

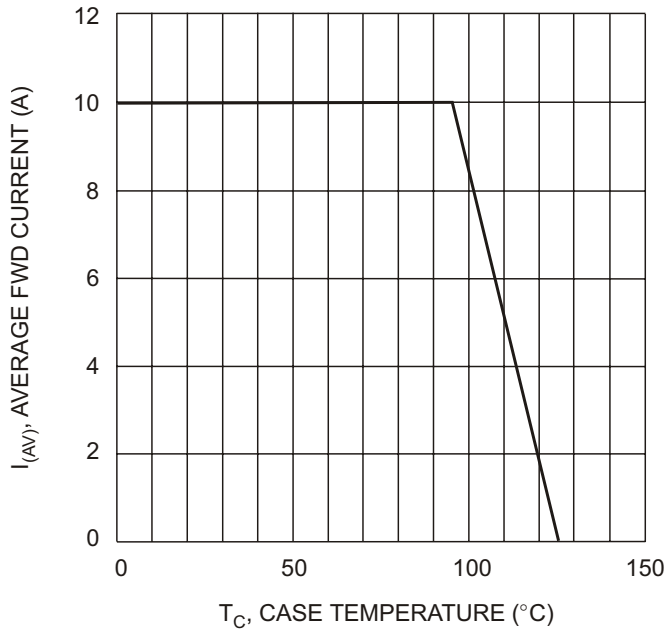


Fig. 1 Forward Current Derating Curve

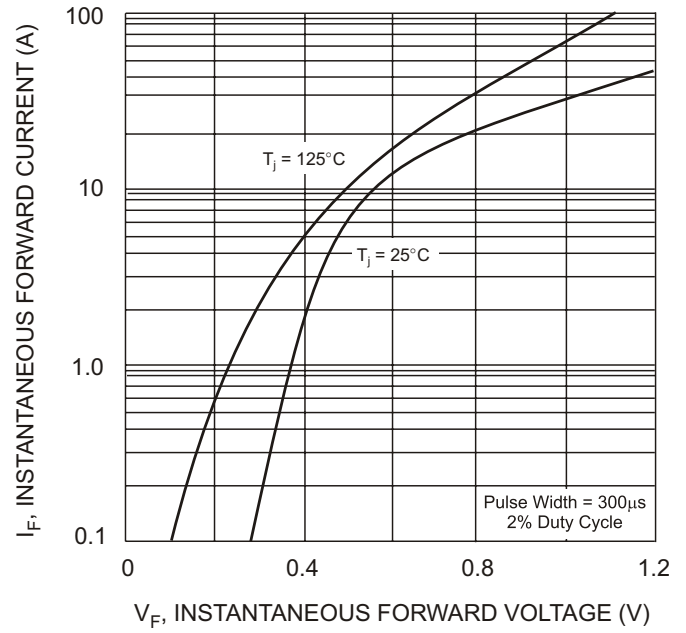


Fig. 2 Typical Forward Characteristics

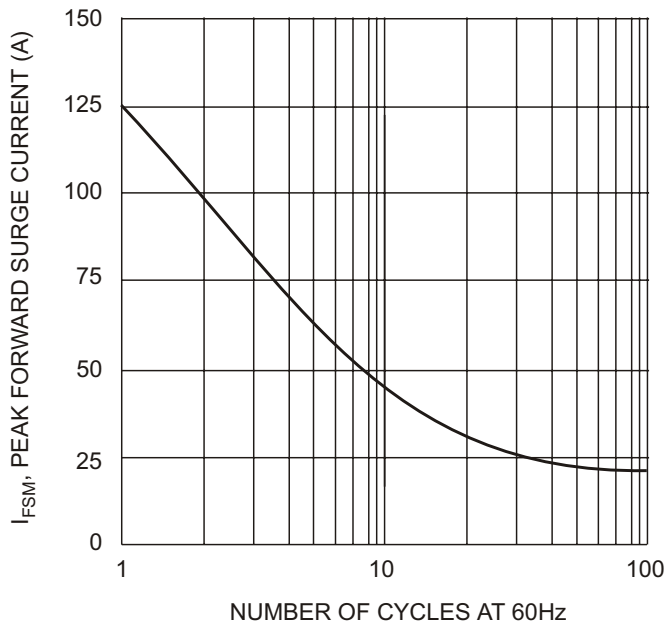


Fig. 3 Max Non-Repetitive Surge Current

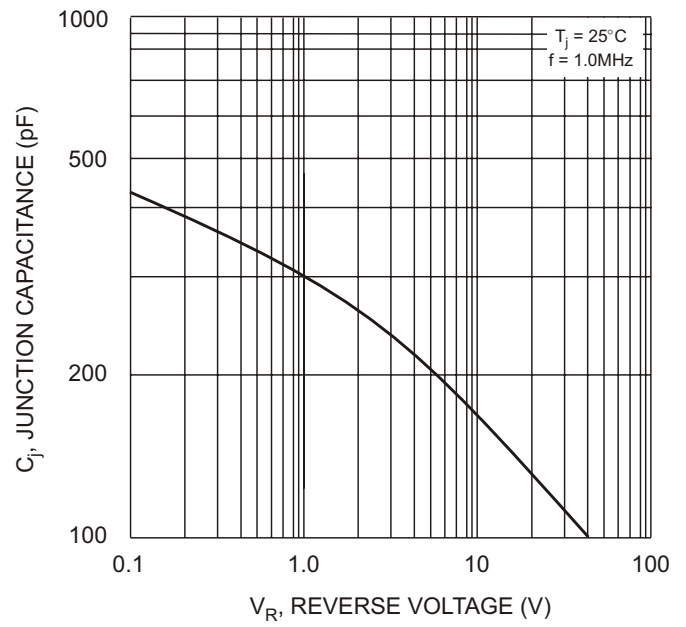


Fig. 4 Typical Junction Capacitance

Ordering Information (Note 4)

Device	Packaging	Shipping
SBG1030CT-T	D ² PAK	800/Tape & Reel, 13-inch
SBG1035CT-T	D ² PAK	800/Tape & Reel, 13-inch
SBG1040CT-T	D ² PAK	800/Tape & Reel, 13-inch
SBG1045CT-T	D ² PAK	800/Tape & Reel, 13-inch

- Notes: 4. For packaging details, visit our website at <http://www.diodes.com/datasheets/ap02007.pdf>.
 5. For Lead Free/RoHS Compliant version part number, please add "-F" suffix to the part number. Example: SBG1030CT-T-F.