

Fig. 1 Forward Current Derating Curve

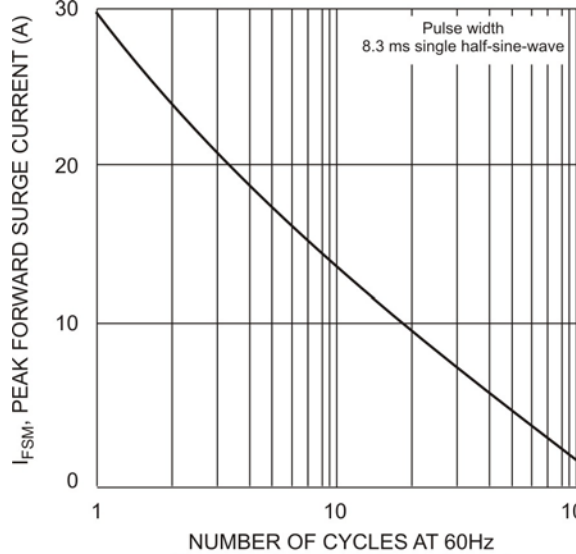


Fig. 3 Peak Forward Surge Current

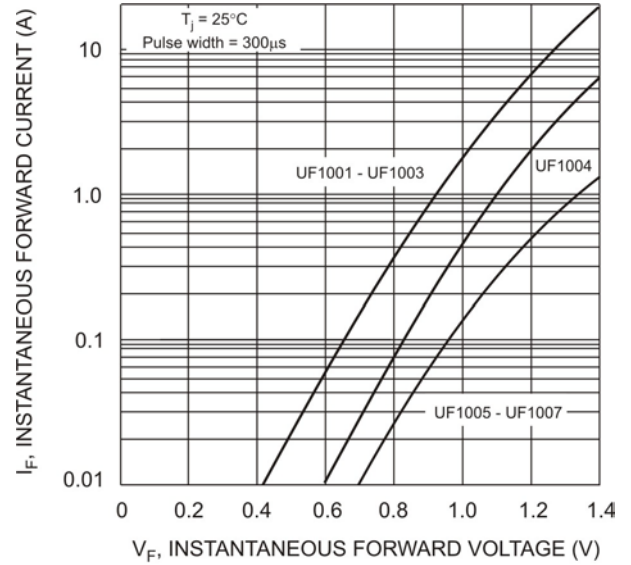


Fig. 2 Typical Forward Characteristics

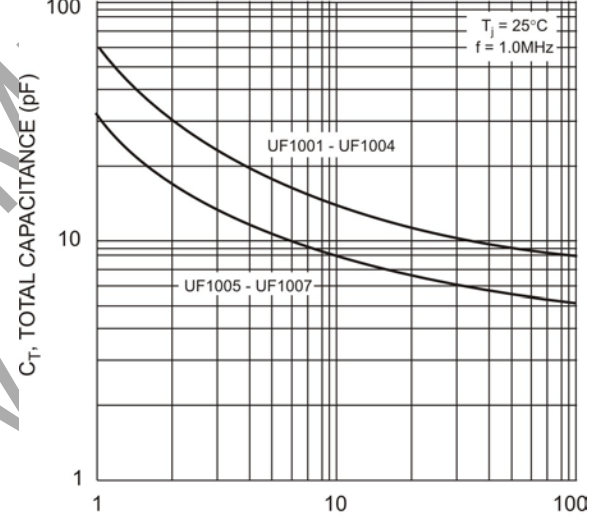
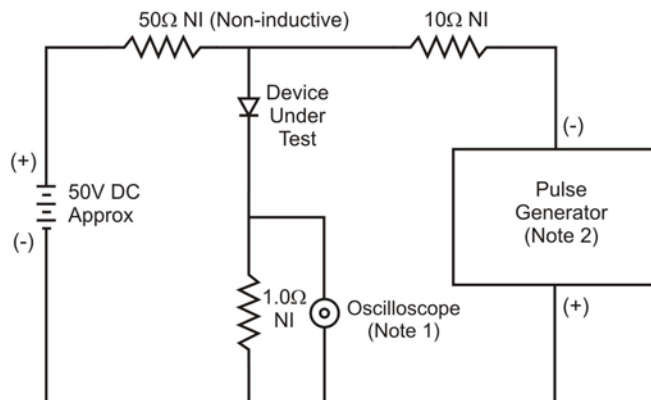


Fig. 4 Typical Total Capacitance



- Notes:
1. Rise Time = 7.0ns max. Input Impedance = 1.0M $\Omega$ , 22pF.
  2. Rise Time = 10ns max. Input Impedance = 50 $\Omega$ .

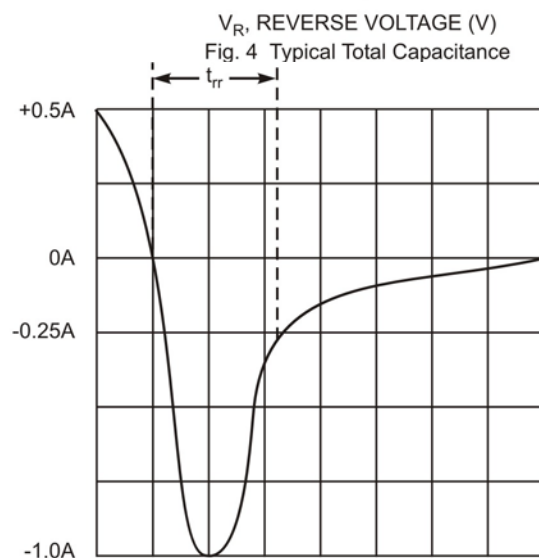


Fig. 5 Reverse Recovery Time Characteristic and Test Circuit

**Ordering Information** (Note 6)

Device	Packaging	Shipping
UF1001-A	DO-41	5K/Ammo Pack
UF1001-B	DO-41	1K/Bulk
UF1001-T	DO-41	5K/Tape & Reel, 13-inch
UF1002-A	DO-41	5K/Ammo Pack
UF1002-B	DO-41	1K/Bulk
UF1002-T	DO-41	5K/Tape & Reel, 13-inch
UF1003-A	DO-41	5K/Ammo Pack
UF1003-B	DO-41	1K/Bulk
UF1003-T	DO-41	5K/Tape & Reel, 13-inch
UF1004-A	DO-41	5K/Ammo Pack
UF1004-B	DO-41	1K/Bulk
UF1004-T	DO-41	5K/Tape & Reel, 13-inch
UF1005-A	DO-41	5K/Ammo Pack
UF1005-B	DO-41	1K/Bulk
UF1005-T	DO-41	5K/Tape & Reel, 13-inch
UF1006-A	DO-41	5K/Ammo Pack
UF1006-B	DO-41	1K/Bulk
UF1006-T	DO-41	5K/Tape & Reel, 13-inch
UF1007-A	DO-41	5K/Ammo Pack
UF1007-B	DO-41	1K/Bulk
UF1007-T	DO-41	5K/Tape & Reel, 13-inch

Notes: 7. For packaging details, visit our website at <http://www.diodes.com/package-outlines.html>.

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