

## COLLECTOR CURRENT = 3.5 AMPS PNP TYPES

| Device No | Case | VCBO<br>Volts | VCEO (sus)<br>Volts | VEBO<br>Volts | hFE |     | VCE | IC  | VCE (sat) | VBE (sat) | @ IC | @ IB | $\theta_{JC}$<br>°C/W | Ft<br>MHz |
|-----------|------|---------------|---------------------|---------------|-----|-----|-----|-----|-----------|-----------|------|------|-----------------------|-----------|
|           |      |               |                     |               | Min | Max |     |     |           |           |      |      |                       |           |
| 2N5781    | TO-5 | 80            | 65                  | 5             | 20  | 100 | 2   | 1   | .5        | 1.5       | 1    | .1   | 17.5                  | 10        |
| 2N5783    | TO-5 | 45            | 40                  | 3.5           | 20  | 100 | 2   | 1.6 | 1         | 1.5       | 1.6  | .16  | 17.5                  | 10        |

## COLLECTOR CURRENT = 4 AMPS NPN TYPES

| Device No | Case  | VCBO<br>Volts | VCEO (sus)<br>Volts | VEBO<br>Volts | hFE |     | VCE | IC  | VCE (sat) | VBE (sat) | @ IC | @ IB | $\theta_{JC}$<br>°C/W | Ft<br>MHz |
|-----------|-------|---------------|---------------------|---------------|-----|-----|-----|-----|-----------|-----------|------|------|-----------------------|-----------|
|           |       |               |                     |               | Min | Max |     |     |           |           |      |      |                       |           |
| 2N3054    | TO-66 | 90            | 55                  | 7             | 25  | 150 | 4   | .5  | 1         | 1.7       | .5   | .05  | 7                     | .8        |
| 2N3054A   | TO-66 | 90            | 55                  | 7             | 25  | 150 | 4   | .5  | 1         | 1.7       | .5   | .05  | 2.33                  | 3         |
| 2N4877    | TO-5  | 70            | 60                  | 5             | 20  | 100 | 2   | 4   | 1         | 1.8       | 4    | .4   | 18                    | 30        |
| 2N5320    | TO-5  | 100           | 75                  | 7             | 30  | 130 | 4   | .5  | .5        | 1.1       | .5   | .05  | 17.5                  | 50        |
| 2N5321    | TO-5  | 75            | 50                  | 7             | 40  | 250 | 4   | .5  | .8        | 1.4       | .5   | .05  | 17.5                  | 50        |
| 2N6261    | TO-66 | 90            | 80                  | 7             | 25  | 100 | 2   | 1.5 | .5        | 1.5       | 1.5  | .15  | 3.5                   | .8        |
| 2N6263    | TO-66 | 140           | 120                 | 7             | 20  | 100 | 4   | .5  | 1.2       | 2         | .5   | .05  | 8.75                  | .8        |
| 2N6264    | TO-66 | 170           | 150                 | 7             | 20  | 60  | 2   | 1   | .5        | 1.5       | 1    | .1   | 3.5                   | .8        |
| 2N6465    | TO-66 | 110           | 100                 | 5             | 15  | 150 | 4   | 1.5 | 3         | 3.5       | 4    | .8   | 2.2                   | 5         |
| 2N6466    | TO-66 | 130           | 120                 | 5             | 15  | 150 | 4   | 1.5 | 3         | 3.5       | 4    | .8   | 2.2                   | 5         |

## COLLECTOR CURRENT = 4 AMPS PNP TYPES

| Device No | Case  | VCBO<br>Volts | VCEO (sus)<br>Volts | VEBO<br>Volts | hFE |     | VCE | IC  | VCE (sat) | VBE (sat) | @ IC | @ IB | $\theta_{JC}$<br>°C/W | Ft<br>MHz |
|-----------|-------|---------------|---------------------|---------------|-----|-----|-----|-----|-----------|-----------|------|------|-----------------------|-----------|
|           |       |               |                     |               | Min | Max |     |     |           |           |      |      |                       |           |
| 2N5322    | TO-5  | 100           | 75                  | 5             | 30  | 130 | 4   | .5  | .7        | 1.1       | .5   | .05  | 17.5                  | 50        |
| 2N5323    | TO-5  | 75            | 50                  | 5             | 40  | 250 | 4   | .5  | 1.2       | 1.4       | .5   | .05  | 17.5                  | 50        |
| 2N6049    | TO-66 | 90            | 55                  | 7             | 25  | 100 | 4   | .5  | .5        | 1         | .5   | .05  | 2.3                   | 3         |
| 2N6467    | TO-66 | 110           | 100                 | 5             | 15  | 150 | 4   | 1.5 | 1.2       | 2         | 1.5  | .15  | 4.3                   | 5         |
| 2N6468    | TO-66 | 130           | 120                 | 5             | 15  | 150 | 4   | 1.5 | 1.2       | 2         | 1.5  | .15  | 4.3                   | 5         |
| 2N6500    | TO-66 | 120           | 90                  | 7             | 15  | 60  | 2   | 3   | 1.5       | 2.5       | 3    | .3   | 1.9                   | 60        |
| AP1077    | TO-66 | 170           | 150                 | 6             | 20  | 60  | 2   | 1   | .5        | 1.5       | 1    | .1   | 3.5                   | 4         |
| AP1104    | TO-66 | 140           | 120                 | 6             | 20  | 100 | 4   | .5  | 1.2       | 2         | .5   | .05  | 8.75                  | 4         |

