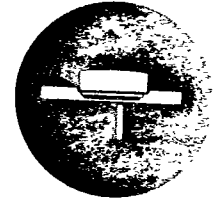


POWER TRANSISTORS

| TYPE NO. | PT @ 25°C Watts | MAXIMUM RATINGS | | | | hFE | | @ | | Sat Voltages | | Test Conditions | | |
|----------|--------------------|-----------------|-------|-------|-----|-----|-----|-----|-----|--------------|-----|-----------------|------|------|
| | | BVCBO | BVCEO | BVEBO | Ic | MIN | MAX | Ic | VCE | VCE | VBE | Ic | Ib | IEBO |
| | | V | V | V | A | | | A | V | V | V | A | A | ma |
| 2N1069 | 50 | 60 | 45 | 9 | 4 | 10 | 50 | 1.5 | 4 | 3 | 4.5 | 1.5 | .3 | .100 |
| 2N1070 | 50 | 60 | 45 | 9 | 4 | 10 | 50 | 1.5 | 4 | 1 | 4.5 | 1.5 | .3 | .100 |
| 2N1487 | 75 | 60 | 40 | 10 | 6 | 15 | 45 | 1.5 | 4 | 3 | 3.5 | 1.5 | .3 | .025 |
| 2N1488 | 75 | 100 | 55 | 10 | 6 | 15 | 45 | 1.5 | 4 | 3 | 3.5 | 1.5 | .3 | .025 |
| 2N1489 | 75 | 60 | 40 | 10 | 6 | 25 | 75 | 1.5 | 4 | 1 | 2.5 | 1.5 | .1 | .025 |
| 2N1490 | 75 | 100 | 55 | 10 | 6 | 27 | 75 | 1.5 | 4 | 1 | 2.5 | 1.5 | .1 | .025 |
| 2N1702 | 75 | 60 | 40 | 6 | 5 | 15 | 60 | .8 | 4 | 3.2 | 4 | .8 | .08 | 1 |
| 2N2305 | 75 | 60 | 40 | 6 | 6 | 15 | 60 | .8 | 4 | 1.2 | 4 | .6 | .06 | 1 |
| 2N3232 | 115 | 80 | 60 | 6 | 7.5 | 18 | 55 | 3 | 10 | 2.5 | 3.5 | 3 | .2 | 1 |
| 2N3233 | 115 | 110 | 100 | 6 | 7.5 | 18 | 55 | 3 | 10 | 2.5 | 3.5 | 3 | .2 | 1 |
| 2N3234 | 115 | 160 | 160 | 6 | 7.5 | 18 | 55 | 3 | 10 | 2.5 | 3.5 | 3 | .2 | 1 |
| 2N3235 | 115 | 65 | 55 | 7 | 15 | 20 | 70 | 4 | 4 | 1.1 | 1.8 | 4 | .4 | 5 |
| 2N3236 | 150 | 90 | 90 | 7 | 15 | 17 | 60 | 5 | 4 | 1.1 | 1.8 | 5 | .5 | 2 |
| 2N3237 | 200 | 90 | 75 | 7 | 20 | 12 | 36 | 10 | 8 | 2 | 3 | 10 | 1.35 | 5 |
| 2N3238 | 150 | 80 | 80 | 8 | 15 | 8.5 | 25 | 10 | 12 | 3 | 4 | 10 | 1.33 | 5 |
| 2N3239 | 150 | 80 | 80 | 8 | 15 | 8.5 | 25 | 10 | 10 | 1 | 2 | 10 | 1.33 | 5 |
| 2N3240 | 150 | 160 | 160 | 8 | 15 | 8.5 | 25 | 10 | 10 | 1 | 2 | 10 | 1.33 | 5 |
| 2N3667 | 150 | 50 | 50 | 7 | 15 | 15 | 60 | 8 | 3 | 1.6 | 2.4 | 8 | .8 | 5 |
| 2N3713 | 150 | 80 | 60 | 7 | 10 | 25 | 75 | 1 | 2 | 1 | 1.5 | 5 | .5 | 1 |
| 2N3714 | 150 | 100 | 80 | 7 | 10 | 25 | 75 | 1 | 2 | 1 | 1.5 | 5 | .5 | 1 |
| 2N3715 | 150 | 80 | 60 | 7 | 10 | 50 | 150 | 1 | 2 | .8 | 1.5 | 5 | .5 | 1 |
| 2N3716 | 150 | 100 | 80 | 7 | 10 | 50 | 150 | 1 | 2 | .8 | 1.5 | 5 | .5 | 1 |
| 2N3863 | 117 | 70 | 50 | 7 | 7.5 | 30 | 60 | 3 | 2 | 1 | 2 | 3 | .2 | 1 |
| 2N3864 | 117 | 110 | 90 | 7 | 7.5 | 30 | 90 | 3 | 2 | 1 | 2 | 3 | .2 | 1 |
| 2N3865 | 117 | 160 | 150 | 7 | 7.5 | 30 | 90 | 3 | 2 | 1 | 2 | 3 | .2 | 1 |
| 2N4913 | 88 | 40 | 40 | 5 | 5 | 25 | 100 | 2.5 | 2 | 1.5 | 1.5 | 5 | 1 | 1 |
| 2N4914 | 88 | 60 | 60 | 5 | 5 | 25 | 100 | 2.5 | 2 | 1.5 | 1.5 | 5 | 1 | 1 |
| 2N4915 | 88 | 80 | 80 | 5 | 5 | 25 | 100 | 2.5 | 2 | 1.5 | 1.5 | 5 | 1 | 1 |



TO-3

POWER-SX