

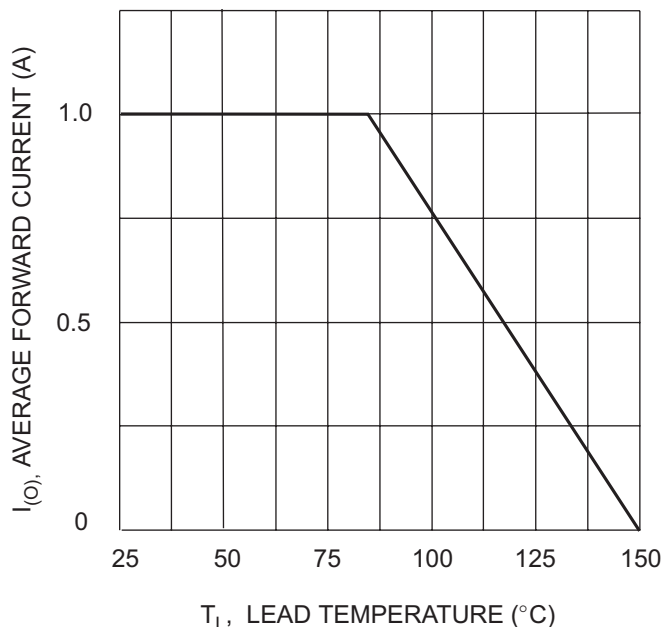


Fig. 1 Forward Current Derating Curve

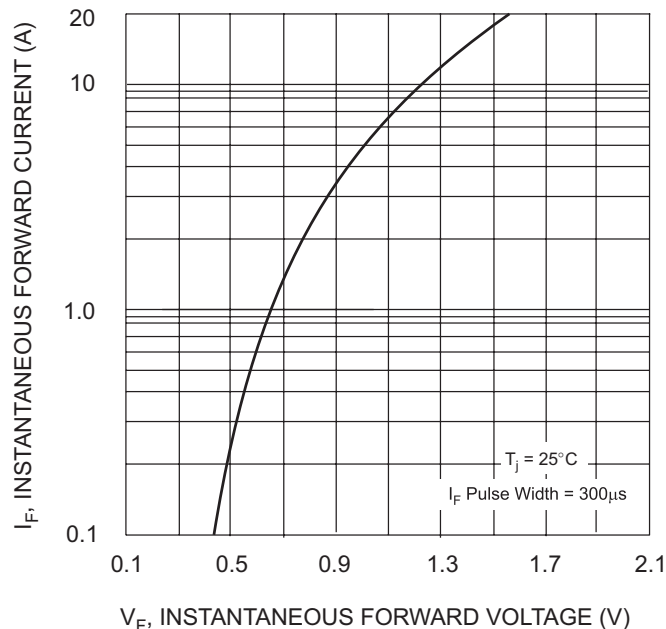


Fig. 2 Typical Forward Characteristics

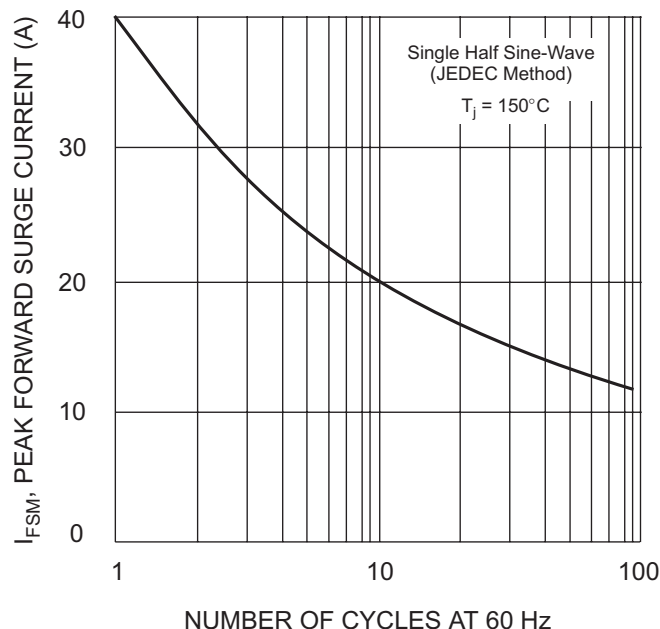


Fig. 3 Max Non-Repetitive Peak Fwd Surge Current

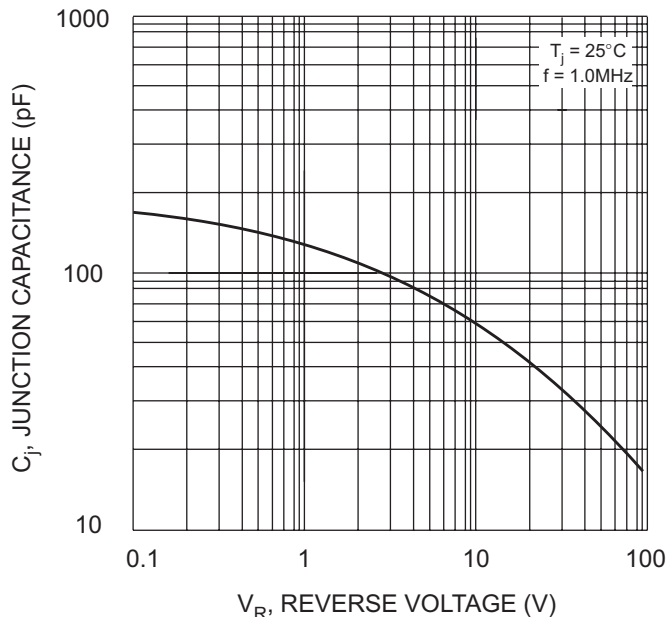


Fig. 4 Typical Junction Capacitance

## Ordering Information (Note 4)

| Device   | Packaging | Shipping                |
|----------|-----------|-------------------------|
| SB170-A  | DO-41     | 5K/Ammo Pack            |
| SB170-B  | DO-41     | 1K/Bulk                 |
| SB170-T  | DO-41     | 5K/Tape & Reel, 13-inch |
| SB180-A  | DO-41     | 5K/Ammo Pack            |
| SB180-B  | DO-41     | 1K/Bulk                 |
| SB180-T  | DO-41     | 5K/Tape & Reel, 13-inch |
| SB190-A  | DO-41     | 5K/Ammo Pack            |
| SB190-B  | DO-41     | 1K/Bulk                 |
| SB190-T  | DO-41     | 5K/Tape & Reel, 13-inch |
| SB1100-A | DO-41     | 5K/Ammo Pack            |
| SB1100-B | DO-41     | 1K/Bulk                 |
| SB1100-T | DO-41     | 5K/Tape & Reel, 13-inch |

Notes: 4. For packaging details, visit our website at <http://www.diodes.com/datasheets/ap02008.pdf>