20                    |                                | 2.4                     | 65m                       | 75m  |      |
| CW34-152K | 152K  | 315½                 | φ0.04                | 1500±10%                           | 45                    |                                | 32                      | 1.8                       | 55m  | 60m  |
| CW34-182K | 182K  | 345½                 |                      | 1800±10%                           |                       | 36                             | 1.7                     | 50m                       | 55m  |      |
| CW34-222K | 222K  | 380½                 | φ0.03                | 2200±10%                           |                       | 30                             | 66                      | 1.5                       | 45m  | 40m  |
| CW34-272K | 272K  | 420½                 |                      | 2700±10%                           | 72                    |                                | 1.4                     | 40m                       | 35m  |      |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

### Specification table of Radial type Choke Coils CW45 (H500-0039)

| PART No.  | STAMP | INDUCTANCE<br>WITHIN<br>( $\mu$ H) | UNLOADED<br>Q<br>Min. | D.C.R.<br>( $\Omega$ )<br>Max. | RATED CURRENT<br>(A) Max. |       | S.R.F<br>Ref.<br>(MHz) |    |
|-----------|-------|------------------------------------|-----------------------|--------------------------------|---------------------------|-------|------------------------|----|
|           |       |                                    |                       |                                | Idc 1                     | Idc 2 |                        |    |
| CW45-1R0M | 1R0M  | 1.0 $\pm$ 20%                      | 20                    | 30.6m                          | 4.4                       | 3.2   | 210                    |    |
| CW45-1R2M | 1R2M  | 1.2 $\pm$ 20%                      |                       | 34.2m                          | 4.1                       | 3.0   | 180                    |    |
| CW45-1R5M | 1R5M  | 1.5 $\pm$ 20%                      |                       | 38.4m                          | 3.8                       | 2.7   | 154                    |    |
| CW45-2R2M | 2R2M  | 2.2 $\pm$ 20%                      |                       | 43.6m                          | 3.4                       | 2.5   | 125                    |    |
| CW45-2R7M | 2R7M  | 2.7 $\pm$ 20%                      |                       | 47.6m                          | 3.0                       | 2.4   | 100                    |    |
| CW45-3R3M | 3R3M  | 3.3 $\pm$ 20%                      |                       | 57.6m                          | 2.6                       | 2.1   | 63                     |    |
| CW45-3R9M | 3R9M  | 3.9 $\pm$ 20%                      |                       | 73.5m                          | 2.4                       | 2.0   | 58                     |    |
| CW45-4R7M | 4R7M  | 4.7 $\pm$ 20%                      |                       | 78.7m                          | 2.2                       | 1.7   | 48                     |    |
| CW45-5R6M | 5R6M  | 5.6 $\pm$ 20%                      |                       | 84.5m                          | 2.1                       | 1.6   | 40                     |    |
| CW45-6R8M | 6R8M  | 6.8 $\pm$ 20%                      |                       | 97.0m                          | 1.9                       | 1.5   | 35                     |    |
| CW45-8R2M | 8R2M  | 8.2 $\pm$ 20%                      |                       | 0.11                           | 1.7                       | 1.4   | 34                     |    |
| CW45-100K | 100K  | 10 $\pm$ 10%                       |                       | 35                             | 0.13                      | 1.6   | 1.3                    | 31 |
| CW45-120K | 120K  | 12 $\pm$ 10%                       |                       |                                | 0.14                      | 1.4   | 1.2                    | 26 |
| CW45-150K | 150K  | 15 $\pm$ 10%                       | 29                    | 0.18                           | 1.3                       | 1.1   | 25                     |    |
| CW45-180K | 180K  | 18 $\pm$ 10%                       |                       | 0.19                           | 1.2                       | 1.0   | 23                     |    |
| CW45-220K | 220K  | 22 $\pm$ 10%                       |                       | 0.21                           | 1.1                       | 0.92  | 21                     |    |
| CW45-270K | 270K  | 27 $\pm$ 10%                       |                       | 0.30                           | 0.98                      | 0.80  | 18                     |    |
| CW45-330K | 330K  | 33 $\pm$ 10%                       | 25                    | 0.35                           | 0.88                      | 0.76  | 16                     |    |
| CW45-390K | 390K  | 39 $\pm$ 10%                       |                       | 0.41                           | 0.80                      | 0.72  | 14                     |    |
| CW45-470K | 470K  | 47 $\pm$ 10%                       |                       | 0.46                           | 0.74                      | 0.64  | 13                     |    |
| CW45-560K | 560K  | 56 $\pm$ 10%                       | 23                    | 0.58                           | 0.65                      | 0.58  | 11                     |    |
| CW45-680K | 680K  | 68 $\pm$ 10%                       |                       | 0.64                           | 0.60                      | 0.52  | 10                     |    |
| CW45-820K | 820K  | 82 $\pm$ 10%                       | 33                    | 0.78                           | 0.56                      | 0.48  | 9.60                   |    |
| CW45-101K | 101K  | 100 $\pm$ 10%                      |                       | 0.90                           | 0.50                      | 0.46  | 8.67                   |    |
| CW45-121K | 121K  | 120 $\pm$ 10%                      |                       | 1.15                           | 0.45                      | 0.42  | 7.65                   |    |
| CW45-151K | 151K  | 150 $\pm$ 10%                      | 50                    | 1.22                           | 0.42                      | 0.38  | 7.10                   |    |
| CW45-181K | 181K  | 180 $\pm$ 10%                      |                       | 1.56                           | 0.38                      | 0.34  | 6.83                   |    |
| CW45-221K | 221K  | 220 $\pm$ 10%                      |                       | 2.04                           | 0.34                      | 0.28  | 6.07                   |    |
| CW45-271K | 271K  | 270 $\pm$ 10%                      | 72                    | 2.65                           | 0.30                      | 0.24  | 5.03                   |    |
| CW45-331K | 331K  | 330 $\pm$ 10%                      |                       | 3.48                           | 0.27                      | 0.22  | 4.58                   |    |
| CW45-391K | 391K  | 390 $\pm$ 10%                      |                       | 3.84                           | 0.25                      | 0.19  | 4.32                   |    |
| CW45-471K | 471K  | 470 $\pm$ 10%                      |                       | 5.05                           | 0.23                      | 0.18  | 3.68                   |    |
| CW45-561K | 561K  | 560 $\pm$ 10%                      |                       | 5.64                           | 0.22                      | 0.17  | 3.37                   |    |
| CW45-681K | 681K  | 680 $\pm$ 10%                      |                       | 6.24                           | 0.19                      | 0.15  | 3.13                   |    |
| CW45-821K | 821K  | 820 $\pm$ 10%                      |                       | 9.24                           | 0.18                      | 0.14  | 2.85                   |    |
| CW45-102K | 102K  | 1000 $\pm$ 10%                     | 10.6                  | 0.16                           | 0.12                      | 2.55  |                        |    |
| CW45-122K | 122K  | 1200 $\pm$ 10%                     | 65                    | 11.8                           | 0.14                      | 0.11  | 2.25                   |    |
| CW45-152K | 152K  | 1500 $\pm$ 10%                     |                       | 16.6                           | 0.13                      | 0.10  | 2.09                   |    |
| CW45-182K | 182K  | 1800 $\pm$ 10%                     |                       | 18.6                           | 0.12                      | 90m   | 1.95                   |    |
| CW45-222K | 222K  | 2200 $\pm$ 10%                     |                       | 21.4                           | 0.11                      | 80m   | 1.81                   |    |
| CW45-272K | 272K  | 2700 $\pm$ 10%                     |                       | 31.2                           | 0.10                      | 70m   | 1.49                   |    |
| CW45-332K | 332K  | 3300 $\pm$ 10%                     |                       | 36.0                           | 90m                       | 65m   | 1.40                   |    |
| CW45-392K | 392K  | 3900 $\pm$ 10%                     |                       | 39.7                           | 80m                       | 60m   | 1.30                   |    |
| CW45-472K | 472K  | 4700 $\pm$ 10%                     | 61.2                  | 75m                            | 55m                       | 1.05  |                        |    |
| CW45-562K | 562K  | 5600 $\pm$ 10%                     | 33                    | 68.4                           | 65m                       | 50m   | 0.98                   |    |
| CW45-682K | 682K  | 6800 $\pm$ 10%                     |                       | 78.1                           | 60m                       | 45m   | 0.93                   |    |
| CW45-822K | 822K  | 8200 $\pm$ 10%                     |                       | 89.5                           | 55m                       | 40m   | 0.86                   |    |
| CW45-103K | 103K  | 10000 $\pm$ 10%                    |                       | 100                            | 50m                       | 35m   | 0.80                   |    |

※ Specifications other than the above will be furnished upon request.



