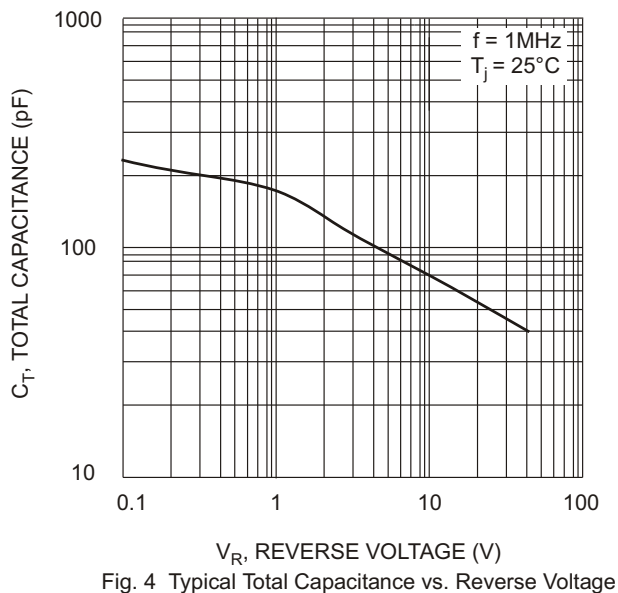
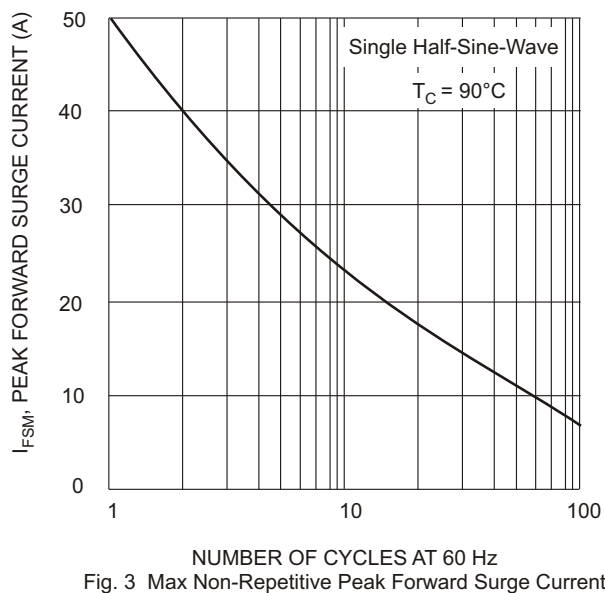
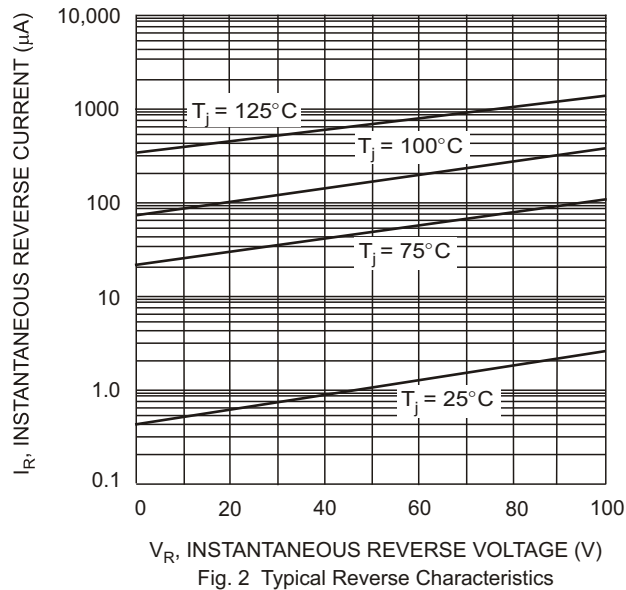
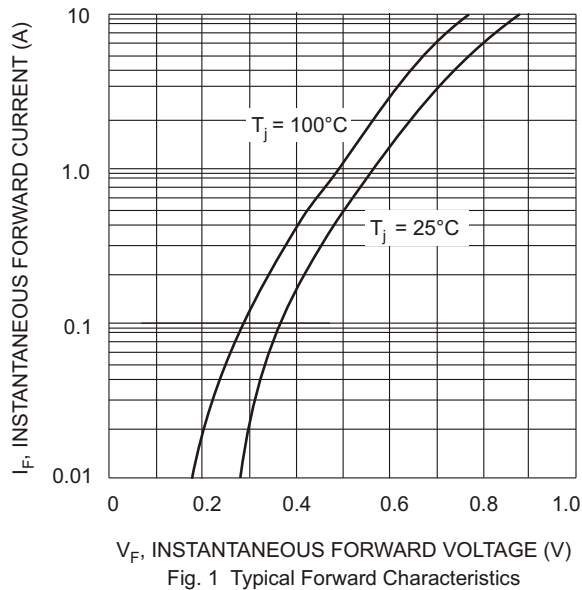
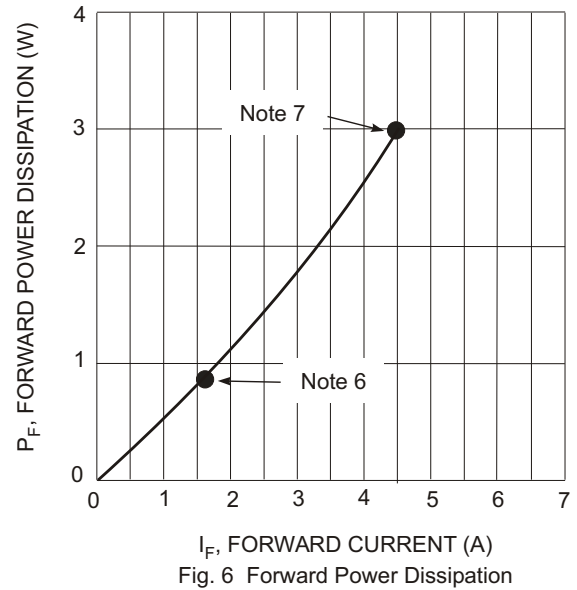
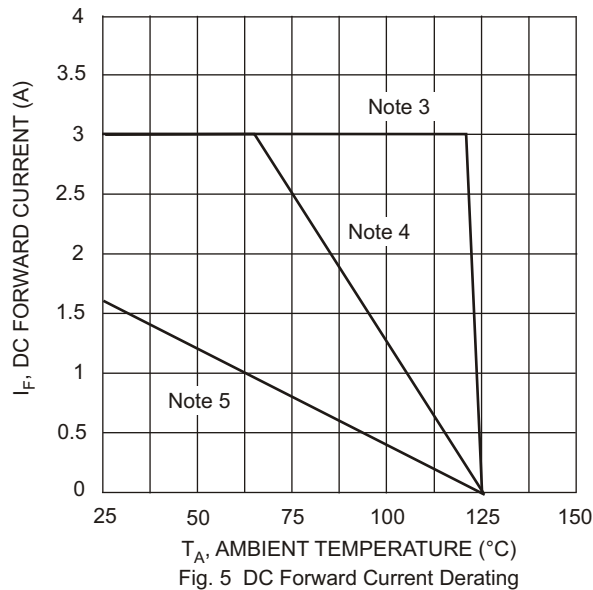




**NOT RECOMMENDED FOR NEW DESIGNS
USE PDS3100**

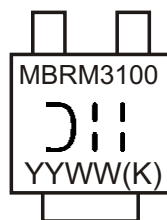


Ordering Information (Note 8)

Device	Packaging	Shipping
MBRM3100-13-F	POWERMITE 3	5000/Tape & Reel

- Notes:
- $T_A = T_{\text{SOLDERING POINT}}$, $R_{JS} = 3.5 \text{ C/W}$, $R_{SA} = 0 \text{ C/W}$.
 - 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_{JA} in range of 30-35°C/W.
 - 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_{JA} in range of 115-125°C/W.
 - Maximum power dissipation when the device is mounted in accordance to the conditions described in Note 4.
 - Maximum power dissipation when the device is mounted in accordance to the conditions described in Note 3.
 - For Packaging Details, go to our website at <http://www.diodes.com/datasheets/ap02007.pdf>.

Marking Information



MBRM3100 = 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 52
 (K) = Factory Designator

**NOT RECOMMENDED FOR NEW DESIGNS
USE PDS3100**

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