

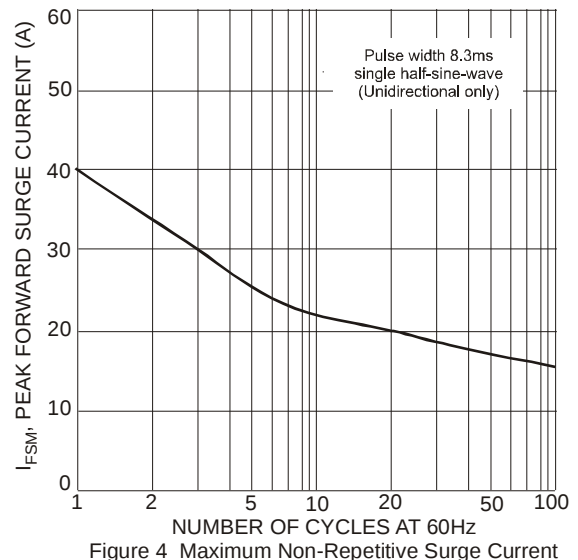
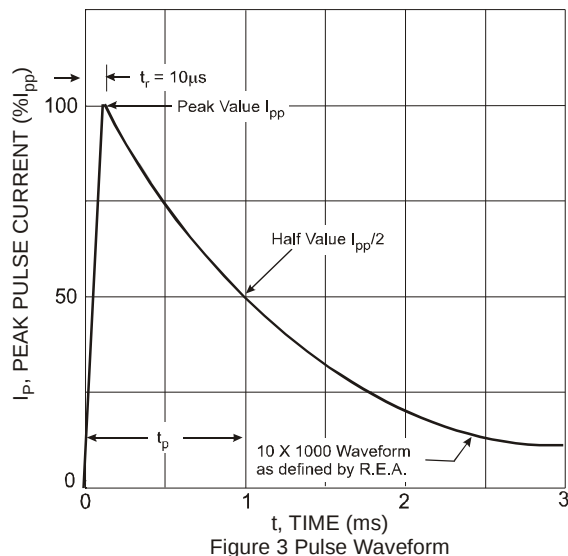
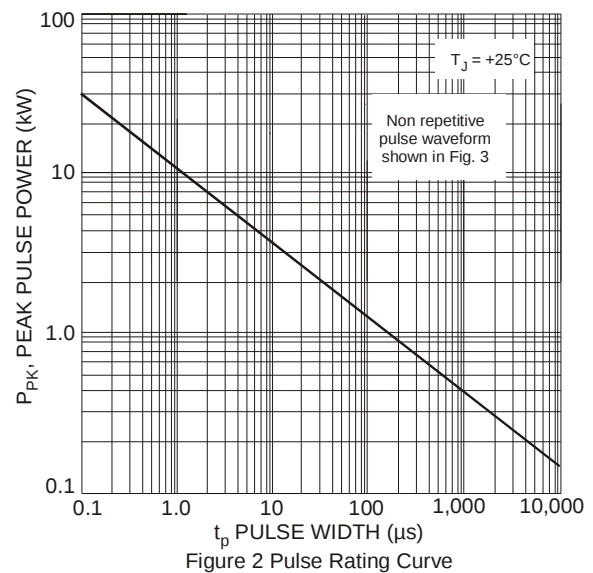
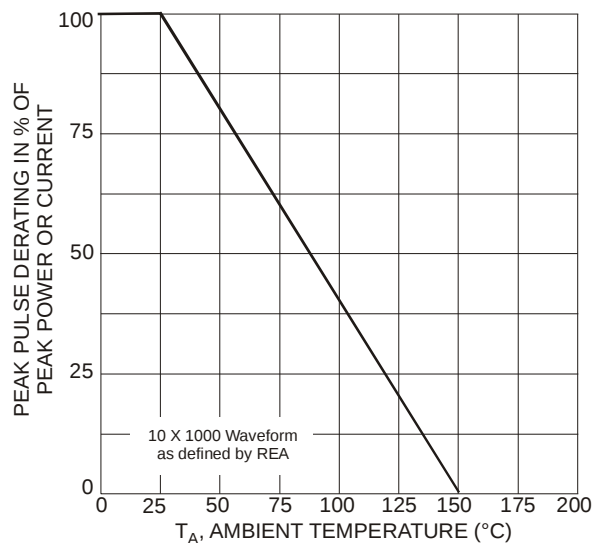
Thermal Characteristics

Characteristic	Symbol	Value	Unit
Operating Temperature Range	T_J	-55 to +150	°C
Storage Temperature Range	T_{STG}	-55 to +175	°C

Electrical Characteristics (@ $T_A = +25^\circ\text{C}$, unless otherwise specified.)