# RADIAL TYPE CHOKE COILS

**Specification table of Radial type Choke Coils CW57 (H500-0038)**

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>WITHIN | UNLOADED<br>Q<br>Min. | D.C.R.<br>Max.<br>( $\Omega$ ) | RATED<br>CURRENT<br>Max.(A) |       | S.R.F<br>Ref.<br>(MHz) |
|-----------|-------|------------------------------------|-----------------------|--------------------------------|-----------------------------|-------|------------------------|
|           |       |                                    |                       |                                | Idc 1                       | Idc 2 |                        |
| CW57-1R0M | 1R0M  | 1.0 $\pm$ 20%                      | 85                    | 13.0m                          | 5.6                         | 6.5   | 180                    |
| CW57-1R2M | 1R2M  | 1.2 $\pm$ 20%                      | 95                    | 15.0m                          | 4.8                         | 5.0   | 160                    |
| CW57-1R5M | 1R5M  | 1.5 $\pm$ 20%                      | 110                   | 16.5m                          | 4.2                         | 4.5   | 140                    |
| CW57-1R8M | 1R8M  | 1.8 $\pm$ 20%                      |                       | 18.5m                          | 3.8                         | 4.0   | 120                    |
| CW57-2R2M | 2R2M  | 2.2 $\pm$ 20%                      | 100                   | 20.5m                          | 3.4                         | 3.6   | 95                     |
| CW57-2R7M | 2R7M  | 2.7 $\pm$ 20%                      | 90                    | 24.5m                          | 3.2                         | 3.4   | 80                     |
| CW57-3R3M | 3R3M  | 3.3 $\pm$ 20%                      |                       | 26.5m                          | 3.0                         | 3.2   | 70                     |
| CW57-3R9M | 3R9M  | 3.9 $\pm$ 20%                      |                       | 30.5m                          | 2.6                         | 3.0   | 45                     |
| CW57-4R7M | 4R7M  | 4.7 $\pm$ 20%                      |                       | 36.5m                          | 2.3                         | 2.8   | 40                     |
| CW57-5R6M | 5R6M  | 5.6 $\pm$ 20%                      | 85                    | 41.5m                          | 2.1                         | 2.6   | 33                     |
| CW57-6R8M | 6R8M  | 6.8 $\pm$ 20%                      |                       | 48.5m                          | 1.9                         | 2.4   | 30                     |
| CW57-8R2M | 8R2M  | 8.2 $\pm$ 20%                      |                       | 60.0m                          | 1.8                         | 2.2   | 28                     |
| CW57-100K | 100K  | 10 $\pm$ 10%                       | 65                    | 65.0m                          | 1.7                         | 2.0   | 25                     |
| CW57-120K | 120K  | 12 $\pm$ 10%                       |                       | 81.5m                          | 1.5                         | 1.8   | 22                     |
| CW57-150K | 150K  | 15 $\pm$ 10%                       | 60                    | 97.5m                          | 1.3                         | 1.6   | 20                     |
| CW57-180K | 180K  | 18 $\pm$ 10%                       |                       | 0.11                           | 1.2                         | 1.5   | 17                     |
| CW57-220K | 220K  | 22 $\pm$ 10%                       |                       | 0.13                           | 1.0                         | 1.4   | 15                     |
| CW57-270K | 270K  | 27 $\pm$ 10%                       |                       | 0.15                           | 0.95                        | 1.2   | 14                     |
| CW57-330K | 330K  | 33 $\pm$ 10%                       | 45                    | 0.16                           | 0.88                        | 1.0   | 12                     |
| CW57-390K | 390K  | 39 $\pm$ 10%                       |                       | 0.21                           | 0.80                        | 0.95  | 11                     |
| CW57-470K | 470K  | 47 $\pm$ 10%                       |                       | 0.25                           | 0.75                        | 0.85  | 10                     |
| CW57-560K | 560K  | 56 $\pm$ 10%                       | 40                    | 0.33                           | 0.70                        | 0.75  | 9.0                    |
| CW57-680K | 680K  | 68 $\pm$ 10%                       |                       | 0.41                           | 0.62                        | 0.62  | 7.5                    |
| CW57-820K | 820K  | 82 $\pm$ 10%                       | 30                    | 0.46                           | 0.58                        | 0.55  | 6.8                    |
| CW57-101K | 101K  | 100 $\pm$ 10%                      | 20                    | 0.38                           | 0.40                        | 0.82  | 6.5                    |
| CW57-121K | 121K  | 120 $\pm$ 10%                      |                       | 0.43                           | 0.38                        | 0.80  | 6.2                    |
| CW57-151K | 151K  | 150 $\pm$ 10%                      |                       | 0.55                           | 0.33                        | 0.66  | 5.4                    |
| CW57-181K | 181K  | 180 $\pm$ 10%                      |                       | 0.63                           | 0.31                        | 0.60  | 5.2                    |
| CW57-221K | 221K  | 220 $\pm$ 10%                      | 15                    | 0.73                           | 0.28                        | 0.57  | 4.7                    |
| CW57-271K | 271K  | 270 $\pm$ 10%                      |                       | 0.88                           | 0.26                        | 0.54  | 4.3                    |
| CW57-331K | 331K  | 330 $\pm$ 10%                      |                       | 1.10                           | 0.22                        | 0.50  | 4.0                    |
| CW57-391K | 391K  | 390 $\pm$ 10%                      | 25                    | 1.4                            | 0.20                        | 0.40  | 3.5                    |
| CW57-471K | 471K  | 470 $\pm$ 10%                      |                       | 1.7                            | 0.18                        | 0.36  | 3.1                    |
| CW57-561K | 561K  | 560 $\pm$ 10%                      |                       | 2.0                            | 0.17                        | 0.34  | 2.6                    |
| CW57-681K | 681K  | 680 $\pm$ 10%                      |                       | 2.3                            | 0.15                        | 0.32  | 2.4                    |
| CW57-821K | 821K  | 820 $\pm$ 10%                      |                       | 2.6                            | 0.14                        | 0.30  | 2.2                    |
| CW57-102K | 102K  | 1000 $\pm$ 10%                     | 60                    | 3.2                            | 0.13                        | 0.26  | 2.2                    |
| CW57-122K | 122K  | 1200 $\pm$ 10%                     | 70                    | 4.2                            | 0.12                        | 0.23  | 1.9                    |
| CW57-152K | 152K  | 1500 $\pm$ 10%                     |                       | 5.2                            | 0.11                        | 0.20  | 1.7                    |
| CW57-182K | 182K  | 1800 $\pm$ 10%                     | 90                    | 6.8                            | 0.10                        | 0.17  | 1.6                    |
| CW57-222K | 222K  | 2200 $\pm$ 10%                     |                       | 7.9                            | 90m                         | 0.16  | 1.5                    |
| CW57-272K | 272K  | 2700 $\pm$ 10%                     |                       | 9.8                            | 80m                         | 0.14  | 1.3                    |
| CW57-332K | 332K  | 3300 $\pm$ 10%                     |                       | 12                             | 70m                         | 0.13  | 1.2                    |
| CW57-392K | 392K  | 3900 $\pm$ 10%                     |                       | 15                             | 65m                         | 0.12  | 1.1                    |
| CW57-472K | 472K  | 4700 $\pm$ 10%                     |                       | 17                             | 55m                         | 0.11  | 1.0                    |
| CW57-562K | 562K  | 5600 $\pm$ 10%                     |                       | 70                             | 22                          | 52m   | 0.10                   |
| CW57-682K | 682K  | 6800 $\pm$ 10%                     | 65                    | 25                             | 48m                         | 90m   | 0.76                   |
| CW57-822K | 822K  | 8200 $\pm$ 10%                     |                       | 29                             | 44m                         | 88m   | 0.71                   |
| CW57-103K | 103K  | 10000 $\pm$ 10%                    | 70                    | 33                             | 40m                         | 83m   | 0.65                   |
| CW57-123K | 123K  | 12000 $\pm$ 10%                    |                       | 44                             | 36m                         | 70m   | 0.55                   |
| CW57-153K | 153K  | 15000 $\pm$ 10%                    |                       | 52                             | 32m                         | 66m   | 0.51                   |
| CW57-183K | 183K  | 18000 $\pm$ 10%                    | 65                    | 69                             | 28m                         | 55m   | 0.44                   |
| CW57-223K | 223K  | 22000 $\pm$ 10%                    |                       | 80                             | 26m                         | 52m   | 0.40                   |
| CW57-273K | 273K  | 27000 $\pm$ 10%                    | 70                    | 94                             | 22m                         | 48m   | 0.37                   |
| CW57-333K | 333K  | 33000 $\pm$ 10%                    | 60                    | 138                            | 20m                         | 40m   | 0.36                   |
| CW57-393K | 393K  | 39000 $\pm$ 10%                    |                       | 156                            | 18m                         | 35m   | 0.34                   |
| CW57-473K | 473K  | 47000 $\pm$ 10%                    |                       | 178                            | 16m                         | 30m   | 0.31                   |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

Specification table of Radial type Choke Coils CW65 (H500-0042)

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>WITHIN | UNLOADED<br>Q<br>Min. | D.C.R.<br>Max.<br>( $\Omega$ ) | RATED<br>CURRENT<br>Max.(A) |       | S.R.F<br>Ref.<br>(MHz) |
|-----------|-------|------------------------------------|-----------------------|--------------------------------|-----------------------------|-------|------------------------|
|           |       |                                    |                       |                                | Idc 1                       | Idc 2 |                        |
| CW65-1R2M | 1R2M  | 1.2 $\pm$ 20%                      | 20                    | 15.0m                          | 5.3                         | 5.0   | 125                    |
| CW65-1R5M | 1R5M  | 1.5 $\pm$ 20%                      |                       | 17.8m                          | 4.9                         | 4.3   | 95                     |
| CW65-2R2M | 2R2M  | 2.2 $\pm$ 20%                      |                       | 20.8m                          | 4.5                         | 4.0   | 90                     |
| CW65-2R7M | 2R7M  | 2.7 $\pm$ 20%                      |                       | 23.7m                          | 4.0                         | 3.8   | 75                     |
| CW65-3R3M | 3R3M  | 3.3 $\pm$ 20%                      |                       | 30.0m                          | 3.5                         | 3.4   | 69                     |
| CW65-3R9M | 3R9M  | 3.9 $\pm$ 20%                      |                       | 32.0m                          | 3.3                         | 3.1   | 61                     |
| CW65-4R7M | 4R7M  | 4.7 $\pm$ 20%                      |                       | 34.2m                          | 3.0                         | 2.6   | 53                     |
| CW65-5R6M | 5R6M  | 5.6 $\pm$ 20%                      |                       | 44.5m                          | 2.7                         | 2.6   | 32                     |
| CW65-6R8M | 6R8M  | 6.8 $\pm$ 20%                      |                       | 48.0m                          | 2.5                         | 2.5   | 44                     |
| CW65-8R2M | 8R2M  | 8.2 $\pm$ 20%                      |                       | 60.2m                          | 2.2                         | 2.3   | 39                     |
| CW65-100K | 100K  | 10 $\pm$ 10%                       |                       | 26                             | 73.5m                       | 2.0   | 2.0                    |
| CW65-120K | 120K  | 12 $\pm$ 10%                       | 83.2m                 |                                | 1.9                         | 1.7   | 32                     |
| CW65-150K | 150K  | 15 $\pm$ 10%                       | 0.11                  |                                | 1.7                         | 1.7   | 27                     |
| CW65-180K | 180K  | 18 $\pm$ 10%                       | 0.13                  |                                | 1.5                         | 1.5   | 24                     |
| CW65-220K | 220K  | 22 $\pm$ 10%                       | 23                    | 0.15                           | 1.4                         | 1.4   | 22                     |
| CW65-270K | 270K  | 27 $\pm$ 10%                       |                       | 0.18                           | 1.2                         | 1.3   | 20                     |
| CW65-330K | 330K  | 33 $\pm$ 10%                       |                       | 0.23                           | 1.1                         | 1.1   | 17                     |
| CW65-390K | 390K  | 39 $\pm$ 10%                       |                       | 0.26                           | 1.0                         | 1.0   | 16                     |
| CW65-470K | 470K  | 47 $\pm$ 10%                       | 18                    | 0.30                           | 0.95                        | 0.96  | 15                     |
| CW65-560K | 560K  | 56 $\pm$ 10%                       |                       | 0.35                           | 0.85                        | 0.90  | 13                     |
| CW65-680K | 680K  | 68 $\pm$ 10%                       |                       | 0.41                           | 0.80                        | 0.78  | 12                     |
| CW65-820K | 820K  | 82 $\pm$ 10%                       |                       | 0.55                           | 0.72                        | 0.68  | 11                     |
| CW65-101K | 101K  | 100 $\pm$ 10%                      |                       | 0.63                           | 0.65                        | 0.63  | 10                     |
| CW65-121K | 121K  | 120 $\pm$ 10%                      |                       | 0.75                           | 0.60                        | 0.58  | 9.1                    |
| CW65-151K | 151K  | 150 $\pm$ 10%                      |                       | 0.90                           | 0.54                        | 0.53  | 8.2                    |
| CW65-181K | 181K  | 180 $\pm$ 10%                      | 20                    | 1.1                            | 0.48                        | 0.48  | 6.7                    |
| CW65-221K | 221K  | 220 $\pm$ 10%                      |                       | 1.2                            | 0.44                        | 0.44  | 6.2                    |
| CW65-271K | 271K  | 270 $\pm$ 10%                      |                       | 1.6                            | 0.40                        | 0.39  | 6.0                    |
| CW65-331K | 331K  | 330 $\pm$ 10%                      | 23                    | 2.0                            | 0.36                        | 0.35  | 5.2                    |
| CW65-391K | 391K  | 390 $\pm$ 10%                      |                       | 2.2                            | 0.34                        | 0.34  | 4.8                    |
| CW65-471K | 471K  | 470 $\pm$ 10%                      |                       | 2.8                            | 0.30                        | 0.30  | 4.9                    |
| CW65-561K | 561K  | 560 $\pm$ 10%                      |                       | 3.6                            | 0.28                        | 0.26  | 4.2                    |
| CW65-681K | 681K  | 680 $\pm$ 10%                      | 36                    | 4.3                            | 0.26                        | 0.24  | 3.7                    |
| CW65-821K | 821K  | 820 $\pm$ 10%                      |                       | 4.9                            | 0.23                        | 0.22  | 3.4                    |
| CW65-102K | 102K  | 1000 $\pm$ 10%                     | 78                    | 6.5                            | 0.21                        | 0.19  | 3.0                    |
| CW65-122K | 122K  | 1200 $\pm$ 10%                     |                       | 7.3                            | 0.19                        | 0.18  | 2.8                    |
| CW65-152K | 152K  | 1500 $\pm$ 10%                     |                       | 9.8                            | 0.18                        | 0.15  | 2.4                    |
| CW65-182K | 182K  | 1800 $\pm$ 10%                     |                       | 11                             | 0.15                        | 0.14  | 2.2                    |
| CW65-222K | 222K  | 2200 $\pm$ 10%                     |                       | 13                             | 0.14                        | 0.13  | 2.0                    |
| CW65-272K | 272K  | 2700 $\pm$ 10%                     |                       | 18                             | 0.12                        | 0.11  | 1.8                    |
| CW65-332K | 332K  | 3300 $\pm$ 10%                     |                       | 20                             | 0.11                        | 0.10  | 1.6                    |
| CW65-392K | 392K  | 3900 $\pm$ 10%                     |                       | 27                             | 0.10                        | 90m   | 1.4                    |
| CW65-472K | 472K  | 4700 $\pm$ 10%                     |                       | 30                             | 90m                         | 80m   | 1.3                    |
| CW65-562K | 562K  | 5600 $\pm$ 10%                     |                       | 35                             | 85m                         | 75m   | 1.2                    |
| CW65-682K | 682K  | 6800 $\pm$ 10%                     |                       | 40                             | 80m                         | 70m   | 1.1                    |
| CW65-822K | 822K  | 8200 $\pm$ 10%                     |                       | 61                             | 70m                         | 60m   | 0.99                   |
| CW65-103K | 103K  | 10000 $\pm$ 10%                    |                       | 46                             | 69                          | 65m   | 55m                    |
| CW65-123K | 123K  | 12000 $\pm$ 10%                    | 80                    |                                | 55m                         | 50m   | 0.85                   |
| CW65-153K | 153K  | 15000 $\pm$ 10%                    | 92                    |                                | 50m                         | 45m   | 0.78                   |

※ Specifications other than the above will be furnished upon request.

