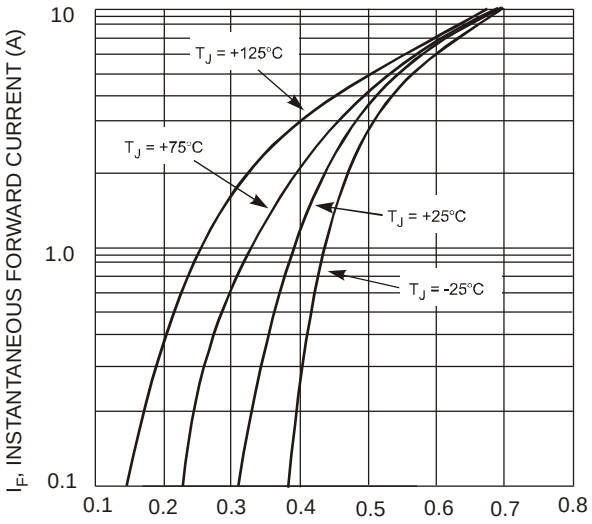


Fig. 1 Typical Forward Characteristics

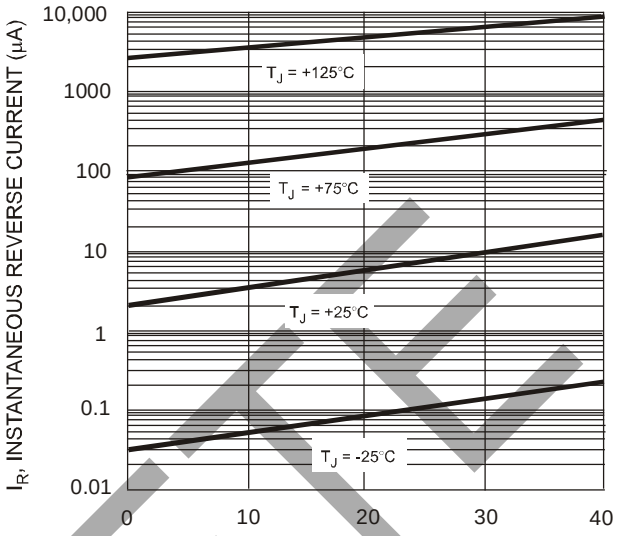


Fig. 2 Typical Reverse Characteristics

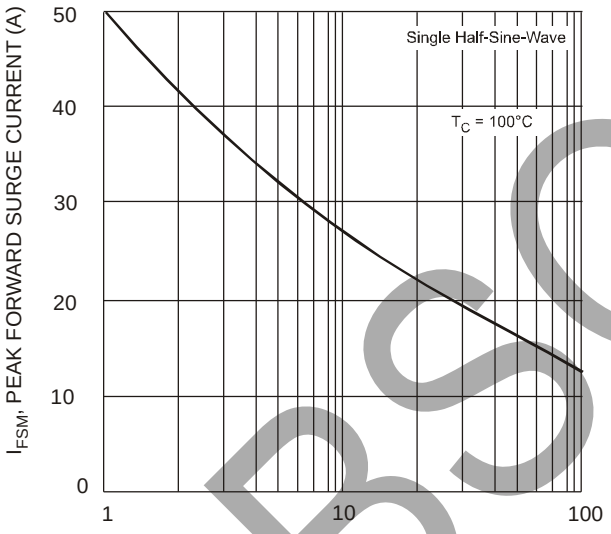


Fig. 3 Max Non-Repetitive Peak Forward Surge Current

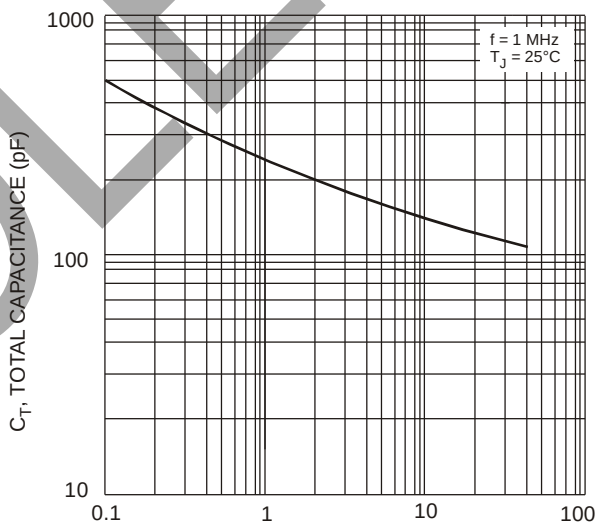


Fig. 4 Typical Capacitance vs. Reverse Voltage

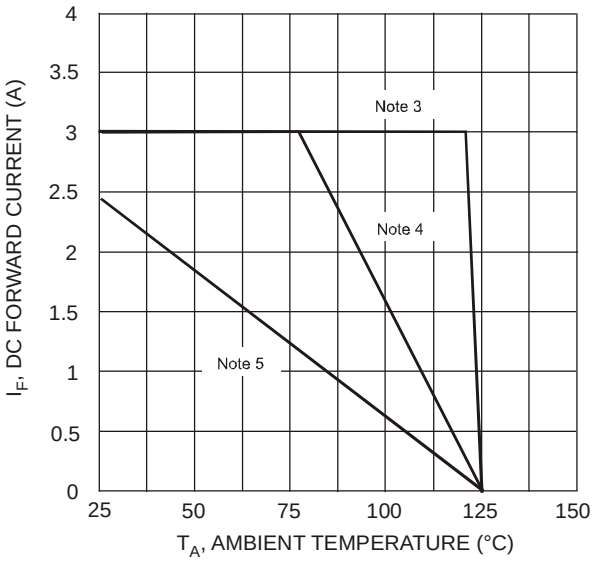


Fig. 5 DC Forward Current Derating

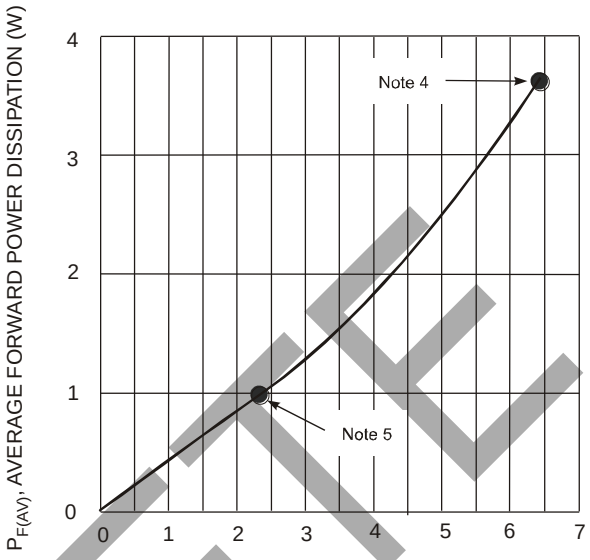


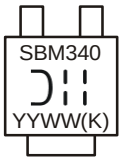
Fig. 6 Forward Power Dissipation

Ordering Information (Note 6)

Device	Packaging	Shipping
SBM340-13-F	POWERMITE®3	5000/Tape & Reel

Notes:
3. $T_A = T_{SOLDERING\ POINT}$, $R_{\theta JS}$ = 3.4°C/W, $R_{\theta SA}$ = 0°C/W.
4. Device mounted on GETEK substrate, 2"x2", 2 oz. copper, double-sided, cathode pad dimensions 0.75" x 1.0", anode pad dimensions 0.25" x 1.0". $R_{\theta JA}$ in range of 20-40°C/W.
5. Device mounted on FR-4 substrate, 2"x2", 2 oz. copper, single-sided, pad layout as per Diodes Inc. suggested pad layout document AP02001 which can be found on our website at http://www.diodes.com/datasheets/ap02001.pdf. $R_{\theta JA}$ in range of 95-115°C/W.
6. For packaging details, go to our website at http://www.diodes.com/datasheets/ap02007.pdf.

Marking Information



SBM340 = Product type marking code
= Manufacturers' code marking
YYWW = Date code marking
YY = Last digit of year (ex: 02 for 2002)
WW = Week code (01 to 53)
(K) = Factory Designator

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