Part Number Add C for Bidirectional (Note 8)	Reverse Standoff Voltage V_{RWM} (V)	Breakdown Voltage V_{BR} @ I_T (Note 9)		Test Current I_T (mA)	Max. Reverse Leakage @ V_{RWM} I_R (μA)	Max. Clamping Voltage @ I_{pp} V_C (V)	Max. Peak Pulse Current I_{pp} (A)	Marking Code	
		Min (V)	Max (V)					BI-	UNI-
PSMAJ400(C)A	342	380	420	1.0	5.0	548.0	0.73	400C	400A

- Notes:
- Suffix C denotes Bi-directional device.
 - V_{BR} measured with I_T current pulse = 10 ~ 15 ms.



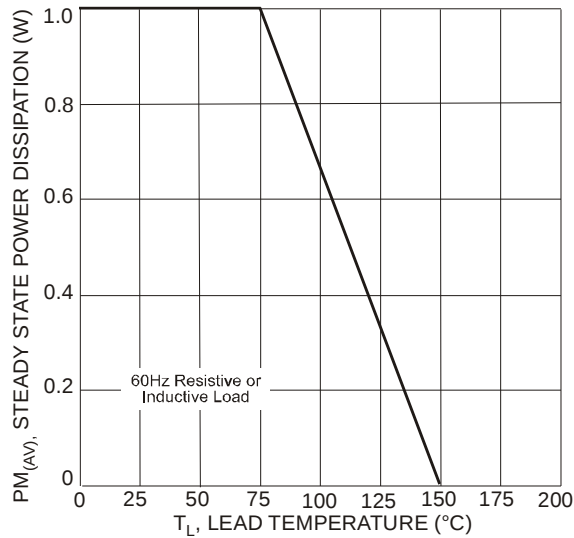
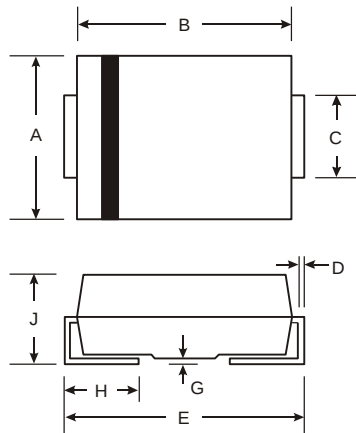


Figure 5 Steady State Power Derating Curve

Package Outline Dimensions

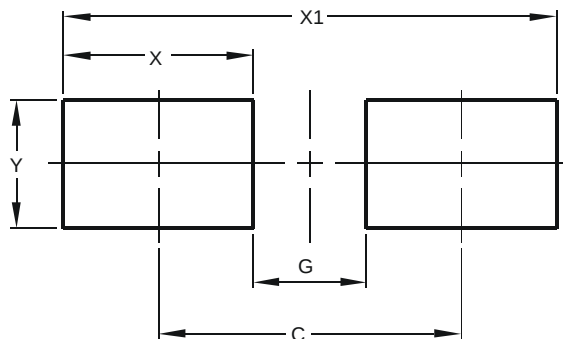
Please see AP02002 at <http://www.diodes.com/datasheets/ap02002.pdf> for the latest version.



SMA		
Dim	Min	Max
A	2.29	2.92
B	4.00	4.60
C	1.27	1.63
D	0.15	0.31
E	4.80	5.59
G	0.05	0.20
H	0.76	1.52
J	2.01	2.30
All Dimensions in mm		

Suggested Pad Layout

Please see AP02001 at <http://www.diodes.com/datasheets/ap02001.pdf> for the latest version.



Dimensions	Value (in mm)
C	4.00
G	1.50
X	2.50
X1	6.50
Y	1.70

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