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# RADIAL TYPE CHOKE COILS

## Specification table of Radial type Choke Coils CW68 (H500-0034)

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>WITHIN | UNLOADED<br>Q<br>Min. | D.C.R.<br>( $\Omega$ )<br>Max. | RATED CURRENT<br>(A) Max. |       | S.R.F. Ref.<br>(MHz) |    |
|-----------|-------|------------------------------------|-----------------------|--------------------------------|---------------------------|-------|----------------------|----|
|           |       |                                    |                       |                                | Idc 1                     | Idc 2 |                      |    |
| CW68-1R0M | 1R0M  | 1.0 $\pm$ 20%                      | 15                    | 8.6m                           | 6.2                       | 7.3   | 188                  |    |
| CW68-1R2M | 1R2M  | 1.2 $\pm$ 20%                      |                       | 10.0m                          | 5.2                       | 6.6   | 172                  |    |
| CW68-1R5M | 1R5M  | 1.5 $\pm$ 20%                      |                       | 13.2m                          | 4.8                       | 5.7   | 145                  |    |
| CW68-2R2M | 2R2M  | 2.2 $\pm$ 20%                      |                       | 14.7m                          | 4.1                       | 5.7   | 115                  |    |
| CW68-2R7M | 2R7M  | 2.7 $\pm$ 20%                      |                       | 16.5m                          | 3.8                       | 5.0   | 98                   |    |
| CW68-3R3M | 3R3M  | 3.3 $\pm$ 20%                      |                       | 18.5m                          | 3.5                       | 4.9   | 78                   |    |
| CW68-3R9M | 3R9M  | 3.9 $\pm$ 20%                      |                       | 20.0m                          | 3.2                       | 4.5   | 60                   |    |
| CW68-4R7M | 4R7M  | 4.7 $\pm$ 20%                      |                       | 21.7m                          | 2.9                       | 4.0   | 47                   |    |
| CW68-5R6M | 5R6M  | 5.6 $\pm$ 20%                      |                       | 25.0m                          | 2.5                       | 3.7   | 32                   |    |
| CW68-6R8M | 6R8M  | 6.8 $\pm$ 20%                      |                       | 32.2m                          | 2.3                       | 3.2   | 30                   |    |
| CW68-8R2M | 8R2M  | 8.2 $\pm$ 20%                      |                       | 37.7m                          | 2.1                       | 3.0   | 26                   |    |
| CW68-100K | 100K  | 10 $\pm$ 10%                       |                       | 50                             | 40.7m                     | 2.0   | 2.9                  | 25 |
| CW68-120K | 120K  | 12 $\pm$ 10%                       |                       |                                | 46.0m                     | 1.7   | 2.6                  | 23 |
| CW68-150K | 150K  | 15 $\pm$ 10%                       | 53.0m                 |                                | 1.6                       | 2.5   | 20                   |    |
| CW68-180K | 180K  | 18 $\pm$ 10%                       | 40                    | 58.2m                          | 1.4                       | 2.4   | 18                   |    |
| CW68-220K | 220K  | 22 $\pm$ 10%                       |                       | 66.7m                          | 1.3                       | 2.2   | 17                   |    |
| CW68-270K | 270K  | 27 $\pm$ 10%                       |                       | 77.0m                          | 1.2                       | 2.1   | 15                   |    |
| CW68-330K | 330K  | 33 $\pm$ 10%                       |                       | 0.10                           | 1.0                       | 1.8   | 13                   |    |
| CW68-390K | 390K  | 39 $\pm$ 10%                       | 35                    | 0.11                           | 0.96                      | 1.6   | 12                   |    |
| CW68-470K | 470K  | 47 $\pm$ 10%                       |                       | 0.14                           | 0.88                      | 1.4   | 11                   |    |
| CW68-560K | 560K  | 56 $\pm$ 10%                       | 30                    | 0.16                           | 0.80                      | 1.3   | 9.6                  |    |
| CW68-680K | 680K  | 68 $\pm$ 10%                       |                       | 0.20                           | 0.77                      | 1.2   | 8.5                  |    |
| CW68-820K | 820K  | 82 $\pm$ 10%                       |                       | 0.23                           | 0.70                      | 1.1   | 7.7                  |    |
| CW68-101K | 101K  | 100 $\pm$ 10%                      | 20                    | 0.26                           | 0.64                      | 1.0   | 7.1                  |    |
| CW68-121K | 121K  | 120 $\pm$ 10%                      |                       | 0.30                           | 0.58                      | 0.95  | 6.6                  |    |
| CW68-151K | 151K  | 150 $\pm$ 10%                      |                       | 0.38                           | 0.53                      | 0.90  | 6.0                  |    |
| CW68-181K | 181K  | 180 $\pm$ 10%                      |                       | 0.48                           | 0.48                      | 0.80  | 5.4                  |    |
| CW68-221K | 221K  | 220 $\pm$ 10%                      |                       | 0.60                           | 0.43                      | 0.70  | 4.8                  |    |
| CW68-271K | 271K  | 270 $\pm$ 10%                      | 25                    | 0.76                           | 0.39                      | 0.65  | 4.0                  |    |
| CW68-331K | 331K  | 330 $\pm$ 10%                      |                       | 0.88                           | 0.35                      | 0.60  | 3.7                  |    |
| CW68-391K | 391K  | 390 $\pm$ 10%                      | 25                    | 1.1                            | 0.33                      | 0.50  | 3.4                  |    |
| CW68-471K | 471K  | 470 $\pm$ 10%                      | 20                    | 1.2                            | 0.30                      | 0.46  | 3.2                  |    |
| CW68-561K | 561K  | 560 $\pm$ 10%                      |                       | 1.4                            | 0.27                      | 0.43  | 3.0                  |    |
| CW68-681K | 681K  | 680 $\pm$ 10%                      |                       | 1.8                            | 0.24                      | 0.37  | 2.6                  |    |
| CW68-821K | 821K  | 820 $\pm$ 10%                      |                       | 2.0                            | 0.22                      | 0.33  | 2.3                  |    |
| CW68-102K | 102K  | 1000 $\pm$ 10%                     | 55                    | 2.52                           | 0.20                      | 0.32  | 2.1                  |    |
| CW68-122K | 122K  | 1200 $\pm$ 10%                     | 65                    | 3.0                            | 0.18                      | 0.28  | 1.9                  |    |
| CW68-152K | 152K  | 1500 $\pm$ 10%                     | 60                    | 3.1                            | 0.17                      | 0.26  | 1.7                  |    |
| CW68-182K | 182K  | 1800 $\pm$ 10%                     | 65                    | 4.5                            | 0.15                      | 0.22  | 1.6                  |    |
| CW68-222K | 222K  | 2200 $\pm$ 10%                     | 60                    | 6.0                            | 0.14                      | 0.21  | 1.5                  |    |
| CW68-272K | 272K  | 2700 $\pm$ 10%                     | 65                    | 6.5                            | 0.12                      | 0.20  | 1.3                  |    |
| CW68-332K | 332K  | 3300 $\pm$ 10%                     | 70                    | 8.4                            | 0.11                      | 0.18  | 1.2                  |    |
| CW68-392K | 392K  | 3900 $\pm$ 10%                     | 90                    | 11                             | 0.10                      | 0.15  | 1.1                  |    |
| CW68-472K | 472K  | 4700 $\pm$ 10%                     | 80                    | 13                             | 95m                       | 0.14  | 1.0                  |    |
| CW68-562K | 562K  | 5600 $\pm$ 10%                     |                       | 15                             | 85m                       | 0.13  | 0.87                 |    |
| CW68-682K | 682K  | 6800 $\pm$ 10%                     |                       | 17                             | 80m                       | 0.12  | 0.82                 |    |
| CW68-822K | 822K  | 8200 $\pm$ 10%                     | 85                    | 23                             | 70m                       | 0.10  | 0.77                 |    |
| CW68-103K | 103K  | 10000 $\pm$ 10%                    |                       | 30                             | 60m                       | 90m   | 0.60                 |    |
| CW68-123K | 123K  | 12000 $\pm$ 10%                    |                       | 33                             | 55m                       | 80m   | 0.57                 |    |
| CW68-153K | 153K  | 15000 $\pm$ 10%                    |                       | 39                             | 50m                       | 75m   | 0.53                 |    |
| CW68-183K | 183K  | 18000 $\pm$ 10%                    |                       | 53                             | 45m                       | 65m   | 0.47                 |    |
| CW68-223K | 223K  | 22000 $\pm$ 10%                    |                       | 61                             | 40m                       | 60m   | 0.44                 |    |
| CW68-273K | 273K  | 27000 $\pm$ 10%                    |                       | 82                             | 35m                       | 55m   | 0.36                 |    |
| CW68-333K | 333K  | 33000 $\pm$ 10%                    |                       | 93                             | 30m                       | 50m   | 0.33                 |    |
| CW68-393K | 393K  | 39000 $\pm$ 10%                    |                       | 105                            | 25m                       | 45m   | 0.32                 |    |
| CW68-473K | 473K  | 47000 $\pm$ 10%                    |                       | 120                            | 20m                       | 40m   | 0.30                 |    |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

Specification table of Radial type Choke Coils CW77 (H500-0050)

