

SCRs (Silicon Controlled Rectifiers)




Metal/Plastic Packages

0.8 to 110 Amperes RMS
15 to 1200 Volts

Boca Semiconductor Corp.

BSC

<http://www.bocasemi.com>

| I_T (AMPS) | 0.8 | | | | | |
|-------------------|--|-------|--------|--|--------|--|
| @ T_C (°C) | 55 | 55 | 55 | 55 | 60 | 60 |
| I_{TSM} (AMPS) | 6.0 | 6.0 | 6.0 | 6.0 | 10 | 10 |
| CASE |  TO-18 | | |  TO-92 | |  TO-92-18R |
| V_{RRM} (VOLTS) | | | | | | |
| 15 | 2N876 | 2N884 | | | | |
| 30 | 2N877 | 2N885 | 2N3001 | 2N3005 | 2N5060 | BRX44 |
| 60 | 2N878 | 2N886 | 2N3002 | 2N3006 | 2N5061 | BRX45 |
| 100 | 2N879 | 2N887 | 2N3003 | 2N3007 | 2N5062 | BRX46 |
| 150 | 2N880 | 2N888 | | | 2N5063 | |
| 200 | 2N881 | 2N889 | 2N3004 | 2N3008 | 2N5064 | BRX47 |
| 300 | 2N882 | 2N890 | | | 2N6564 | BRX48 |
| 400 | 2N883 | 2N891 | | | 2N6565 | BRX49 |

| | | | | | | |
|----------|-------------|------------|------------|-------------|-------------|-------------|
| I_{GT} | 200 μ A | 20 μ A | 20 μ A | 200 μ A | 200 μ A | 200 μ A |
| V_{GT} | 0.8V | 0.7V | 0.7V | 0.8V | 0.8V | 0.8V |
| I_H | 5.0mA | 5.0mA | 3.0mA | 5.0mA | 5.0mA | 5.0mA |