

Fig. 1 Forward Current Derating Curve

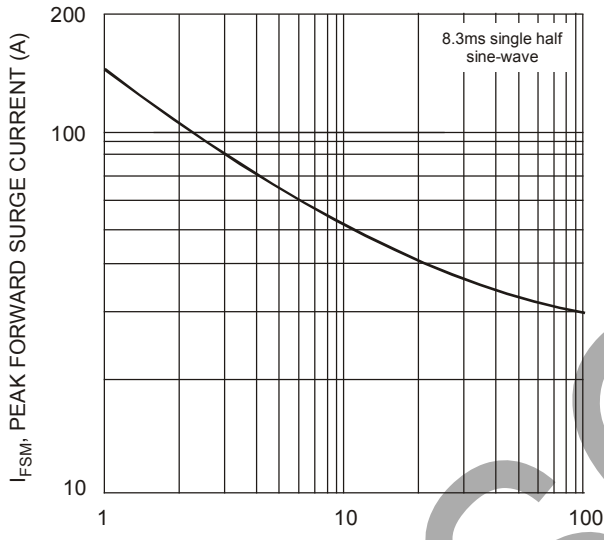
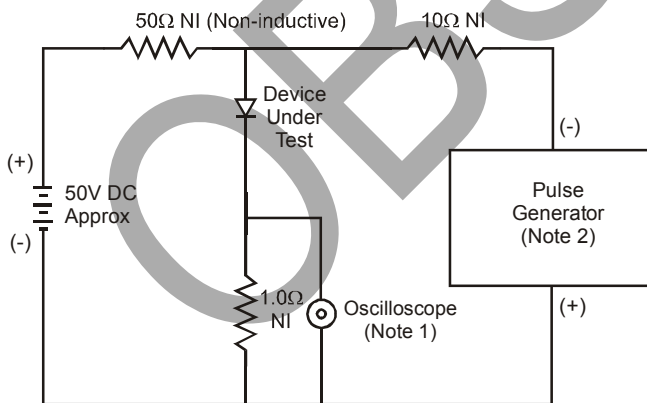


Fig. 3 Peak Forward Surge Current



Notes:

1. Rise Time = 7.0ns max. Input Impedance = 1.0MΩ, 22pF.
2. Rise Time = 10ns max. Input Impedance = 50Ω.

Fig. 5 Reverse Recovery Time Characteristic and Test Circuit

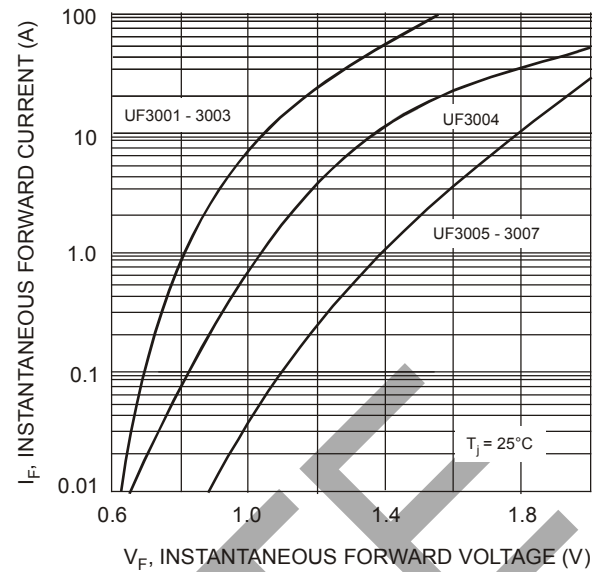


Fig. 2 Typical Forward Characteristics

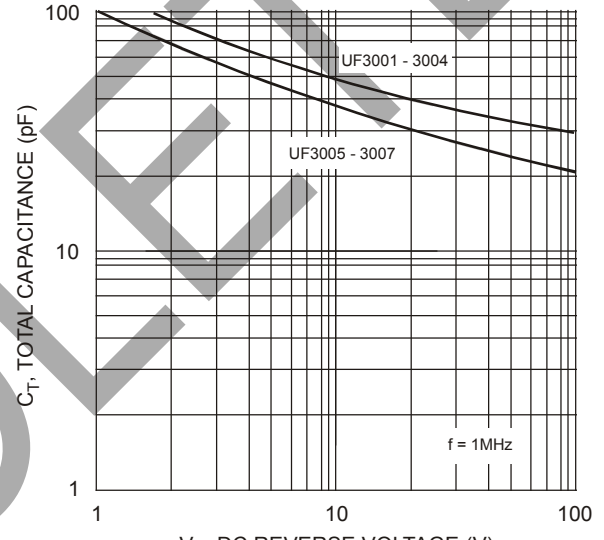
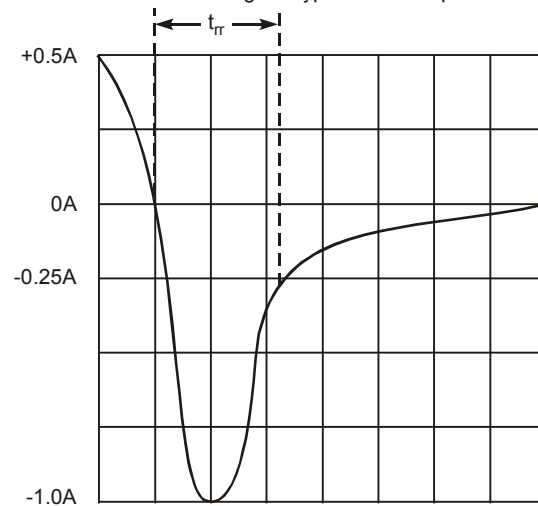


Fig. 4 Typical Total Capacitance



Set time base for 50/100 ns/cm

**Ordering Information** (Note 6)

Device	Packaging	Shipping
UF3001-B	DO-201AD	500/Bulk
UF3001-T	DO-201AD	1.2K/Tape & Reel, 13-inch
UF3002-B	DO-201AD	500/Bulk
UF3002-T	DO-201AD	1.2K/Tape & Reel, 13-inch
UF3003-B	DO-201AD	500/Bulk
UF3003-T	DO-201AD	1.2K/Tape & Reel, 13-inch
UF3004-B	DO-201AD	500/Bulk
UF3004-T	DO-201AD	1.2K/Tape & Reel, 13-inch
UF3005-B	DO-201AD	500/Bulk
UF3005-T	DO-201AD	1.2K/Tape & Reel, 13-inch
UF3006-B	DO-201AD	500/Bulk
UF3006-T	DO-201AD	1.2K/Tape & Reel, 13-inch
UF3007-B	DO-201AD	500/Bulk
UF3007-T	DO-201AD	1.2K/Tape & Reel, 13-inch

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

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OBSOLETE

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