| PART No.  | STAMP | TURNS Ref. (Ts) | WIRE 2UEW (mm) | INDUCTANCE WITHIN ( $\mu$ H) | UNLOADED Q Min. | D.C.R. Max. ( $\Omega$ ) | RATED CURRENT (A) Max. |       | S.R.F Ref. (MHz) |      |
|-----------|-------|-----------------|----------------|------------------------------|-----------------|--------------------------|------------------------|-------|------------------|------|
|           |       |                 |                |                              |                 |                          | Idc 1                  | Idc 2 |                  |      |
| CW77-1R0M | 1R0M  | 5½              | φ0.45          | 1.0±20%                      | 140             | 9m                       | 5.0                    | 7.0   | 180              |      |
| CW77-1R2M | 1R2M  | 6½              |                | 1.2±20%                      |                 | 13m                      | 4.4                    | 6.5   | 150              |      |
| CW77-1R5M | 1R5M  | 7½              |                | 1.5±20%                      | 130             | 15m                      | 4.0                    | 5.7   | 100              |      |
| CW77-2R2M | 2R2M  | 8½              |                | 2.2±20%                      |                 | 17m                      | 3.4                    | 5.3   | 75               |      |
| CW77-2R7M | 2R7M  | 9½              |                | 2.7±20%                      |                 | 19m                      | 3.2                    | 4.7   | 55               |      |
| CW77-3R3M | 3R3M  | 10½             | φ0.40          | 3.3±20%                      | 115             | 21m                      | 3.0                    | 4.6   | 47               |      |
| CW77-3R9M | 3R9M  | 11½             |                | 3.9±20%                      | 130             | 28m                      | 2.7                    | 3.7   | 45               |      |
| CW77-4R7M | 4R7M  | 13½             |                | 4.7±20%                      | 110             | 31m                      | 2.5                    | 3.5   | 38               |      |
| CW77-5R6M | 5R6M  | 14½             |                | 5.6±20%                      | 100             | 37m                      | 2.2                    | 3.4   | 37               |      |
| CW77-6R8M | 6R8M  | 15½             |                | 6.8±20%                      | 98              | 40m                      | 2.1                    | 3.3   | 34               |      |
| CW77-8R2M | 8R2M  | 17½             |                | 8.2±20%                      | 85              | 45m                      | 1.8                    | 3.0   | 28               |      |
| CW77-100K | 100K  | 19½             |                | 10±10%                       | 60              | 50m                      | 1.6                    | 2.8   | 26               |      |
| CW77-120K | 120K  | 21½             |                | 12±10%                       |                 | 56m                      | 1.5                    | 2.6   | 25               |      |
| CW77-150K | 150K  | 24½             |                | 15±10%                       |                 | 62m                      | 1.4                    | 2.5   | 22               |      |
| CW77-180K | 180K  | 26½             |                | φ0.37                        | 18±10%          | 52                       | 78m                    | 1.3   | 2.2              | 19   |
| CW77-220K | 220K  | 29½             | φ0.35          | 22±10%                       | 0.10            |                          | 1.1                    | 1.9   | 18               |      |
| CW77-270K | 270K  | 32½             | φ0.32          | 27±10%                       | 45              | 0.13                     | 1.0                    | 1.7   | 16               |      |
| CW77-330K | 330K  | 35½             |                | 33±10%                       |                 | 0.14                     | 0.95                   | 1.6   | 14               |      |
| CW77-390K | 390K  | 38½             | φ0.31          | 39±10%                       | 40              | 0.16                     | 0.80                   | 1.5   | 13               |      |
| CW77-470K | 470K  | 42½             | φ0.30          | 47±10%                       |                 | 0.19                     | 0.78                   | 1.4   | 12               |      |
| CW77-560K | 560K  | 40½             |                | 56±10%                       | 22              | 0.19                     | 1.20                   | 1.3   | 11               |      |
| CW77-680K | 680K  | 44½             |                | 68±10%                       |                 | 0.21                     | 1.10                   | 1.2   | 10               |      |
| CW77-820K | 820K  | 49½             | φ0.28          | 82±10%                       | 15              | 0.25                     | 0.95                   | 1.1   | 8.7              |      |
| CW77-101K | 101K  | 54½             | φ0.27          | 100±10%                      |                 | 0.31                     | 0.88                   | 0.95  | 8.3              |      |
| CW77-121K | 121K  | 59½             | φ0.25          | 120±10%                      |                 | 0.40                     | 0.80                   | 0.85  | 7.2              |      |
| CW77-151K | 151K  | 65½             | φ0.23          | 150±10%                      |                 |                          |                        |       |                  | 0.50 |
| CW77-181K | 181K  | 72½             |                | 180±10%                      |                 | 0.56                     | 0.70                   | 0.68  | 5.6              |      |
| CW77-221K | 221K  | 79½             | φ0.21          | 220±10%                      |                 |                          |                        |       |                  | 0.73 |
| CW77-271K | 271K  | 89½             |                | 270±10%                      |                 | 0.83                     | 0.55                   | 0.58  | 4.7              |      |
| CW77-331K | 331K  | 98½             | φ0.20          | 330±10%                      |                 |                          |                        |       |                  | 1.0  |
| CW77-391K | 391K  | 107½            | φ0.19          | 390±10%                      |                 | 15                       | 1.2                    | 0.45  | 0.48             | 3.9  |
| CW77-471K | 471K  | 116½            | φ0.17          | 470±10%                      |                 |                          | 1.5                    | 0.42  | 0.42             | 3.3  |
| CW77-561K | 561K  | 127½            |                | 560±10%                      | 0.17            | 1.7                      | 0.38                   | 0.38  | 3.1              |      |
| CW77-681K | 681K  | 141½            | φ0.16          | 680±10%                      |                 | 2.2                      | 0.34                   | 0.35  | 2.9              |      |
| CW77-821K | 821K  | 152½            | φ0.15          | 820±10%                      | 50              | 2.6                      | 0.31                   | 0.31  | 2.3              |      |
| CW77-102K | 102K  | 170½            |                | 1000±10%                     |                 | 3.0                      | 0.28                   | 0.29  | 2.2              |      |
| CW77-122K | 122K  | 185½            | φ0.14          | 1200±10%                     | 60              | 3.6                      | 0.25                   | 0.26  | 1.9              |      |
| CW77-152K | 152K  | 207½            | φ0.13          | 1500±10%                     |                 | 4.8                      | 0.23                   | 0.23  | 1.8              |      |
| CW77-182K | 182K  | 229½            |                | 1800±10%                     | 52              | 5.4                      | 0.22                   | 0.22  | 1.7              |      |
| CW77-222K | 222K  | 252½            | φ0.12          | 2200±10%                     | 50              | 6.7                      | 0.19                   | 0.20  | 1.5              |      |
| CW77-272K | 272K  | 282½            |                | 2700±10%                     |                 | 7.7                      | 0.18                   | 0.18  | 1.4              |      |
| CW77-332K | 332K  | 310½            | φ0.11          | 3300±10%                     | 60              | 11                       | 0.16                   | 0.15  | 1.3              |      |
| CW77-392K | 392K  | 333½            | φ0.10          | 3900±10%                     |                 | 55                       | 13                     | 0.14  | 0.14             | 1.1  |
| CW77-472K | 472K  | 368½            |                | 4700±10%                     | 14              |                          | 0.13                   | 0.13  | 1.0              |      |
| CW77-562K | 562K  | 405½            | φ0.09          | 5600±10%                     | 50              | 17                       | 0.12                   | 0.12  | 0.95             |      |
| CW77-682K | 682K  | 443½            |                | 6800±10%                     |                 | 22                       | 0.10                   | 0.11  | 0.88             |      |
| CW77-822K | 822K  | 495½            | φ0.08          | 8200±10%                     | 42              | 25                       | 95m                    | 0.10  | 0.83             |      |
| CW77-103K | 103K  | 532½            |                | 10000±10%                    |                 | 62                       | 33                     | 90m   | 85m              | 0.70 |
| CW77-123K | 123K  | 590½            | 12000±10%      | 37                           | 80m             |                          | 80m                    | 0.65  |                  |      |
| CW77-153K | 153K  | 650½            | φ0.07          | 15000±10%                    | 58              | 52                       | 70m                    | 70m   | 0.58             |      |
| CW77-183K | 183K  | 722½            |                | 18000±10%                    |                 | 60                       | 65m                    | 65m   | 0.55             |      |
| CW77-223K | 223K  | 787½            | φ0.06          | 22000±10%                    | 42              | 82                       | 60m                    | 55m   | 0.47             |      |
| CW77-273K | 273K  | 874½            |                | 27000±10%                    |                 | 96                       | 55m                    | 50m   | 0.43             |      |
| CW77-333K | 333K  | 954½            | φ0.05          | 33000±10%                    | 35              | 144                      | 50m                    | 40m   | 0.36             |      |
| CW77-393K | 393K  | 1042½           |                | 39000±10%                    |                 | 158                      | 40m                    | 36m   | 0.35             |      |
| CW77-473K | 473K  | 1153½           |                | 47000±10%                    |                 | 182                      | 35m                    | 32m   | 0.32             |      |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

Specification table of Radial type Choke Coils CW8A (H500-0047)

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>Within | UNLOADED<br>Q<br>Min. | D.C.R.<br>( $\Omega$ )<br>Max. | S.R.F.<br>(MHz)<br>Ref. | RATED CURRENT<br>(A) Max. |      |      |
|-----------|-------|------------------------------------|-----------------------|--------------------------------|-------------------------|---------------------------|------|------|
|           |       |                                    |                       |                                |                         | Idc1                      | Idc2 |      |
| CW8A-2R2M | 2R2M  | 2.2 $\pm$ 20%                      | 15                    | 9.5m                           | 120                     | 7.0                       | 6.8  |      |
| CW8A-2R7M | 2R7M  | 2.7 $\pm$ 20%                      |                       | 10.7m                          | 100                     | 6.7                       | 6.7  |      |
| CW8A-3R3M | 3R3M  | 3.3 $\pm$ 20%                      |                       | 12.2m                          | 83                      | 5.8                       | 6.0  |      |
| CW8A-3R9M | 3R9M  | 3.9 $\pm$ 20%                      |                       | 14.0m                          | 65                      | 5.4                       | 5.7  |      |
| CW8A-4R7M | 4R7M  | 4.7 $\pm$ 20%                      |                       | 15.5m                          | 50                      | 5.1                       | 5.4  |      |
| CW8A-5R6M | 5R6M  | 5.6 $\pm$ 20%                      |                       | 17.2m                          | 40                      | 4.7                       | 5.0  |      |
| CW8A-6R8M | 6R8M  | 6.8 $\pm$ 20%                      |                       | 18.5m                          | 30                      | 4.3                       | 4.6  |      |
| CW8A-8R2M | 8R2M  | 8.2 $\pm$ 20%                      |                       | 23.5m                          | 28                      | 4.0                       | 4.0  |      |
| CW8A-100K | 100K  | 10 $\pm$ 10%                       |                       | 65                             | 27.0m                   | 20                        | 3.6  | 3.8  |
| CW8A-120K | 120K  | 12 $\pm$ 10%                       | 60                    | 31.5m                          | 18                      | 3.1                       | 3.7  |      |
| CW8A-150K | 150K  | 15 $\pm$ 10%                       |                       | 36.0m                          | 16                      | 2.8                       | 3.6  |      |
| CW8A-180K | 180K  | 18 $\pm$ 10%                       |                       | 40.5m                          | 15                      | 2.6                       | 3.2  |      |
| CW8A-220K | 220K  | 22 $\pm$ 10%                       | 50                    | 45.0m                          | 14                      | 2.5                       | 3.1  |      |
| CW8A-270K | 270K  | 27 $\pm$ 10%                       |                       | 61.0m                          | 12                      | 2.2                       | 2.6  |      |
| CW8A-330K | 330K  | 33 $\pm$ 10%                       | 45                    | 70.0m                          | 11                      | 2.0                       | 2.4  |      |
| CW8A-390K | 390K  | 39 $\pm$ 10%                       |                       | 75.5m                          | 10                      | 1.8                       | 2.2  |      |
| CW8A-470K | 470K  | 47 $\pm$ 10%                       | 40                    | 86.5m                          | 8.5                     | 1.7                       | 2.1  |      |
| CW8A-560K | 560K  | 56 $\pm$ 10%                       |                       | 0.12                           | 8.0                     | 1.5                       | 1.9  |      |
| CW8A-680K | 680K  | 68 $\pm$ 10%                       | 35                    | 0.13                           | 7.1                     | 1.4                       | 1.8  |      |
| CW8A-820K | 820K  | 82 $\pm$ 10%                       |                       | 0.15                           | 6.2                     | 1.2                       | 1.6  |      |
| CW8A-101K | 101K  | 100 $\pm$ 10%                      |                       | 0.18                           | 5.8                     | 1.1                       | 1.5  |      |
| CW8A-121K | 121K  | 120 $\pm$ 10%                      | 25                    | 0.20                           | 5.2                     | 1.0                       | 1.4  |      |
| CW8A-151K | 151K  | 150 $\pm$ 10%                      |                       | 0.26                           | 4.8                     | 0.96                      | 1.2  |      |
| CW8A-181K | 181K  | 180 $\pm$ 10%                      | 23                    | 0.30                           | 4.5                     | 0.88                      | 1.1  |      |
| CW8A-221K | 221K  | 220 $\pm$ 10%                      |                       | 0.41                           | 3.8                     | 0.78                      | 1.0  |      |
| CW8A-271K | 271K  | 270 $\pm$ 10%                      |                       | 0.46                           | 3.5                     | 0.72                      | 0.87 |      |
| CW8A-331K | 331K  | 330 $\pm$ 10%                      | 15                    | 0.53                           | 3.3                     | 0.66                      | 0.82 |      |
| CW8A-391K | 391K  | 390 $\pm$ 10%                      |                       | 0.63                           | 3.2                     | 0.62                      | 0.75 |      |
| CW8A-471K | 471K  | 470 $\pm$ 10%                      |                       | 0.71                           | 2.8                     | 0.56                      | 0.70 |      |
| CW8A-561K | 561K  | 560 $\pm$ 10%                      |                       | 0.88                           | 2.6                     | 0.50                      | 0.63 |      |
| CW8A-681K | 681K  | 680 $\pm$ 10%                      |                       | 1.1                            | 2.2                     | 0.46                      | 0.58 |      |
| CW8A-821K | 821K  | 820 $\pm$ 10%                      |                       | 1.2                            | 2.0                     | 0.42                      | 0.50 |      |
| CW8A-102K | 102K  | 1000 $\pm$ 10%                     |                       | 25                             | 1.5                     | 1.8                       | 0.38 | 0.47 |
| CW8A-122K | 122K  | 1200 $\pm$ 10%                     |                       | 33                             | 1.9                     | 1.7                       | 0.34 | 0.41 |
| CW8A-152K | 152K  | 1500 $\pm$ 10%                     |                       |                                | 2.2                     | 1.5                       | 0.32 | 0.40 |
| CW8A-182K | 182K  | 1800 $\pm$ 10%                     | 2.7                   |                                | 1.4                     | 0.28                      | 0.35 |      |
| CW8A-222K | 222K  | 2200 $\pm$ 10%                     | 45                    | 3.4                            | 1.2                     | 0.26                      | 0.32 |      |
| CW8A-272K | 272K  | 2700 $\pm$ 10%                     |                       | 4.3                            | 1.1                     | 0.22                      | 0.28 |      |
| CW8A-332K | 332K  | 3300 $\pm$ 10%                     |                       | 5.0                            | 1.0                     | 0.21                      | 0.26 |      |
| CW8A-392K | 392K  | 3900 $\pm$ 10%                     |                       | 6.0                            | 0.96                    | 0.19                      | 0.23 |      |
| CW8A-472K | 472K  | 4700 $\pm$ 10%                     |                       | 7.2                            | 0.75                    | 0.17                      | 0.21 |      |
| CW8A-562K | 562K  | 5600 $\pm$ 10%                     |                       | 8.2                            | 0.70                    | 0.15                      | 0.20 |      |
| CW8A-682K | 682K  | 6800 $\pm$ 10%                     |                       | 10                             | 0.64                    | 0.14                      | 0.18 |      |
| CW8A-822K | 822K  | 8200 $\pm$ 10%                     |                       | 13                             | 0.60                    | 0.13                      | 0.15 |      |
| CW8A-103K | 103K  | 10000 $\pm$ 10%                    |                       | 90                             | 15                      | 0.55                      | 0.11 | 0.14 |
| CW8A-123K | 123K  | 12000 $\pm$ 10%                    | 18                    |                                | 0.50                    | 0.10                      | 0.13 |      |
| CW8A-153K | 153K  | 15000 $\pm$ 10%                    | 25                    |                                | 0.45                    | 90m                       | 0.11 |      |
| CW8A-183K | 183K  | 18000 $\pm$ 10%                    | 30                    |                                | 0.38                    | 80m                       | 0.10 |      |
| CW8A-223K | 223K  | 22000 $\pm$ 10%                    | 35                    |                                | 0.35                    | 70m                       | 90m  |      |
| CW8A-273K | 273K  | 27000 $\pm$ 10%                    | 47                    |                                | 0.33                    | 65m                       | 80m  |      |
| CW8A-333K | 333K  | 33000 $\pm$ 10%                    | 54                    |                                | 0.31                    | 60m                       | 75m  |      |
| CW8A-393K | 393K  | 39000 $\pm$ 10%                    | 65                    |                                | 71                      | 0.26                      | 55m  | 65m  |
| CW8A-473K | 473K  | 47000 $\pm$ 10%                    |                       |                                | 81                      | 0.24                      | 50m  | 60m  |
| CW8A-563K | 563K  | 56000 $\pm$ 10%                    |                       | 92                             | 0.22                    | 45m                       | 55m  |      |
| CW8A-683K | 683K  | 68000 $\pm$ 10%                    | 52                    | 125                            | 0.19                    | 40m                       | 50m  |      |
| CW8A-823K | 823K  | 82000 $\pm$ 10%                    |                       | 142                            | 0.18                    | 35m                       | 45m  |      |
| CW8A-104K | 104K  | 100000 $\pm$ 10%                   |                       | 192                            | 0.16                    | 30m                       | 35m  |      |

