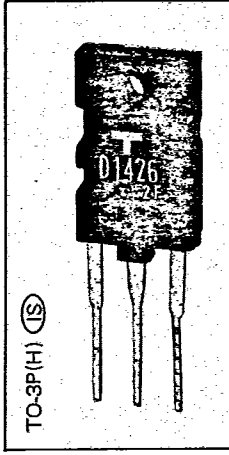


9097250 TOSHIBA (DISCRETE/OPTO)

67C 08895

D T-33-01

(13) TO-3P(H) (IS) PACKAGE SERIES

Application

| Type No. | IC (A) | VCBO *V _{CE} S (V) | P _C T _C =25°C (W) | h _{FE} | | -V _{CE(sat)} MAX. | | | f _T TYP. | | | Cob TYP. | | SW Time | |
|----------|--------|--------------------------------|--|---------------------|--------|----------------------------|--------|--------|---------------------|---------------------|--------|-------------|---------------------|----------------------------|--------------------------|
| | | | | V _{CE} (V) | IC (A) | V (V) | IC (A) | IB (A) | (MHz) | V _{CE} (V) | IC (A) | f=1MHz (pF) | V _{CB} (V) | t _{stg} TYP. (μs) | t _r TYP. (μs) |
| 2SD1543 | 2.5 | 1500 | 40 | 5 | 0.5 | 8 | 2.0 | 0.6 | 3 | 10 | 0.1 | 95 | 10 | 1 | MAX. |
| 2SD1553 | | | | 5 | 0.5 | 8 | 2.0 | 0.6 | 3 | 10 | 0.1 | 95 | 10 | 1 | MAX. |
| 2SD1544 | 3.5 | 1500 | 40 | 5 | 0.5 | 8 | 3.0 | 0.8 | 3 | 10 | 0.1 | 95 | 10 | 1 | MAX. |
| 2SD1554 | | | | 5 | 0.5 | 8 | 3.0 | 0.8 | 3 | 10 | 0.1 | 95 | 10 | 1 | MAX. |
| 2SD1545 | 5 | 1500 | 50 | 5 | 1 | 5 | 4.0 | 0.8 | 3 | 10 | 0.1 | 165 | 10 | 1 | MAX. |
| 2SD1555 | | | | 5 | 1 | 5 | 4.0 | 0.8 | 3 | 10 | 0.1 | 165 | 10 | 1 | MAX. |
| S2000F | 5 | *1500 | 50 | 2.25 | 5 | 5 | 4.5 | 2 | 3 | 5 | 0.1 | 125 | 10 | 10 | 0.7 |
| S2055F | 5 | *1500 | 50 | 2.25 | 5 | 5 | 4.5 | 2 | 3 | 5 | 0.1 | 125 | 10 | 10 | 0.7 |
| S2000AF | 5 | *1500 | 50 | 2.25 | 5 | 5 | 4.5 | 2 | 3 | 5 | 0.1 | 125 | 10 | 10 | 0.7 |
| S2055AF | 5 | *1500 | 50 | 2.25 | 5 | 5 | 4.5 | 2 | 3 | 5 | 0.1 | 125 | 10 | 10 | 0.7 |
| 2SD1546 | 6 | 1500 | 50 | 5 | 1 | 5 | 5.0 | 1.0 | 3 | 10 | 0.1 | 165 | 10 | 1 | MAX. |
| 2SD1556 | | | | 5 | 1 | 5 | 5.0 | 1.0 | 3 | 10 | 0.1 | 165 | 10 | 1 | MAX. |
| 2SD1547 | 7 | 1500 | 50 | 8 | 1 | 5 | 6.0 | 1.2 | 3 | 10 | 0.1 | 165 | 10 | 1 | MAX. |
| 2SD1548 | 10 | 1400 | 50 | 8 | 2 | 5 | 8 | 2 | 3 | 10 | 0.1 | 165 | 10 | 1 | MAX. |

TV.HOR.OUT

(Built-in Damper)

(Built-in Damper)

(Built-in Damper)

(Built-in Damper)

(Built-in Damper)

(Built-in Damper)