

Fig. 5 DC Forward Current Derating

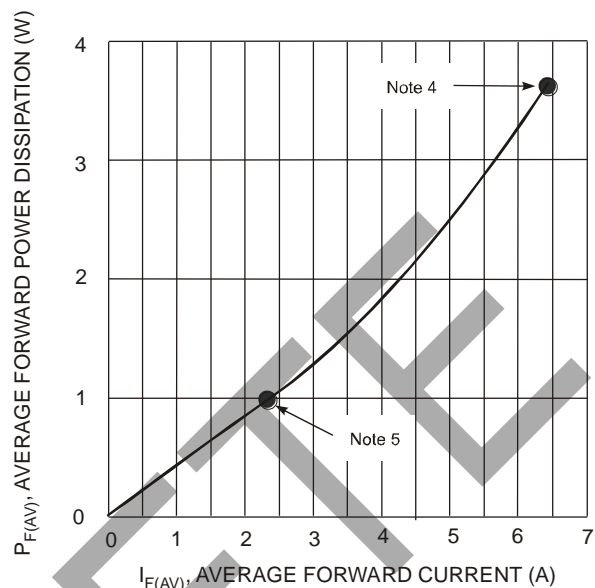


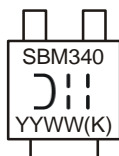
Fig. 6 Forward Power Dissipation

Ordering Information (Note 6)

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

- Notes:
3. $T_A = T_{\text{SOLDERING POINT}}$, $R_{\theta JS} = 3.4^{\circ}\text{C/W}$, $R_{\theta SA} = 0^{\circ}\text{C/W}$.
 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
 J||| = 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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