

COLLECTOR CURRENT = 5 AMPS NPN TYPES—Continued

| Device No | Case | VCBO Volts | VCEO (sus) Volts | VEBO Volts | hFE | | VCE | IC | VCE (sat) | VBE (sat) | @ IC | @ IB | θ_{JC} °C/W | Ft MHz |
|-------------|----------|---------------|---------------------|---------------|-----|-----|-----|-----|-----------|-----------|------|------|-----------------------|-----------|
| | | | | | Min | Max | | | | | | | | |
| 2N2891 | TO-5 | 100 | 80 | 5 | 50 | 150 | 2 | 1 | .75 | 1.3 | 2 | .2 | 25 | 60 |
| 2N2892 | TO-111 | 100 | 80 | 5 | 30 | 90 | 2 | 1 | .75 | 1.3 | 2 | .2 | 3.3 | 60 |
| 2N2893 | TO-111 | 100 | 80 | 5 | 50 | 150 | 2 | 1 | .75 | 1.3 | 2 | .2 | 3.3 | 60 |
| 2N2984 | TO-5 | 185 | 120 | 8 | 20 | 60 | 5 | 1 | 1.25 | 2 | 2 | .4 | 25 | 60 |
| 2N2985 | TO-5 | 155 | 80 | 8 | 40 | 120 | 5 | 1 | 1.25 | 2 | 2 | .4 | 25 | 60 |
| 2N2986 | TO-5 | 185 | 120 | 8 | 40 | 120 | 5 | 1 | 1.25 | 2 | 2 | .4 | 25 | 60 |
| 2N3016 | TO-5 | 100 | 50 | 4 | 60 | 150 | 5 | 1 | .75 | 1.5 | 5 | .5 | 25 | 60 |
| 2N3017 | TO-5 | 100 | 50 | 4 | 60 | 150 | 5 | 1 | .75 | 1.5 | 5 | .5 | 25 | 60 |
| 2N3018 | TO-61/1 | 100 | 50 | 4 | 60 | 150 | 5 | 1 | .75 | 1.5 | 5 | .5 | 1 | 60 |
| 2N3418 | TO-5 | 85 | 60 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JAN 2N3418 | TO-5 | 85 | 60 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTX 2N3418 | TO-5 | 85 | 60 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTXV 2N3418 | TO-5 | 85 | 60 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| 2N3419 | TO-5 | 125 | 80 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JAN 2N3419 | TO-5 | 125 | 80 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTX 2N3419 | TO-5 | 125 | 80 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTXV 2N3419 | TO-5 | 125 | 80 | 8 | 20 | 60 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| 2N3420 | TO-5 | 85 | 60 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JAN 2N3420 | TO-5 | 85 | 60 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTX 2N3420 | TO-5 | 85 | 60 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTXV 2N3420 | TO-5 | 85 | 60 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| 2N3421 | TO-5 | 125 | 80 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JAN 2N3421 | TO-5 | 125 | 80 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTX 2N3421 | TO-5 | 125 | 80 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| JTXV 2N3421 | TO-5 | 125 | 80 | 8 | 40 | 120 | 2 | 1 | .5 | 1.4 | 2 | .2 | 25 | 60 |
| 2N3469 | TO-5 | 35 | 25 | 8 | 100 | | 2 | 1 | .5 | 1.5 | 1 | .1 | 25 | 60 |
| 2N3506 | TO-5 | 60 | 40 | 5 | 40 | 200 | 2 | 1.5 | 1 | 1.4 | 1.5 | .15 | 25 | 60 |
| 2N3507 | TO-5 | 80 | 50 | 5 | 30 | 150 | 2 | 1.5 | 1 | 1.4 | 1.5 | .15 | 25 | 60 |
| 2N3583 | TO-66 | 250 | 175 | 6 | 40 | 200 | 10 | .75 | 5 | 1.4 | 1 | .125 | 5 | 10 |
| 2N3584 | TO-66 | 375 | 250 | 6 | 8 | 80 | 2 | 1 | .75 | 1.4 | 1 | .125 | 5 | 10 |
| 2N3585 | TO-66 | 500 | 300 | 6 | 8 | 80 | 2 | 1 | .75 | 1.4 | 1 | .125 | 5 | 10 |
| 2N3619 | TO-5 | 75 | 40 | 4 | 40 | | 5 | 1 | .75 | 1.3 | 1 | .1 | 25 | 60 |
| 2N3623 | TO-5 | 75 | 40 | 4 | 40 | | 5 | 1 | .75 | 1.3 | 1 | .1 | 25 | 60 |
| 2N3627 | TO-5 | 100 | 50 | 4 | 40 | | 5 | 1 | .75 | 1.3 | 1 | .1 | 25 | 60 |
| 2N3675 | TO-5 | 90 | 55 | 7 | 12 | 60 | 1 | 1 | .8 | 1.8 | 1 | .1 | 25 | 60 |
| 2N3676 | TO-5 | 90 | 90 | 7 | 12 | 60 | 1 | 1 | .8 | 1.8 | 1 | .1 | 25 | 60 |
| 2N3744 | TO-111/1 | 60 | 40 | 7 | 20 | 60 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| 2N3745 | TO-111/1 | 80 | 60 | 8 | 20 | 60 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| 2N3746 | TO-111/1 | 100 | 80 | 8 | 20 | 60 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| 2N3747 | TO-111/1 | 60 | 40 | 7 | 40 | 120 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| 2N3748 | TO-111/1 | 80 | 60 | 8 | 40 | 120 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| 2N3749 | TO-111/1 | 100 | 80 | 8 | 40 | 120 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| JAN 2N3749 | TO-111/1 | 110 | 80 | 8 | 40 | 120 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| JTX 2N3749 | TO-111/1 | 110 | 80 | 8 | 40 | 120 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| JTXV 2N3749 | TO-111/1 | 110 | 80 | 8 | 40 | 120 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |
| 2N3750 | TO-111/1 | 60 | 40 | 7 | 100 | 300 | 5 | 1 | .25 | 1.2 | 1 | .1 | 3.33 | 60 |

