

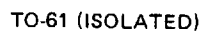
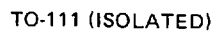
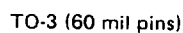
## COLLECTOR CURRENT = 10 AMPS NPN TYPES—Continued

| 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 |     |    |           |           |      |      |                       |           |
| 2N6262    | TO-3    | 170           | 150                 | 7             | 20  | 70  | 2   | 3  | 1.5       | 2.2       | 1.5  | .15  | 1.2                   | 20        |
| 2N6350    | TO-33   | 80            | 80                  | 12            | 2K  | 10K | 5   | 5  | 1.5       | 2.5       | 5    | .005 | 20                    | 30        |
| 2N6351    | TO-33   | 150           | 150                 | 12            | 1K  | 10K | 5   | 5  | 1.5       | 2.5       | 5    | .005 | 20                    | 30        |
| 2N6352    | TO-66/3 | 80            | 80                  | 12            | 2K  | 10K | 5   | 5  | 1.5       | 2.5       | 5    | .005 | 4                     | 30        |
| 2N6353    | TO-66/3 | 150           | 150                 | 12            | 1K  | 10K | 5   | 5  | 1.5       | 2.5       | 5    | .005 | 4                     | 30        |
| 2N6354    | TO-3    | 150           | 120                 | 6             | 10  | 100 | 2   | 10 | 1         | 2         | 10   | 1    | 1.25                  | 80        |
| 2N6383    | TO-3    | 40            | 40                  | 5             | 100 |     | 3   | 5  | 2         | 2.8       | 5    | .1   | 1.75                  | 20        |
| 2N6384    | TO-3    | 60            | 60                  | 5             | 100 |     | 3   | 5  | 2         | 2.8       | 5    | .1   | 1.75                  | 20        |
| 2N6385    | TO-3    | 80            | 80                  | 5             | 100 |     | 3   | 5  | 2         | 2.8       | 5    | .1   | 1.75                  | 20        |
| 2N6495    | TO-66   | 150           | 80                  | 6             | 10  | 60  | 3   | 10 | 1.5       | 2.2       | 10   | .1   | 2                     | 25        |

## COLLECTOR CURRENT = 10 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 |     |     |           |           |      |      |                       |           |
| 2N5007    | TO-61/1  | 100           | 80                  | 5.5           | 30  | 90  | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 1.5                   | 40        |
| 2N5009    | TO-61/1  | 100           | 80                  | 5.5           | 70  | 200 | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 1.5                   | 40        |
| 2N5151    | TO-5     | 100           | 80                  | 5.5           | 30  | 90  | 5   | 2.5 | 1.5       | 2.2       | 5    | .5   | 25                    | 60        |
| 2N5153    | TO-5     | 100           | 80                  | 5.5           | 70  | 200 | 5   | 2.5 | 1.5       | 2.2       | 5    | .5   | 25                    | 70        |
| 2N5290    | TO-61/1  | 100           | 100                 | 5.5           | 30  | 90  | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 15                    | 40        |
| 2N5291    | TO-61/1  | 100           | 100                 | 5.5           | 70  | 200 | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 15                    | 40        |
| 2N5316    | TO-61/1  | 80            | 80                  | 6             | 30  | 90  | 5   | 5   | 1         | 2         | 5    | .5   | 2                     | 40        |
| 2N5318    | TO-61/1  | 100           | 100                 | 6             | 30  | 90  | 5   | 5   | 1         | 2         | 5    | .5   | 2                     | 40        |
| 2N5386    | TO-61    | 100           | 80                  | 6             | 20  | 80  | 4   | 6   | .6        | 1.2       | 6    | .6   | 2                     | 40        |
| 2N5621    | TO-3     | 80            | 60                  | 5.5           | 70  | 200 | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 1.5                   | 40        |
| 2N5623    | TO-3     | 100           | 80                  | 5.5           | 30  | 90  | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 1.5                   | 40        |
| 2N5625    | TO-3     | 100           | 80                  | 5.5           | 70  | 200 | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 1.5                   | 40        |
| 2N5627    | TO-3     | 120           | 100                 | 5.5           | 30  | 90  | 5   | 5   | 1.5       | 2.2       | 10   | 1    | 1.5                   | 40        |
| 2N5677    | TO-61    | 125           | 100                 | 6             | 30  | 90  | 5   | 5   | .6        | 1.2       | 5    | .5   | 2                     | 40        |
| 2N5737    | TO-3     | 60            | 60                  | 5             | 20  | 80  | 5   | 5   | .5        | 1.2       | 5    | .5   | 1.5                   | 50        |
| 2N5738    | TO-3     | 100           | 100                 | 5             | 20  | 80  | 5   | 5   | .5        | 1.2       | 5    | .5   | 1.5                   | 50        |
| 2N5739    | TO-66    | 60            | 60                  | 5             | 20  | 80  | 5   | 5   | .5        | 1.2       | 5    | .5   | 5                     | 50        |
| 2N5740    | TO-66    | 100           | 100                 | 5             | 20  | 80  | 5   | 5   | .5        | 1.2       | 5    | .5   | 5                     | 50        |
| 2N5853    | TO-61/1  | 100           | 80                  | 6             | 30  | 90  | 5   | 5   | .9        | 1.8       | 5    | .5   | 1.5                   | 20        |
| 2N6127    | TO-61/1  | 100           | 80                  | 5             | 30  | 120 | 5   | 5   | .9        | 1.8       | 5    | .5   | 1.5                   | 40        |
| 2N6186    | TO-111/1 | 80            | 80                  | 6             | 30  | 120 | 2   | 2   | 1.2       | 2         | 10   | .1   | 2.9                   | 30        |
| 2N6187    | TO-111/1 | 80            | 80                  | 6             | 60  | 240 | 2   | 2   | 1.2       | 2         | 10   | .1   | 2.9                   | 30        |
| 2N6188    | TO-111/1 | 100           | 100                 | 6             | 30  | 120 | 2   | 2   | 1.2       | 2         | 10   | .1   | 2.9                   | 30        |
| 2N6189    | TO-111/1 | 100           | 100                 | 6             | 60  | 240 | 2   | 2   | 1.2       | 2         | 10   | .1   | 2.9                   | 30        |
| 2N6190    | TO-5     | 80            | 80                  | 6             | 30  | 120 | 2   | 2   | 1.2       | 1.8       | 5    | .5   | 17                    | 50        |
| 2N6191    | TO-5     | 80            | 80                  | 6             | 60  | 240 | 2   | 2   | 1.2       | 1.8       | 5    | .5   | 17                    | 30        |
| 2N6192    | TO-5     | 100           | 100                 | 6             | 30  | 120 | 2   | 2   | 1.2       | 1.8       | 5    | .5   | 17                    | 50        |
| 2N6193    | TO-5     | 100           | 100                 | 6             | 60  | 240 | 2   | 2   | 1.2       | 1.8       | 5    | .5   | 17                    | 30        |
| 2N6226    | TO-3     | 100           | 100                 | 7             | 25  | 100 | 2   | 3   | 1         | 1.5       | 3    | .3   | 1.2                   | 1         |
| 2N6227    | TO-3     | 120           | 120                 | 7             | 20  | 80  | 2   | 3   | 1         | 1.5       | 3    | .3   | 1.2                   | 1         |

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