※ Specifications other than the above will be furnished upon request.





## RADIAL TYPE CHOKE COILS

**Specification table of Radial type Choke Coils CW9B (H500-0087)**

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>Within | S.R.F.<br>MHz<br>(Ref.) | D.C.R.<br>( $\Omega$ )<br>Max. | RATED CURRENT<br>(A) Max. |       |
|-----------|-------|------------------------------------|-------------------------|--------------------------------|---------------------------|-------|
|           |       |                                    |                         |                                | Idc 1                     | Idc 2 |
| CW9B-3R3M | 3R3M  | 3.3 $\pm$ 20%                      | 77                      | 13m                            | 12                        | 6.7   |
| CW9B-3R9M | 3R9M  | 3.9 $\pm$ 20%                      | 70                      | 17m                            | 11                        | 6.4   |
| CW9B-4R7M | 4R7M  | 4.7 $\pm$ 20%                      | 60                      | 18m                            | 10                        | 5.9   |
| CW9B-5R6M | 5R6M  | 5.6 $\pm$ 20%                      | 51                      | 19m                            | 9.2                       | 5.4   |
| CW9B-6R8M | 6R8M  | 6.8 $\pm$ 20%                      | 36                      | 22m                            | 8.2                       | 5.1   |
| CW9B-8R2M | 8R2M  | 8.2 $\pm$ 20%                      | 29                      | 25m                            | 7.8                       | 4.8   |
| CW9B-100K | 100K  | 10 $\pm$ 10%                       | 19                      | 26m                            | 6.8                       | 4.5   |
| CW9B-120K | 120K  | 12 $\pm$ 10%                       | 14                      | 31m                            | 6.2                       | 4.3   |
| CW9B-150K | 150K  | 15 $\pm$ 10%                       | 13                      | 35m                            | 5.7                       | 4.2   |
| CW9B-180K | 180K  | 18 $\pm$ 10%                       | 11                      | 44m                            | 5.2                       | 3.5   |
| CW9B-220K | 220K  | 22 $\pm$ 10%                       | 10                      | 55m                            | 4.6                       | 3.0   |
| CW9B-270K | 270K  | 27 $\pm$ 10%                       | 9.7                     | 63m                            | 4.2                       | 2.9   |
| CW9B-330K | 330K  | 33 $\pm$ 10%                       | 9.0                     | 71m                            | 3.4                       | 2.7   |
| CW9B-390K | 390K  | 39 $\pm$ 10%                       | 7.8                     | 79m                            | 3.5                       | 2.6   |
| CW9B-470K | 470K  | 47 $\pm$ 10%                       | 7.0                     | 90m                            | 3.2                       | 2.4   |
| CW9B-560K | 560K  | 56 $\pm$ 10%                       | 6.2                     | 0.11                           | 2.9                       | 2.1   |
| CW9B-680K | 680K  | 68 $\pm$ 10%                       | 5.9                     | 0.13                           | 2.7                       | 2.0   |
| CW9B-820K | 820K  | 82 $\pm$ 10%                       | 5.4                     | 0.14                           | 2.4                       | 1.8   |
| CW9B-101K | 101K  | 100 $\pm$ 10%                      | 4.9                     | 0.15                           | 2.2                       | 1.7   |
| CW9B-121K | 121K  | 120 $\pm$ 10%                      | 4.0                     | 0.21                           | 2.0                       | 1.5   |
| CW9B-151K | 151K  | 150 $\pm$ 10%                      | 3.4                     | 0.26                           | 1.8                       | 1.3   |
| CW9B-181K | 181K  | 180 $\pm$ 10%                      | 3.2                     | 0.30                           | 1.6                       | 1.2   |
| CW9B-221K | 221K  | 220 $\pm$ 10%                      | 3.0                     | 0.35                           | 1.4                       | 1.1   |
| CW9B-271K | 271K  | 270 $\pm$ 10%                      | 2.6                     | 0.42                           | 1.3                       | 0.96  |
| CW9B-331K | 331K  | 330 $\pm$ 10%                      | 2.2                     | 0.54                           | 1.2                       | 0.88  |
| CW9B-391K | 391K  | 390 $\pm$ 10%                      | 2.3                     | 0.65                           | 1.1                       | 0.79  |
| CW9B-471K | 471K  | 470 $\pm$ 10%                      | 2.0                     | 0.80                           | 0.98                      | 0.68  |
| CW9B-561K | 561K  | 560 $\pm$ 10%                      | 1.8                     | 0.90                           | 0.88                      | 0.66  |
| CW9B-681K | 681K  | 680 $\pm$ 10%                      | 1.6                     | 1.1                            | 0.80                      | 0.62  |
| CW9B-821K | 821K  | 820 $\pm$ 10%                      | 1.5                     | 1.2                            | 0.78                      | 0.56  |
| CW9B-102K | 102K  | 1000 $\pm$ 10%                     | 1.3                     | 1.5                            | 0.70                      | 0.50  |
| CW9B-122K | 122K  | 1200 $\pm$ 10%                     | 1.2                     | 1.9                            | 0.64                      | 0.44  |
| CW9B-152K | 152K  | 1500 $\pm$ 10%                     | 1.1                     | 2.2                            | 0.58                      | 0.42  |
| CW9B-182K | 182K  | 1800 $\pm$ 10%                     | 0.98                    | 2.8                            | 0.53                      | 0.36  |
| CW9B-222K | 222K  | 2200 $\pm$ 10%                     | 0.93                    | 3.5                            | 0.48                      | 0.33  |
| CW9B-272K | 272K  | 2700 $\pm$ 10%                     | 0.82                    | 4.2                            | 0.42                      | 0.30  |
| CW9B-332K | 332K  | 3300 $\pm$ 10%                     | 0.62                    | 5.4                            | 0.38                      | 0.26  |
| CW9B-392K | 392K  | 3900 $\pm$ 10%                     | 0.60                    | 6.0                            | 0.35                      | 0.24  |
| CW9B-472K | 472K  | 4700 $\pm$ 10%                     | 0.59                    | 7.6                            | 0.32                      | 0.22  |
| CW9B-562K | 562K  | 5600 $\pm$ 10%                     | 0.55                    | 8.7                            | 0.30                      | 0.20  |
| CW9B-682K | 682K  | 6800 $\pm$ 10%                     | 0.47                    | 10.5                           | 0.27                      | 0.18  |
| CW9B-822K | 822K  | 8200 $\pm$ 10%                     | 0.44                    | 12.0                           | 0.24                      | 0.17  |
| CW9B-103K | 103K  | 10000 $\pm$ 10%                    | 0.41                    | 17.2                           | 0.22                      | 0.14  |
| CW9B-123K | 123K  | 12000 $\pm$ 10%                    | 0.38                    | 19.2                           | 0.20                      | 0.13  |
| CW9B-153K | 153K  | 15000 $\pm$ 10%                    | 0.31                    | 23.5                           | 0.18                      | 0.12  |
| CW9B-183K | 183K  | 18000 $\pm$ 10%                    | 0.30                    | 32                             | 0.16                      | 0.10  |
| CW9B-223K | 223K  | 22000 $\pm$ 10%                    | 0.29                    | 37                             | 0.15                      | 95m   |
| CW9B-273K | 273K  | 27000 $\pm$ 10%                    | 0.27                    | 46                             | 0.14                      | 88m   |
| CW9B-333K | 333K  | 33000 $\pm$ 10%                    | 0.25                    | 53                             | 0.13                      | 80m   |
| CW9B-393K | 393K  | 39000 $\pm$ 10%                    | 0.23                    | 70                             | 0.11                      | 72m   |
| CW9B-473K | 473K  | 47000 $\pm$ 10%                    | 0.21                    | 79                             | 0.10                      | 66m   |
| CW9B-563K | 563K  | 56000 $\pm$ 10%                    | 0.16                    | 106                            | 95m                       | 56m   |
| CW9B-683K | 683K  | 68000 $\pm$ 10%                    | 0.15                    | 120                            | 90m                       | 50m   |
| CW9B-823K | 823K  | 82000 $\pm$ 10%                    | 0.13                    | 163                            | 80m                       | 45m   |
| CW9B-104K | 104K  | 100000 $\pm$ 10%                   | 0.12                    | 187                            | 70m                       | 40m   |
| CW9B-124K | 124K  | 120000 $\pm$ 10%                   | 0.10                    | 264                            | 60m                       | 35m   |
| CW9B-154K | 154K  | 150000 $\pm$ 10%                   | 0.09                    | 305                            | 50m                       | 30m   |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

