

Fig. 1 Forward Current Derating Curve

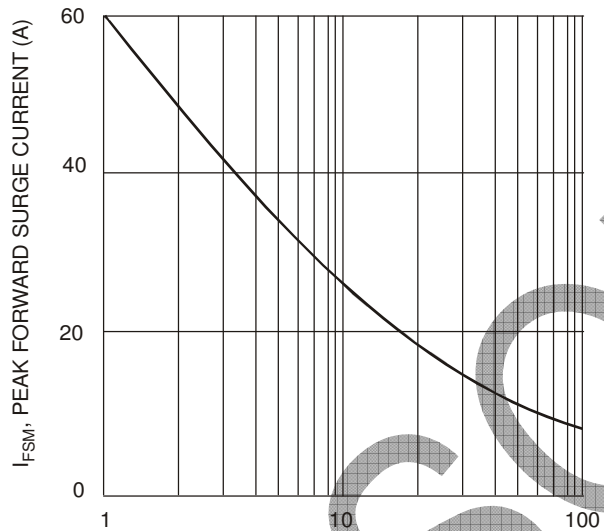
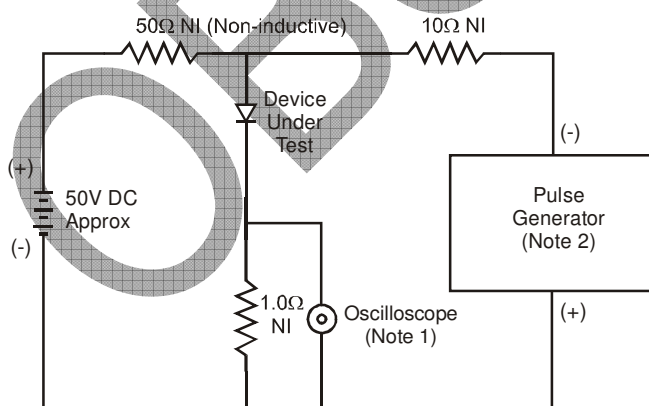


Fig. 3 Peak Forward Surge Current



- 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

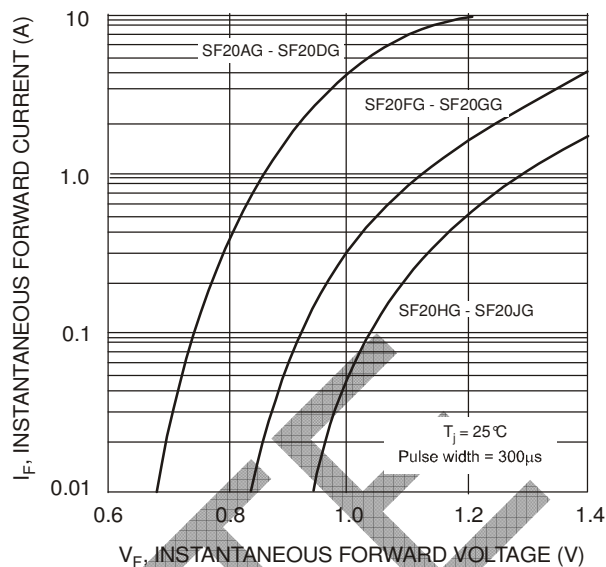


Fig. 2 Typical Forward Characteristics

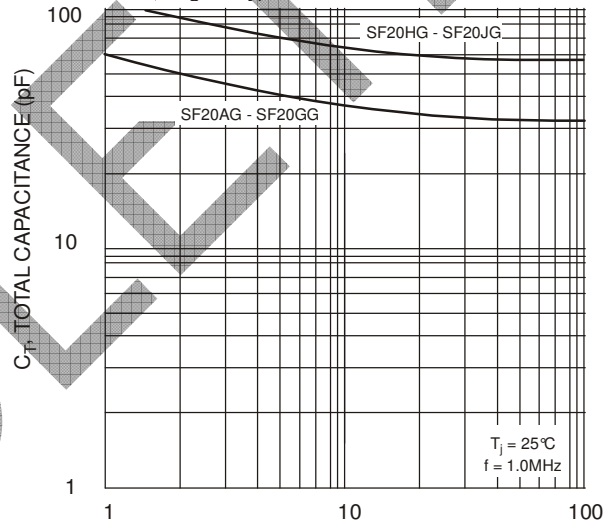
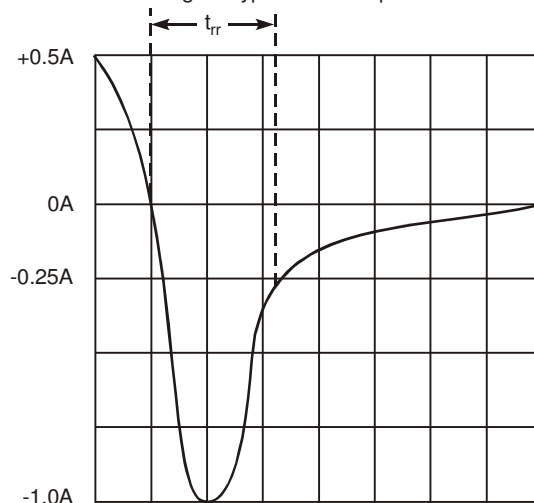


Fig. 4 Typical Total Capacitance



Set time base for 50/100 ns/cm

## Ordering Information (Note 6)

Device	Packaging	Shipping
SF20AG-T	DO-15	4K/Tape & Reel, 13-inch
SF20BG-T	DO-15	4K/Tape & Reel, 13-inch
SF20CG-T	DO-15	4K/Tape & Reel, 13-inch
SF20DG-T	DO-15	4K/Tape & Reel, 13-inch
SF20FG-T	DO-15	4K/Tape & Reel, 13-inch
SF20GG-T	DO-15	4K/Tape & Reel, 13-inch
SF20HG-T	DO-15	4K/Tape & Reel, 13-inch
SF20JG-T	DO-15	4K/Tape & Reel, 13-inch

Notes: 6. For packaging details, visit our website at <http://www.diodes.com/datasheets/ap02008.pdf>.

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