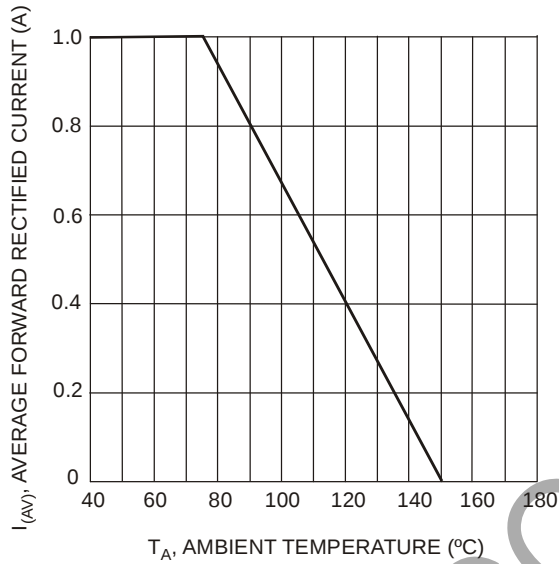




$T_A$ , AMBIENT TEMPERATURE ( $^{\circ}C$ )  
Fig. 1 Forward Current Derating Curve

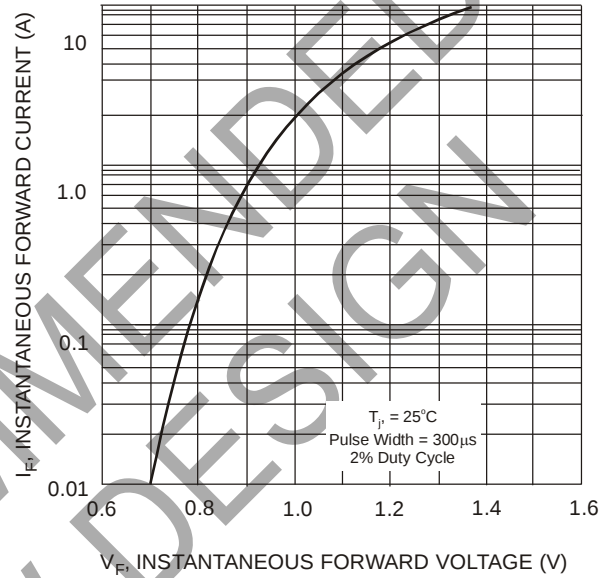


Fig. 2 Typical Forward Characteristics

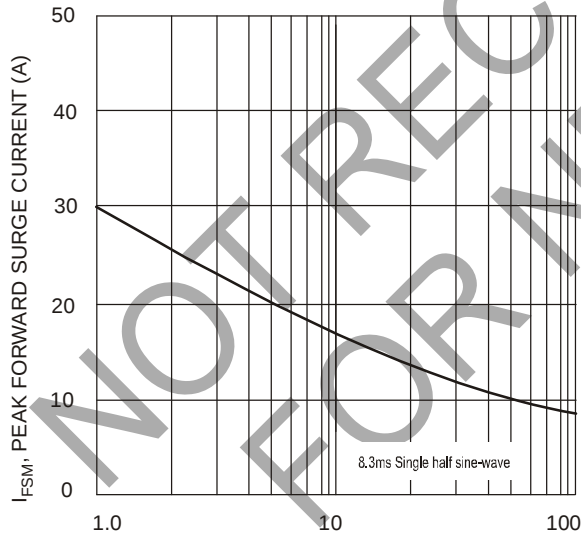


Fig. 3 Max Non-Repetitive Peak Fwd Surge Current

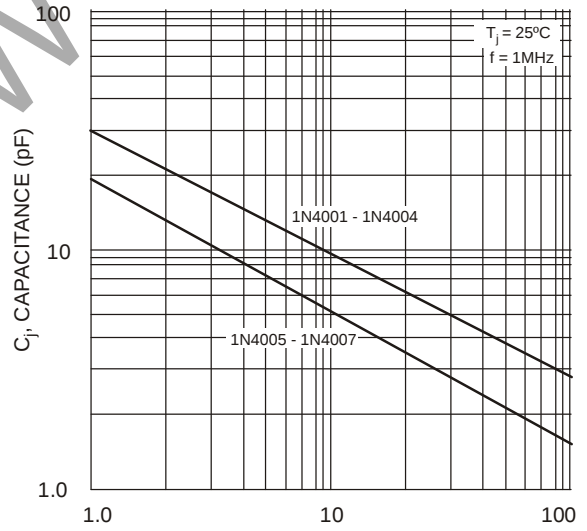


Fig. 4 Typical Junction Capacitance

## Ordering Information (Note 4)

| Device   | Packaging     | Shipping                |
|----------|---------------|-------------------------|
| 1N4001-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4001-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |
| 1N4002-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4002-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |
| 1N4003-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4003-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |
| 1N4004-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4004-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |
| 1N4005-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4005-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |
| 1N4006-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4006-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |
| 1N4007-B | DO-41 Plastic | 1K/Bulk                 |
| 1N4007-T | DO-41 Plastic | 5K/Tape & Reel, 13-inch |

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

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