### Specification table of Radial type Choke Coils CW9C

| PART No.  | STAMP | INDUCTANCE (uH) WITHIN | UNLOADED Q Min. | D.C.R. (Ω) Max. | RATED CURRENT (A) Max. |       | S.R.F. MHz (Ref.) |
|-----------|-------|------------------------|-----------------|-----------------|------------------------|-------|-------------------|
|           |       |                        |                 |                 | Idc 1                  | Idc 2 |                   |
| CW9C-100K | 100K  | 10±10%                 | 70              | 18.5m           | 4.6                    | 5.0   | 25.0              |
| CW9C-120K | 120K  | 12±10%                 |                 | 20.5m           | 4.2                    | 4.8   | 17.0              |
| CW9C-150K | 150K  | 15±10%                 |                 | 27.0m           | 3.7                    | 4.2   | 15.0              |
| CW9C-180K | 180K  | 18±10%                 | 65              | 30.0m           | 3.4                    | 4.0   | 14.0              |
| CW9C-220K | 220K  | 22±10%                 |                 | 34.0m           | 3.0                    | 3.8   | 13.3              |
| CW9C-270K | 270K  | 27±10%                 | 60              | 40.0m           | 2.7                    | 3.5   | 11.5              |
| CW9C-330K | 330K  | 33±10%                 | 50              | 45.0m           | 2.5                    | 3.4   | 9.5               |
| CW9C-390K | 390K  | 39±10%                 | 45              | 52.0m           | 2.2                    | 3.2   | 9.0               |
| CW9C-470K | 470K  | 47±10%                 |                 | 56.5m           | 2.1                    | 3.0   | 8.2               |
| CW9C-560K | 560K  | 56±10%                 | 40              | 71.5m           | 1.9                    | 2.5   | 7.4               |
| CW9C-680K | 680K  | 68±10%                 |                 | 91.0m           | 1.8                    | 2.3   | 6.4               |
| CW9C-820K | 820K  | 82±10%                 | 30              | 0.10            | 1.6                    | 2.2   | 5.6               |
| CW9C-101K | 101K  | 100±10%                | 45              | 0.13            | 1.4                    | 2.0   | 4.9               |
| CW9C-121K | 121K  | 120±10%                | 40              | 0.15            | 1.3                    | 1.7   | 4.8               |
| CW9C-151K | 151K  | 150±10%                | 30              | 0.18            | 1.2                    | 1.6   | 4.2               |
| CW9C-181K | 181K  | 180±10%                | 35              | 0.23            | 1.0                    | 1.4   | 3.8               |
| CW9C-221K | 221K  | 220±10%                | 30              | 0.26            | 0.94                   | 1.3   | 3.5               |
| CW9C-271K | 271K  | 270±10%                | 25              | 0.30            | 0.88                   | 1.2   | 3.2               |
| CW9C-331K | 331K  | 330±10%                |                 | 0.38            | 0.80                   | 1.1   | 2.7               |
| CW9C-391K | 391K  | 390±10%                |                 | 0.45            | 0.75                   | 0.92  | 2.5               |
| CW9C-471K | 471K  | 470±10%                |                 | 0.58            | 0.68                   | 0.80  | 2.4               |
| CW9C-561K | 561K  | 560±10%                |                 | 0.64            | 0.64                   | 0.75  | 2.3               |
| CW9C-681K | 681K  | 680±10%                | 20              | 0.78            | 0.58                   | 0.70  | 2.1               |
| CW9C-821K | 821K  | 820±10%                | 15              | 0.90            | 0.50                   | 0.62  | 1.8               |
| CW9C-102K | 102K  | 1000±10%               | 20              | 1.1             | 0.46                   | 0.60  | 1.7               |
| CW9C-122K | 122K  | 1200±10%               |                 | 1.3             | 0.43                   | 0.54  | 1.5               |
| CW9C-152K | 152K  | 1500±10%               |                 | 1.6             | 0.38                   | 0.50  | 1.4               |
| CW9C-182K | 182K  | 1800±10%               |                 | 2.0             | 0.34                   | 0.44  | 1.2               |
| CW9C-222K | 222K  | 2200±10%               | 30              | 2.4             | 0.31                   | 0.40  | 1.0               |
| CW9C-272K | 272K  | 2700±10%               | 40              | 3.0             | 0.28                   | 0.34  | 0.9               |
| CW9C-332K | 332K  | 3300±10%               | 30              | 3.6             | 0.25                   | 0.32  | 0.82              |
| CW9C-392K | 392K  | 3900±10%               | 35              | 4.2             | 0.24                   | 0.28  | 0.78              |
| CW9C-472K | 472K  | 4700±10%               |                 | 5.0             | 0.22                   | 0.26  | 0.72              |
| CW9C-562K | 562K  | 5600±10%               | 45              | 6.7             | 0.19                   | 0.24  | 0.66              |
| CW9C-682K | 682K  | 6800±10%               | 40              | 7.7             | 0.18                   | 0.22  | 0.60              |
| CW9C-822K | 822K  | 8200±10%               | 30              | 8.6             | 0.16                   | 0.21  | 0.56              |
| CW9C-103K | 103K  | 10000±10%              | 85              | 11              | 0.14                   | 0.19  | 0.50              |
| CW9C-123K | 123K  | 12000±10%              |                 | 13              | 0.13                   | 0.18  | 0.47              |
| CW9C-153K | 153K  | 15000±10%              |                 | 15              | 0.11                   | 0.15  | 0.37              |
| CW9C-183K | 183K  | 18000±10%              | 90              | 19              | 0.10                   | 0.14  | 0.35              |
| CW9C-223K | 223K  | 22000±10%              |                 | 24              | 95m                    | 0.12  | 0.31              |
| CW9C-273K | 273K  | 27000±10%              |                 | 30              | 85m                    | 0.10  | 0.27              |
| CW9C-333K | 333K  | 33000±10%              |                 | 41              | 80m                    | 95m   | 0.25              |
| CW9C-393K | 393K  | 39000±10%              | 75              | 50              | 70m                    | 80m   | 0.22              |
| CW9C-473K | 473K  | 47000±10%              |                 | 56              | 60m                    | 70m   | 0.21              |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

**Specification table of Radial type Choke Coils CWAA (H500-0121)**

| PART No.  | STAMP | INDUCTANCE (uH)<br>WITHIN | D.C.R.<br>(Ω)<br>Max. | RATED CURRENT<br>(A) Max. |       | S.R.F.<br>Ref.<br>(MHz) |
|-----------|-------|---------------------------|-----------------------|---------------------------|-------|-------------------------|
|           |       |                           |                       | Idc 1                     | Idc 2 |                         |
| CWAA-3R3M | 3R3M  | 3.3±20%                   | 15m                   | 12                        | 7.5   | 70                      |
| CWAA-3R9M | 3R9M  | 3.9±20%                   | 16m                   | 11                        | 7.1   | 58                      |
| CWAA-4R7M | 4R7M  | 4.7±20%                   | 18m                   | 10                        | 6.8   | 47                      |
| CWAA-5R6M | 5R6M  | 5.6±20%                   | 20m                   | 9.6                       | 6.4   | 38                      |
| CWAA-6R8M | 6R8M  | 6.8±20%                   | 22m                   | 8.8                       | 6.1   | 30                      |
| CWAA-8R2M | 8R2M  | 8.2±20%                   | 23m                   | 8.0                       | 5.9   | 24                      |
| CWAA-100K | 100K  | 10±10%                    | 25m                   | 7.5                       | 5.6   | 20                      |
| CWAA-120K | 120K  | 12±10%                    | 30m                   | 6.9                       | 5.4   | 15                      |
| CWAA-150K | 150K  | 15±10%                    | 39m                   | 6.1                       | 4.6   | 13                      |
| CWAA-180K | 180K  | 18±10%                    | 43m                   | 5.6                       | 4.4   | 12                      |
| CWAA-220K | 220K  | 22±10%                    | 48m                   | 5.2                       | 4.0   | 11                      |
| CWAA-270K | 270K  | 27±10%                    | 55m                   | 4.6                       | 3.7   | 10                      |
| CWAA-330K | 330K  | 33±10%                    | 60m                   | 4.2                       | 3.6   | 9.4                     |
| CWAA-390K | 390K  | 39±10%                    | 68m                   | 3.8                       | 3.5   | 9.0                     |
| CWAA-470K | 470K  | 47±10%                    | 86m                   | 3.4                       | 3.0   | 7.8                     |
| CWAA-560K | 560K  | 56±10%                    | 95m                   | 3.2                       | 2.8   | 6.9                     |
| CWAA-680K | 680K  | 68±10%                    | 0.12                  | 2.8                       | 2.4   | 6.0                     |
| CWAA-820K | 820K  | 82±10%                    | 0.13                  | 2.6                       | 2.2   | 5.5                     |
| CWAA-101K | 101K  | 100±10%                   | 0.18                  | 2.4                       | 2.0   | 4.8                     |
| CWAA-121K | 121K  | 120±10%                   | 0.19                  | 2.1                       | 1.8   | 4.4                     |
| CWAA-151K | 151K  | 150±10%                   | 0.23                  | 1.9                       | 1.7   | 3.9                     |
| CWAA-181K | 181K  | 180±10%                   | 0.28                  | 1.7                       | 1.5   | 3.5                     |
| CWAA-221K | 221K  | 220±10%                   | 0.32                  | 1.6                       | 1.4   | 3.3                     |
| CWAA-271K | 271K  | 270±10%                   | 0.40                  | 1.4                       | 1.3   | 2.9                     |
| CWAA-331K | 331K  | 330±10%                   | 0.46                  | 1.3                       | 1.2   | 2.8                     |
| CWAA-391K | 391K  | 390±10%                   | 0.56                  | 1.2                       | 1.1   | 2.4                     |
| CWAA-471K | 471K  | 470±10%                   | 0.64                  | 1.0                       | 0.97  | 2.2                     |
| CWAA-561K | 561K  | 560±10%                   | 0.80                  | 0.96                      | 0.87  | 2.1                     |
| CWAA-681K | 681K  | 680±10%                   | 0.95                  | 0.88                      | 0.83  | 1.9                     |
| CWAA-821K | 821K  | 820±10%                   | 1.2                   | 0.80                      | 0.74  | 1.7                     |
| CWAA-102K | 102K  | 1000±10%                  | 1.3                   | 0.76                      | 0.68  | 1.6                     |
| CWAA-122K | 122K  | 1200±10%                  | 1.5                   | 0.70                      | 0.62  | 1.4                     |
| CWAA-152K | 152K  | 1500±10%                  | 2.0                   | 0.62                      | 0.52  | 1.2                     |
| CWAA-182K | 182K  | 1800±10%                  | 2.5                   | 0.56                      | 0.46  | 1.1                     |
| CWAA-222K | 222K  | 2200±10%                  | 2.9                   | 0.51                      | 0.42  | 1.0                     |
| CWAA-272K | 272K  | 2700±10%                  | 3.7                   | 0.46                      | 0.38  | 0.91                    |
| CWAA-332K | 332K  | 3300±10%                  | 4.3                   | 0.42                      | 0.35  | 0.85                    |
| CWAA-392K | 392K  | 3900±10%                  | 5.2                   | 0.38                      | 0.32  | 0.79                    |
| CWAA-472K | 472K  | 4700±10%                  | 6.2                   | 0.34                      | 0.31  | 0.63                    |
| CWAA-562K | 562K  | 5600±10%                  | 7.0                   | 0.32                      | 0.28  | 0.60                    |
| CWAA-682K | 682K  | 6800±10%                  | 8.7                   | 0.29                      | 0.25  | 0.56                    |
| CWAA-822K | 822K  | 8200±10%                  | 11                    | 0.26                      | 0.22  | 0.48                    |
| CWAA-103K | 103K  | 10000±10%                 | 13                    | 0.24                      | 0.20  | 0.45                    |
| CWAA-123K | 123K  | 12000±10%                 | 18                    | 0.22                      | 0.18  | 0.42                    |
| CWAA-153K | 153K  | 15000±10%                 | 20                    | 0.19                      | 0.17  | 0.38                    |
| CWAA-183K | 183K  | 18000±10%                 | 24                    | 0.18                      | 0.15  | 0.32                    |
| CWAA-223K | 223K  | 22000±10%                 | 28                    | 0.16                      | 0.14  | 0.30                    |
| CWAA-273K | 273K  | 27000±10%                 | 39                    | 0.14                      | 0.12  | 0.27                    |
| CWAA-333K | 333K  | 33000±10%                 | 46                    | 0.13                      | 0.10  | 0.24                    |
| CWAA-393K | 393K  | 39000±10%                 | 63                    | 0.12                      | 90m   | 0.22                    |
| CWAA-473K | 473K  | 47000±10%                 | 69                    | 0.10                      | 85m   | 0.19                    |
| CWAA-563K | 563K  | 56000±10%                 | 77                    | 95m                       | 80m   | 0.18                    |
| CWAA-683K | 683K  | 68000±10%                 | 107                   | 85m                       | 70m   | 0.17                    |
| CWAA-823K | 823K  | 82000±10%                 | 121                   | 80m                       | 65m   | 0.16                    |
| CWAA-104K | 104K  | 100000±10%                | 140                   | 75m                       | 60m   | 0.15                    |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

