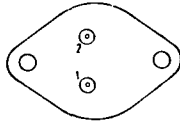


POWER TRANSISTORS — BIPOLAR METAL (continued)

TO-66 Package



CASE 80-02

STYLE 1:

- PIN 1. BASE
- 2. EMITTER
- CASE. COLLECTOR

| I _C Cont Amps Max | V _{CEO (sus)} Volts Min | Device Type | | h _{FE} Min/Max | @ I _C Amp | Resistive Switching | | | f _T MHz Min | P _D (Case) Watts @ 25°C |
|---------------------------------|-------------------------------------|------------------------------|----------------------------|----------------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|------------------------------|------------------------------------------|
| | | NPN | PNP | | | t _s μs Max | t _r μs Max | @ I _C Amp | | |
| | | | | | | | | | | |
| 1 | 40 | 2N4910 | 2N4898 | 20/100 | 0.5 | 0.6 typ | 0.3 typ | 0.5 | 3 | 25 |
| | 60 | 2N4911 | 2N4899 | 20/100 | 0.5 | 0.6 typ | 0.3 typ | 0.5 | 3 | 25 |
| | 80 | 2N4912 | 2N4900 | 20/100 | 0.5 | 0.6 typ | 0.3 typ | 0.5 | 3 | 25 |
| | 175 | 2N3583 | 2N6420 | 40/200 | 0.5 | 2 typ | 0.23 typ | 0.5 | 10 | 35 |
| | 225 | 2N3738 | 2N6424 | 40/200 | 0.1 | 3 typ | 0.3 typ | 0.1 | 10 | 20 |
| | 250 | | 2N5344 | 25/100 | 0.5 | 0.6 | 0.1 | 0.5 | 60 | 40 |
| 300 | | 2N3739 | 2N5345 | 40/200 | 0.1 | 3 typ | 0.3 typ | 0.1 | 10 | 20 |
| | | 25/100 | | 0.5 | 0.6 | 0.1 | 0.5 | 60 | 40 | |
| 2 | 225 | | 2N6211 | 10/100 | 1 | 2.5 | 0.6 | 1 | 20 | 35 |
| | 250 | 2N3584 | | 25/100 | 1 | 4 | 3 | 1 | 10 | 35 |
| | 300 | 2N3585 2N4240 | 2N6212 | 10/100 | 1 | 2.5 | 0.6 | 1 | 20 | 35 |
| | | | | 25/100 | 1 | 4 | 3 | 1 | 10 | 35 |
| 350 | | 2N6213 | 10/100 | 1 | 2.5 | 0.6 | 1 | 20 | 35 | |
| 3 | 140 | 2N3441 | | 25/100 | 0.5 | | | | 0.2 | 25 |
| 4 | 60 | 2N3054,A 2N3766 2N6294 | 2N3740 2N6049 2N6296 | 30/100 | 0.25 | 1.3 typ | 0.27 typ | 0.25 | 4 | 25 |
| | | | | 25/100 | 0.5 | 1 typ | 0.3 typ | 0.5 | 3 | 75 |
| 40/160 | | | | 0.5 | 0.9 typ | 0.09 typ | 0.5 | 10 | 20 | |
| 750/18k | | | | 2 | 0.9 typ | 0.7 typ | 2 | 4# | 50 | |
| 80 | 2N3767 2N6295 | 2N3741,A 2N6297 | 30/100 | 0.25 | 1.3 typ | 0.27 typ | 0.25 | 4 | 25 | |
| | | | 40/160 | 0.5 | 0.9 typ | 0.09 typ | 0.5 | 10 | 20 | |
| 750/18k | 2 | 0.9 typ | 0.7 typ | 2 | 4 | 50 | | | | |
| 5 | 225 | 2N6233 | | 25/125 | 1 | 3.5 | 0.5 | 1 | 20 | 50 |
| | 325 | 2N6235 | | 25/125 | 1 | 3.5 | 0.5 | 1 | 20 | 50 |
| 7 | 60 | 2N6315 | 2N6317 | 20/100 | 2.5 | 1 | 0.8 | 2.5 | 4 | 90 |
| | 80 | 2N5427 2N5428 2N6316 | 2N6318 | 30/120 | 2 | 2 | 0.2 | 2 | 30 | 40 |
| | | | | 60/240 | 2 | 2 | 0.2 | 2 | 30 | 40 |
| | | | | 20/100 | 2.5 | 1 | 0.8 | 2.5 | 4 | 90 |
| 100 | 2N5429 2N5430 | | 30/120 | 2 | 2 | 0.2 | 2 | 30 | 40 | |
| 60/240 | 2 | 2 | 0.2 | 2 | 30 | 40 | | | | |
| 250 | 2N6078 | | 12/70 | 1.2 | 2.8 | 0.3 | 1.2 | 1 | 45 | |
| 8 | 60 | 2N6300 | 2N6298 | 750/18k | 4 | 1.5 typ | 1.5 typ | 4 | 4# | 75 |
| | 80 | 2N6301 | 2N6299 | 750/18k | 4 | 1.5 typ | 1.5 typ | 4 | 4# | 75 |

| h_{fe} | @ 1 MHz