

| DEVICE | TYPE | PACKAGE | BVCEO | BVCBO | BVEBO | ICBO @ VCB | HFE @ VC & IC | | COB | FT | NF | | |
|----------|------|------------|---------|---------|---------|------------|---------------|----------|-----|-----|-----|-----|------|
| | | | (V) MIN | (V) MIN | (V) MIN | (mA) MAX | (V) MIN | MAX | | | | (V) | (mA) |
| CS9013D | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 64- 91 | 1 | 50 | 10 | 200 | 6 |
| CS9013E | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 78- 112 | 1 | 50 | 10 | 200 | 6 |
| CS9013F | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 96- 135 | 1 | 50 | 10 | 200 | 6 |
| CS9013G | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 118- 166 | 1 | 50 | 10 | 200 | 6 |
| CS9013H | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 144- 202 | 1 | 50 | 10 | 200 | 6 |
| CS9013I | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 182- 305 | 1 | 50 | 10 | 200 | 6 |
| CS9013J | NPN | TO-92 (72) | 25 | 25 | 3 | 500 | 18 | 278- 465 | 1 | 50 | 10 | 200 | 6 |
| CS9014A | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 60- 150 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014B | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 100- 300 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014C | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 200- 600 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014D | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 400-1000 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014D1 | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 400- 630 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014D2 | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 570- 840 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014D3 | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 760-1000 | 5 | 1 | 3.5 | 125 | 4 |
| CS9014E | NPN | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 800- | 5 | 1 | 3.5 | 125 | 4 |
| CS9015A | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 60- 150 | 5 | 1 | 6 | 200 | 4 |
| CS9015B | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 100- 300 | 5 | 1 | 6 | 200 | 4 |
| CS9015C | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 200- 600 | 5 | 1 | 6 | 200 | 4 |
| CS9015D | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 400-1000 | 5 | 1 | 6 | 200 | 4 |
| CS9015D1 | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 400- 630 | 5 | 1 | 6 | 200 | 4 |
| CS9015D2 | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 570- 840 | 5 | 1 | 6 | 200 | 4 |
| CS9015D3 | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 760-1000 | 5 | 1 | 6 | 200 | 4 |
| CS9015E | PNP | TO-92 (72) | 18 | 18 | 3 | 50 | 18 | 800- | 5 | 1 | 6 | 200 | 4 |
| CS9018D | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 29- 44 | 5 | 1 | 1.7 | 600 | 5 |
| CS9018E | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 40- 59 | 5 | 1 | 1.7 | 600 | 5 |
| CS9018F | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 54- 80 | 5 | 1 | 1.7 | 600 | 5 |
| CS9018G | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 72- 108 | 5 | 1 | 1.7 | 600 | 5 |
| CS9018H | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 97- 146 | 5 | 1 | 1.7 | 600 | 5 |
| CS9018I | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 132- 198 | 5 | 1 | 1.7 | 600 | 5 |
| CS9018J | NPN | TO-92 (72) | 12 | 15 | 3 | 50 | 15 | 182- 273 | 5 | 1 | 1.7 | 600 | 5 |
| CSBD135 | NPN | TO-237 | 25 | 30 | 5 | 100 | 20 | 40- 250 | 2 | 150 | 20 | 150 | |
| CSBD135A | NPN | TO-237 | 25 | 30 | 5 | 100 | 20 | 40- 100 | 2 | 150 | 20 | 150 | |
| CSBD135B | NPN | TO-237 | 25 | 30 | 5 | 100 | 20 | 63- 160 | 2 | 150 | 20 | 150 | |
| CSBD135C | NPN | TO-237 | 25 | 30 | 5 | 100 | 20 | 100- 250 | 2 | 150 | 20 | 150 | |
| CSBD135D | NPN | TO-237 | 25 | 30 | 5 | 100 | 20 | 160- 350 | 2 | 150 | 20 | 150 | |
| CSBD136 | PNP | TO-237 | 25 | 30 | 5 | 100 | 20 | 40- 250 | 2 | 150 | 35 | 100 | |
| CSBD136A | PNP | TO-237 | 25 | 30 | 5 | 100 | 20 | 40- 100 | 2 | 150 | 35 | 100 | |
| CSBD136B | PNP | TO-237 | 25 | 30 | 5 | 100 | 20 | 63- 160 | 2 | 150 | 35 | 100 | |
| CSBD136C | PNP | TO-237 | 25 | 30 | 5 | 100 | 20 | 100- 250 | 2 | 150 | 35 | 100 | |
| CSBD136D | PNP | TO-237 | 25 | 30 | 5 | 100 | 20 | 160- 350 | 2 | 150 | 35 | 100 | |