**Specification table of Radial type Choke Coils CWAG (H500-0141)**

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H) | D.C.R.<br>( $\Omega$ )<br>Max. | RATED CURRENT<br>(A)<br>Max. |       | S.R.F.<br>(MHz)<br>Ref. |
|-----------|-------|--------------------------|--------------------------------|------------------------------|-------|-------------------------|
|           |       |                          |                                | Idc 1                        | Idc 2 |                         |
| CWAG-100K | 100K  | 10 $\pm$ 10%             | 18m                            | 6.8                          | 6.9   | 30                      |
| CWAG-120K | 120K  | 12 $\pm$ 10%             | 19m                            | 6.2                          | 6.3   | 26                      |
| CWAG-150K | 150K  | 15 $\pm$ 10%             | 22m                            | 5.4                          | 5.8   | 22                      |
| CWAG-180K | 180K  | 18 $\pm$ 10%             | 24m                            | 5.0                          | 5.5   | 15                      |
| CWAG-220K | 220K  | 22 $\pm$ 10%             | 26m                            | 4.7                          | 4.8   | 11                      |
| CWAG-270K | 270K  | 27 $\pm$ 10%             | 30m                            | 4.2                          | 4.6   | 8.2                     |
| CWAG-330K | 330K  | 33 $\pm$ 10%             | 37m                            | 3.8                          | 4.3   | 7.7                     |
| CWAG-390K | 390K  | 39 $\pm$ 10%             | 42m                            | 3.5                          | 4.1   | 7.3                     |
| CWAG-470K | 470K  | 47 $\pm$ 10%             | 46m                            | 3.2                          | 4.0   | 6.7                     |
| CWAG-560K | 560K  | 56 $\pm$ 10%             | 51m                            | 3.0                          | 3.8   | 6.2                     |
| CWAG-680K | 680K  | 68 $\pm$ 10%             | 65m                            | 2.6                          | 3.4   | 5.4                     |
| CWAG-820K | 820K  | 82 $\pm$ 10%             | 74m                            | 2.4                          | 3.3   | 4.7                     |
| CWAG-101K | 101K  | 100 $\pm$ 10%            | 84m                            | 2.2                          | 3.1   | 4.3                     |
| CWAG-121K | 121K  | 120 $\pm$ 10%            | 0.11                           | 2.0                          | 2.7   | 3.7                     |
| CWAG-151K | 151K  | 150 $\pm$ 10%            | 0.12                           | 1.8                          | 2.4   | 3.2                     |
| CWAG-181K | 181K  | 180 $\pm$ 10%            | 0.13                           | 1.6                          | 2.3   | 2.9                     |
| CWAG-221K | 221K  | 220 $\pm$ 10%            | 0.17                           | 1.4                          | 2.0   | 2.7                     |
| CWAG-271K | 271K  | 270 $\pm$ 10%            | 0.23                           | 1.3                          | 1.7   | 2.3                     |
| CWAG-331K | 331K  | 330 $\pm$ 10%            | 0.31                           | 1.2                          | 1.4   | 1.9                     |
| CWAG-391K | 391K  | 390 $\pm$ 10%            | 0.34                           | 1.1                          | 1.3   | 1.8                     |
| CWAG-471K | 471K  | 470 $\pm$ 10%            | 0.39                           | 1.0                          | 1.2   | 1.7                     |
| CWAG-561K | 561K  | 560 $\pm$ 10%            | 0.43                           | 0.90                         | 1.1   | 1.6                     |
| CWAG-681K | 681K  | 680 $\pm$ 10%            | 0.59                           | 0.82                         | 1.0   | 1.4                     |
| CWAG-821K | 821K  | 820 $\pm$ 10%            | 0.65                           | 0.77                         | 0.90  | 1.3                     |
| CWAG-102K | 102K  | 1000 $\pm$ 10%           | 0.85                           | 0.69                         | 0.84  | 1.1                     |
| CWAG-122K | 122K  | 1200 $\pm$ 10%           | 0.96                           | 0.64                         | 0.77  | 1.0                     |
| CWAG-152K | 152K  | 1500 $\pm$ 10%           | 1.1                            | 0.57                         | 0.73  | 0.94                    |
| CWAG-182K | 182K  | 1800 $\pm$ 10%           | 1.4                            | 0.52                         | 0.64  | 0.88                    |
| CWAG-222K | 222K  | 2200 $\pm$ 10%           | 1.7                            | 0.46                         | 0.57  | 0.73                    |
| CWAG-272K | 272K  | 2700 $\pm$ 10%           | 2.0                            | 0.42                         | 0.52  | 0.69                    |
| CWAG-332K | 332K  | 3300 $\pm$ 10%           | 2.5                            | 0.38                         | 0.46  | 0.62                    |
| CWAG-392K | 392K  | 3900 $\pm$ 10%           | 2.8                            | 0.34                         | 0.45  | 0.59                    |
| CWAG-472K | 472K  | 4700 $\pm$ 10%           | 3.6                            | 0.32                         | 0.38  | 0.52                    |
| CWAG-562K | 562K  | 5600 $\pm$ 10%           | 4.5                            | 0.29                         | 0.33  | 0.45                    |
| CWAG-682K | 682K  | 6800 $\pm$ 10%           | 5.1                            | 0.26                         | 0.32  | 0.43                    |
| CWAG-822K | 822K  | 8200 $\pm$ 10%           | 6.7                            | 0.24                         | 0.30  | 0.40                    |
| CWAG-103K | 103K  | 10000 $\pm$ 10%          | 7.7                            | 0.22                         | 0.28  | 0.37                    |
| CWAG-123K | 123K  | 12000 $\pm$ 10%          | 9.2                            | 0.20                         | 0.26  | 0.34                    |
| CWAG-153K | 153K  | 15000 $\pm$ 10%          | 11.3                           | 0.17                         | 0.23  | 0.27                    |
| CWAG-183K | 183K  | 18000 $\pm$ 10%          | 14.2                           | 0.16                         | 0.22  | 0.25                    |
| CWAG-223K | 223K  | 22000 $\pm$ 10%          | 18.0                           | 0.14                         | 0.18  | 0.22                    |
| CWAG-273K | 273K  | 27000 $\pm$ 10%          | 20.5                           | 0.13                         | 0.17  | 0.21                    |
| CWAG-104K | 104K  | 100000 $\pm$ 10%         | 82.4                           | 0.06                         | 0.08  | 0.10                    |

※ Specifications other than the above will be furnished upon request.



## RADIAL TYPE CHOKE COILS

**Specification table of Radial type Choke Coils CWAC (H500-0097)**

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>Within | D.C.R.<br>( $\Omega$ )<br>Max. | RATED CURRENT<br>(A)<br>Max. |      | S.R.F.<br>(MHz)<br>Ref. |
|-----------|-------|------------------------------------|--------------------------------|------------------------------|------|-------------------------|
|           |       |                                    |                                | Idc1                         | Idc2 |                         |
| CWAC-3R9M | 3R9M  | 3.9 $\pm$ 20%                      | 11m                            | 10.8                         | 8.6  | 62.0                    |
| CWAC-4R7M | 4R7M  | 4.7 $\pm$ 20%                      | 12m                            | 9.7                          | 8.3  | 52.0                    |
| CWAC-5R6M | 5R6M  | 5.6 $\pm$ 20%                      | 13m                            | 9.2                          | 7.7  | 40.0                    |
| CWAC-6R8M | 6R8M  | 6.8 $\pm$ 20%                      | 15m                            | 8.4                          | 7.3  | 33.0                    |
| CWAC-8R2M | 8R2M  | 8.2 $\pm$ 20%                      | 16m                            | 7.5                          | 6.8  | 27.0                    |
| CWAC-100K | 100K  | 10 $\pm$ 10%                       | 18m                            | 6.8                          | 6.4  | 19.5                    |
| CWAC-120K | 120K  | 12 $\pm$ 10%                       | 19m                            | 6.2                          | 6.1  | 16.9                    |
| CWAC-150K | 150K  | 15 $\pm$ 10%                       | 25m                            | 5.6                          | 5.4  | 13.5                    |
| CWAC-180K | 180K  | 18 $\pm$ 10%                       | 28m                            | 5.2                          | 5.3  | 13.0                    |
| CWAC-220K | 220K  | 22 $\pm$ 10%                       | 30m                            | 4.8                          | 5.0  | 12.5                    |
| CWAC-270K | 270K  | 27 $\pm$ 10%                       | 36m                            | 4.3                          | 4.5  | 9.8                     |
| CWAC-330K | 330K  | 33 $\pm$ 10%                       | 45m                            | 3.9                          | 4.0  | 9.1                     |
| CWAC-390K | 390K  | 39 $\pm$ 10%                       | 51m                            | 3.5                          | 3.7  | 8.3                     |
| CWAC-470K | 470K  | 47 $\pm$ 10%                       | 56m                            | 3.2                          | 3.5  | 7.8                     |
| CWAC-560K | 560K  | 56 $\pm$ 10%                       | 71m                            | 3.0                          | 3.1  | 7.0                     |
| CWAC-680K | 680K  | 68 $\pm$ 10%                       | 81m                            | 2.7                          | 2.9  | 6.0                     |
| CWAC-820K | 820K  | 82 $\pm$ 10%                       | 103m                           | 2.4                          | 2.4  | 5.2                     |
| CWAC-101K | 101K  | 100 $\pm$ 10%                      | 0.13                           | 2.2                          | 2.1  | 4.7                     |
| CWAC-121K | 121K  | 120 $\pm$ 10%                      | 0.14                           | 2.0                          | 2.0  | 4.3                     |
| CWAC-151K | 151K  | 150 $\pm$ 10%                      | 0.17                           | 1.8                          | 1.9  | 4.1                     |
| CWAC-181K | 181K  | 180 $\pm$ 10%                      | 0.22                           | 1.6                          | 1.6  | 3.5                     |
| CWAC-221K | 221K  | 220 $\pm$ 10%                      | 0.24                           | 1.5                          | 1.5  | 3.2                     |
| CWAC-271K | 271K  | 270 $\pm$ 10%                      | 0.32                           | 1.3                          | 1.3  | 2.8                     |
| CWAC-331K | 331K  | 330 $\pm$ 10%                      | 0.37                           | 1.2                          | 1.2  | 2.5                     |
| CWAC-391K | 391K  | 390 $\pm$ 10%                      | 0.44                           | 1.1                          | 1.1  | 2.4                     |
| CWAC-471K | 471K  | 470 $\pm$ 10%                      | 0.56                           | 1.0                          | 0.96 | 2.0                     |
| CWAC-561K | 561K  | 560 $\pm$ 10%                      | 0.63                           | 0.88                         | 0.91 | 1.9                     |
| CWAC-681K | 681K  | 680 $\pm$ 10%                      | 0.76                           | 0.80                         | 0.82 | 1.8                     |
| CWAC-821K | 821K  | 820 $\pm$ 10%                      | 0.90                           | 0.78                         | 0.76 | 1.6                     |
| CWAC-102K | 102K  | 1000 $\pm$ 10%                     | 1.1                            | 0.70                         | 0.70 | 1.5                     |
| CWAC-122K | 122K  | 1200 $\pm$ 10%                     | 1.3                            | 0.65                         | 0.63 | 1.3                     |
| CWAC-152K | 152K  | 1500 $\pm$ 10%                     | 1.6                            | 0.57                         | 0.56 | 1.1                     |
| CWAC-182K | 182K  | 1800 $\pm$ 10%                     | 1.9                            | 0.52                         | 0.50 | 1.0                     |
| CWAC-222K | 222K  | 2200 $\pm$ 10%                     | 2.4                            | 0.48                         | 0.45 | 0.97                    |
| CWAC-272K | 272K  | 2700 $\pm$ 10%                     | 3.0                            | 0.42                         | 0.38 | 0.84                    |
| CWAC-332K | 332K  | 3300 $\pm$ 10%                     | 3.7                            | 0.37                         | 0.37 | 0.76                    |
| CWAC-392K | 392K  | 3900 $\pm$ 10%                     | 4.6                            | 0.35                         | 0.34 | 0.73                    |
| CWAC-472K | 472K  | 4700 $\pm$ 10%                     | 5.5                            | 0.32                         | 0.30 | 0.66                    |
| CWAC-562K | 562K  | 5600 $\pm$ 10%                     | 6.2                            | 0.29                         | 0.28 | 0.63                    |
| CWAC-682K | 682K  | 6800 $\pm$ 10%                     | 7.3                            | 0.26                         | 0.26 | 0.49                    |
| CWAC-822K | 822K  | 8200 $\pm$ 10%                     | 9.2                            | 0.24                         | 0.22 | 0.47                    |
| CWAC-103K | 103K  | 10000 $\pm$ 10%                    | 11.5                           | 0.22                         | 0.21 | 0.40                    |
| CWAC-123K | 123K  | 12000 $\pm$ 10%                    | 13.0                           | 0.20                         | 0.20 | 0.38                    |
| CWAC-153K | 153K  | 15000 $\pm$ 10%                    | 16.0                           | 0.18                         | 0.17 | 0.35                    |
| CWAC-183K | 183K  | 18000 $\pm$ 10%                    | 18.6                           | 0.16                         | 0.16 | 0.32                    |
| CWAC-223K | 223K  | 22000 $\pm$ 10%                    | 24.4                           | 0.14                         | 0.14 | 0.30                    |
| CWAC-273K | 273K  | 27000 $\pm$ 10%                    | 28.8                           | 0.13                         | 0.13 | 0.27                    |
| CWAC-333K | 333K  | 33000 $\pm$ 10%                    | 41.0                           | 0.12                         | 0.11 | 0.26                    |
| CWAC-393K | 393K  | 39000 $\pm$ 14%                    | 46.5                           | 0.10                         | 0.10 | 0.25                    |
| CWAC-473K | 473K  | 47000 $\pm$ 10%                    | 57.0                           | 0.09                         | 0.09 | 0.21                    |

