

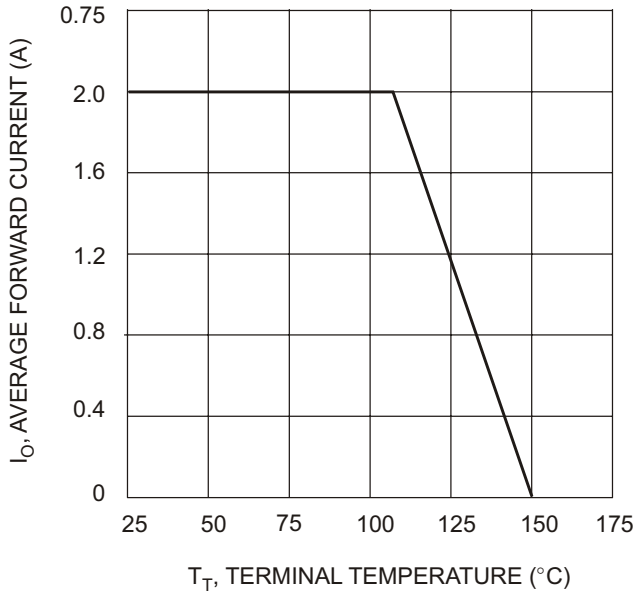


Fig. 1 Forward Current Derating Curve

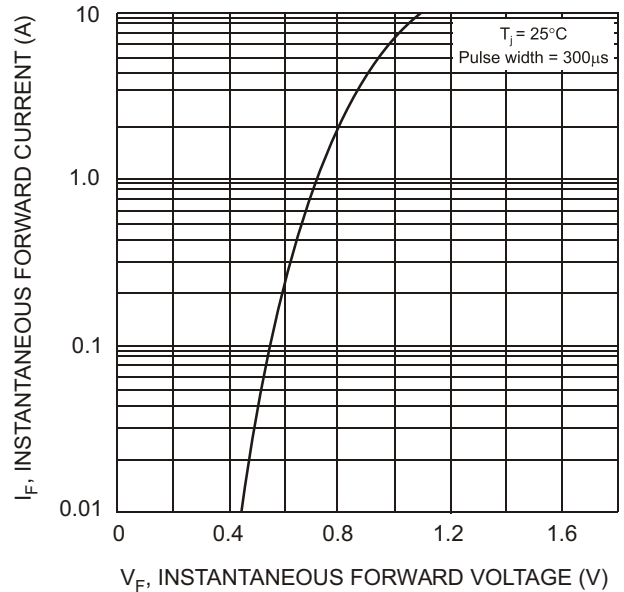


Fig. 2 Typical Forward Characteristics

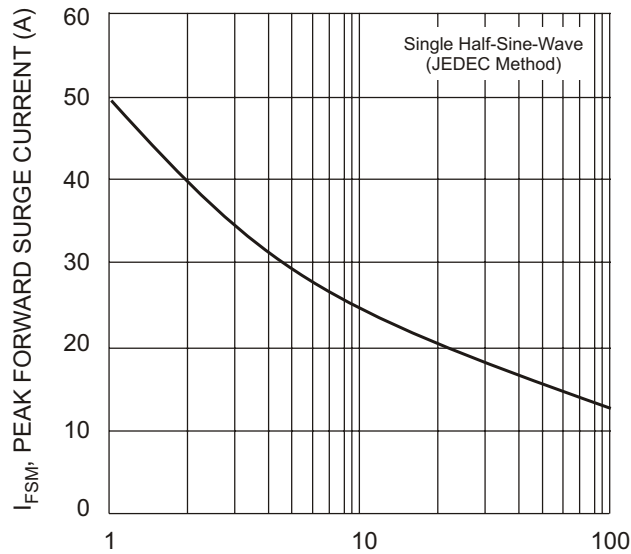


Fig. 3 Surge Current Derating Curve

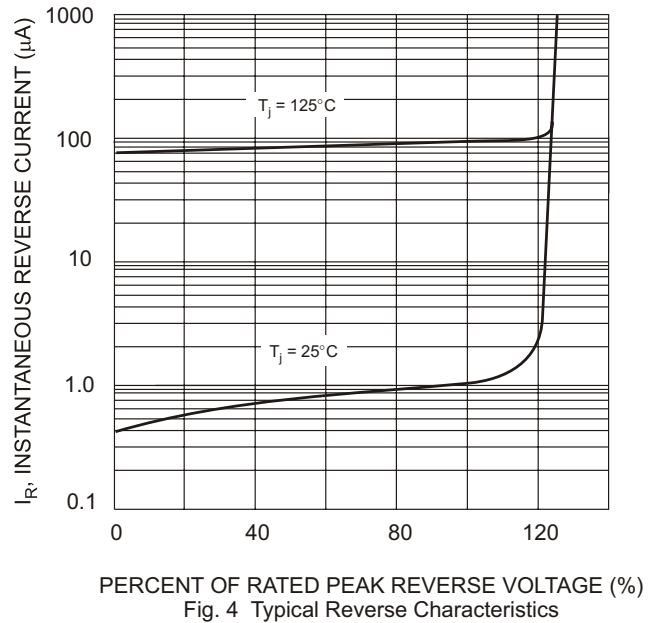
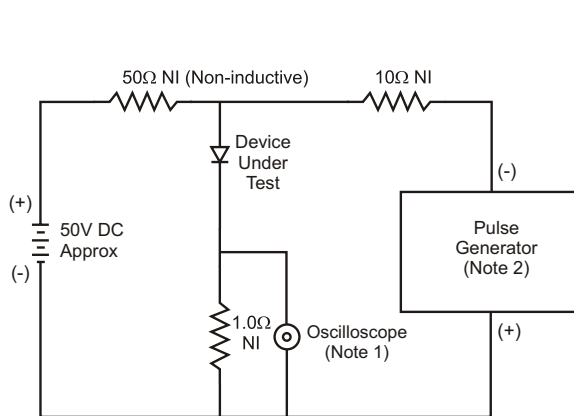


Fig. 4 Typical Reverse Characteristics



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

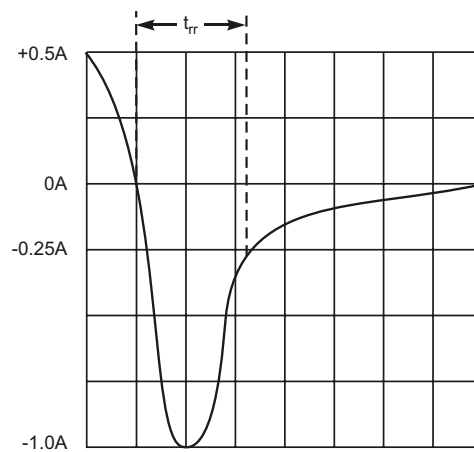


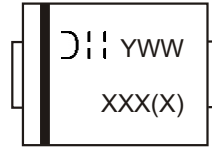
Fig. 5 Reverse Recovery Time Characteristic and Test Circuit

Ordering Information (Note 5)

Device	Packaging	Shipping
ES2x-13 ES2xA-13	SMA SMB	5000/Tape & Reel 3000/Tape & Reel

* x = Device type, e.g. ES2A-13 (SMA package); ES2BA-13 (SMB package).

- Notes:
- For Packaging Details, go to our website at <http://www.diodes.com/datasheets/ap02007.pdf>.
 - For Lead Free Finish/RoHS Compliant version part numbers, please add "-F" suffix to part number above. Example: ES2BA-13-F.



XXX = Product type marking code, ex: ES2A (SMA package)
 XXXX = Product type marking code, ex: ES2BA (SMA package)
 D11 = Manufacturers' code marking
 YWW = Date code marking
 Y = Last digit of year ex: 2 for 2002
 WW = Week code 01 to 52