※ Specifications other than the above will be furnished upon request.





## RADIAL TYPE CHOKE COILS

Specification table of Radial type Choke Coils CWCD (H500-0092)

| PART No.  | STAMP | INDUCTANCE<br>( $\mu$ H)<br>WITHIN | D.C.R.<br>( $\Omega$ )<br>MAX. | RATED CURRENT<br>(A) MAX. |      | S.R.F.<br>(MHz)<br>Ref. |
|-----------|-------|------------------------------------|--------------------------------|---------------------------|------|-------------------------|
|           |       |                                    |                                | Idc1                      | Idc2 |                         |
| CWCD-2R7M | 2R7M  | 2.7 $\pm$ 20%                      | 10.0m                          | 16                        | 9.3  | 77                      |
| CWCD-3R3M | 3R3M  | 3.3 $\pm$ 20%                      | 11.0m                          | 16                        | 8.5  | 57                      |
| CWCD-4R7M | 4R7M  | 4.7 $\pm$ 20%                      | 12.5m                          | 14.7                      | 7.9  | 54                      |
| CWCD-5R6M | 5R6M  | 5.6 $\pm$ 20%                      | 13.5m                          | 13.5                      | 7.7  | 48                      |
| CWCD-6R8M | 6R8M  | 6.8 $\pm$ 20%                      | 15.0m                          | 12.0                      | 7.4  | 47                      |
| CWCD-8R2M | 8R2M  | 8.2 $\pm$ 20%                      | 17.5m                          | 10.5                      | 6.8  | 32                      |
| CWCD-100K | 100K  | 10 $\pm$ 10%                       | 19.0m                          | 9.7                       | 6.5  | 27                      |
| CWCD-120K | 120K  | 12 $\pm$ 10%                       | 21.5m                          | 8.4                       | 5.9  | 19                      |
| CWCD-150K | 150K  | 15 $\pm$ 10%                       | 23.0m                          | 8.2                       | 5.7  | 16                      |
| CWCD-180K | 180K  | 18 $\pm$ 10%                       | 26.0m                          | 7.4                       | 5.5  | 11                      |
| CWCD-220K | 220K  | 22 $\pm$ 10%                       | 29.0m                          | 6.7                       | 5.4  | 9.9                     |
| CWCD-270K | 270K  | 27 $\pm$ 10%                       | 34.0m                          | 6.0                       | 4.8  | 9.3                     |
| CWCD-330K | 330K  | 33 $\pm$ 10%                       | 37.0m                          | 5.5                       | 4.4  | 8.4                     |
| CWCD-390K | 390K  | 39 $\pm$ 10%                       | 42.0m                          | 5.1                       | 4.3  | 7.1                     |
| CWCD-470K | 470K  | 47 $\pm$ 10%                       | 47.0m                          | 4.5                       | 4.1  | 6.4                     |
| CWCD-560K | 560K  | 56 $\pm$ 10%                       | 56.0m                          | 4.2                       | 3.8  | 6.0                     |
| CWCD-680K | 680K  | 68 $\pm$ 10%                       | 74.0m                          | 3.7                       | 3.2  | 5.4                     |
| CWCD-820K | 820K  | 82 $\pm$ 10%                       | 85.0m                          | 3.3                       | 2.9  | 4.8                     |
| CWCD-101K | 101K  | 100 $\pm$ 10%                      | 0.11                           | 3.0                       | 2.6  | 4.2                     |
| CWCD-121K | 121K  | 120 $\pm$ 10%                      | 0.12                           | 2.8                       | 2.4  | 3.7                     |
| CWCD-151K | 151K  | 150 $\pm$ 10%                      | 0.15                           | 2.5                       | 2.2  | 3.2                     |
| CWCD-181K | 181K  | 180 $\pm$ 10%                      | 0.17                           | 2.3                       | 2.1  | 3.1                     |
| CWCD-221K | 221K  | 220 $\pm$ 10%                      | 0.22                           | 2.1                       | 1.8  | 2.8                     |
| CWCD-271K | 271K  | 270 $\pm$ 10%                      | 0.25                           | 1.9                       | 1.6  | 2.5                     |
| CWCD-331K | 331K  | 330 $\pm$ 10%                      | 0.34                           | 1.7                       | 1.4  | 2.2                     |
| CWCD-391K | 391K  | 390 $\pm$ 10%                      | 0.38                           | 1.6                       | 1.3  | 2.0                     |
| CWCD-471K | 471K  | 470 $\pm$ 10%                      | 0.44                           | 1.4                       | 1.2  | 1.8                     |
| CWCD-561K | 561K  | 560 $\pm$ 10%                      | 0.48                           | 1.3                       | 1.1  | 1.7                     |
| CWCD-681K | 681K  | 680 $\pm$ 10%                      | 0.60                           | 1.2                       | 1.0  | 1.5                     |
| CWCD-821K | 821K  | 820 $\pm$ 10%                      | 0.69                           | 1.1                       | 0.95 | 1.4                     |
| CWCD-102K | 102K  | 1000 $\pm$ 10%                     | 1.0                            | 0.96                      | 0.80 | 1.3                     |
| CWCD-122K | 122K  | 1200 $\pm$ 10%                     | 1.1                            | 0.88                      | 0.77 | 1.2                     |
| CWCD-152K | 152K  | 1500 $\pm$ 10%                     | 1.3                            | 0.80                      | 0.63 | 1.0                     |
| CWCD-182K | 182K  | 1800 $\pm$ 10%                     | 1.5                            | 0.73                      | 0.62 | 0.95                    |
| CWCD-222K | 222K  | 2200 $\pm$ 10%                     | 2.1                            | 0.66                      | 0.51 | 0.81                    |
| CWCD-272K | 272K  | 2700 $\pm$ 10%                     | 2.4                            | 0.60                      | 0.48 | 0.76                    |
| CWCD-332K | 332K  | 3300 $\pm$ 10%                     | 2.8                            | 0.54                      | 0.45 | 0.71                    |
| CWCD-392K | 392K  | 3900 $\pm$ 10%                     | 3.4                            | 0.50                      | 0.39 | 0.63                    |
| CWCD-472K | 472K  | 4700 $\pm$ 10%                     | 4.0                            | 0.45                      | 0.38 | 0.57                    |
| CWCD-562K | 562K  | 5600 $\pm$ 10%                     | 5.0                            | 0.41                      | 0.33 | 0.51                    |
| CWCD-682K | 682K  | 6800 $\pm$ 10%                     | 5.7                            | 0.38                      | 0.30 | 0.47                    |
| CWCD-822K | 822K  | 8200 $\pm$ 10%                     | 7.0                            | 0.34                      | 0.28 | 0.45                    |
| CWCD-103K | 103K  | 10000 $\pm$ 10%                    | 7.9                            | 0.31                      | 0.27 | 0.41                    |
| CWCD-123K | 123K  | 12000 $\pm$ 10%                    | 11                             | 0.27                      | 0.22 | 0.31                    |
| CWCD-153K | 153K  | 15000 $\pm$ 10%                    | 14                             | 0.24                      | 0.20 | 0.3                     |
| CWCD-183K | 183K  | 18000 $\pm$ 10%                    | 17                             | 0.22                      | 0.17 | 0.25                    |
| CWCD-223K | 223K  | 22000 $\pm$ 10%                    | 22                             | 0.20                      | 0.16 | 0.24                    |
| CWCD-273K | 273K  | 27000 $\pm$ 10%                    | 28                             | 0.18                      | 0.13 | 0.22                    |
| CWCD-333K | 333K  | 33000 $\pm$ 10%                    | 34                             | 0.16                      | 0.12 | 0.18                    |
| CWCD-393K | 393K  | 39000 $\pm$ 10%                    | 47                             | 0.15                      | 0.10 | 0.17                    |
| CWCD-473K | 473K  | 47000 $\pm$ 10%                    | 56                             | 0.13                      | 95m  | 0.14                    |
| CWCD-563K | 563K  | 56000 $\pm$ 10%                    | 63                             | 0.12                      | 90m  | 0.13                    |
| CWCD-683K | 683K  | 68000 $\pm$ 10%                    | 87                             | 0.11                      | 80m  | 0.12                    |
| CWCD-823K | 823K  | 82000 $\pm$ 10%                    | 98                             | 0.10                      | 70m  | 0.11                    |
| CWCD-104K | 104K  | 100000 $\pm$ 10%                   | 112                            | 95m                       | 60m  | 0.10                    |

※ Specifications other than the above will be furnished upon request.