

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

Characteristic	Symbol	Value	Unit
Forward Voltage (Per Element) @ $I_F = 17.5\text{A}$	$V_{FM}$	1.1	V
Peak Reverse Current @ $T_C = +25^\circ\text{C}$ at Rated DC Blocking Voltage @ $T_C = +125^\circ\text{C}$	$I_R$	10 500	$\mu\text{A}$
Typical Total Capacitance (Per Element) (Note 6)	$C_T$	150	pF

Note: 6. Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

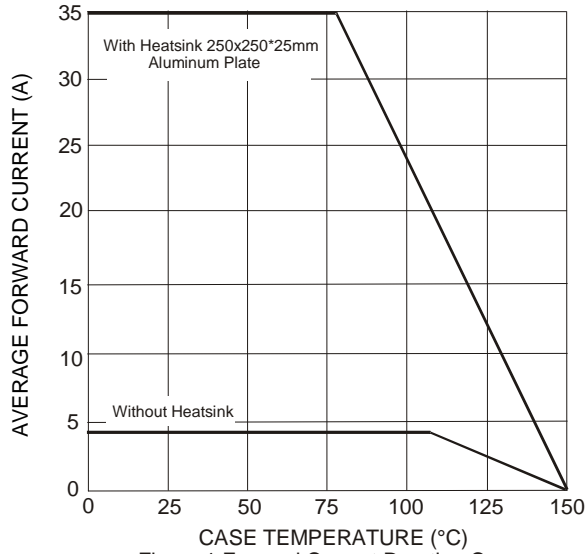


Figure 1 Forward Current Derating Curve

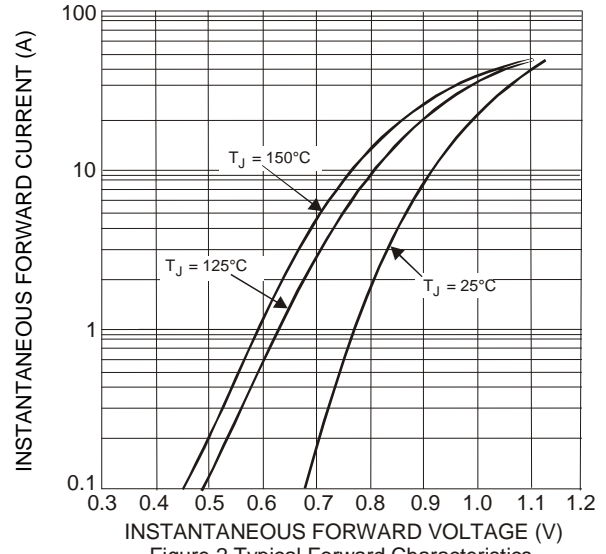


Figure 2 Typical Forward Characteristics

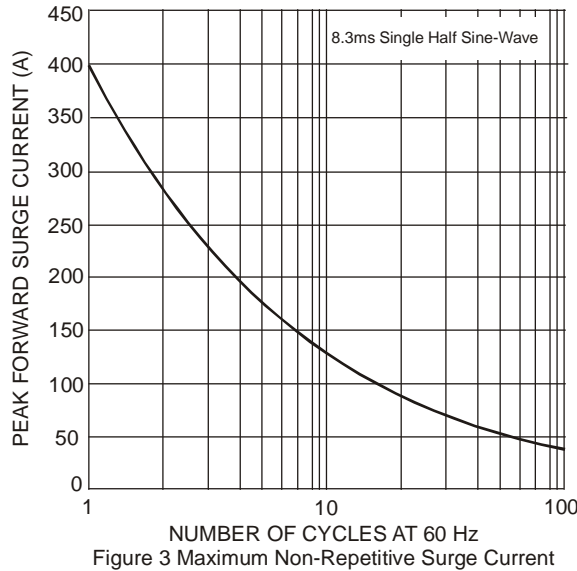


Figure 3 Maximum Non-Repetitive Surge Current

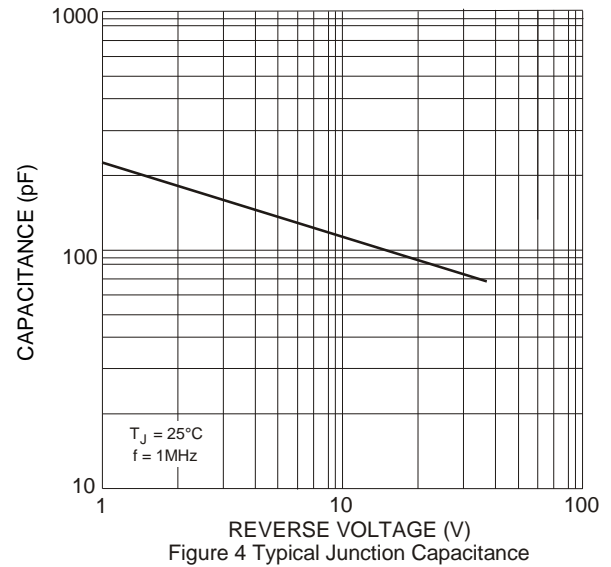
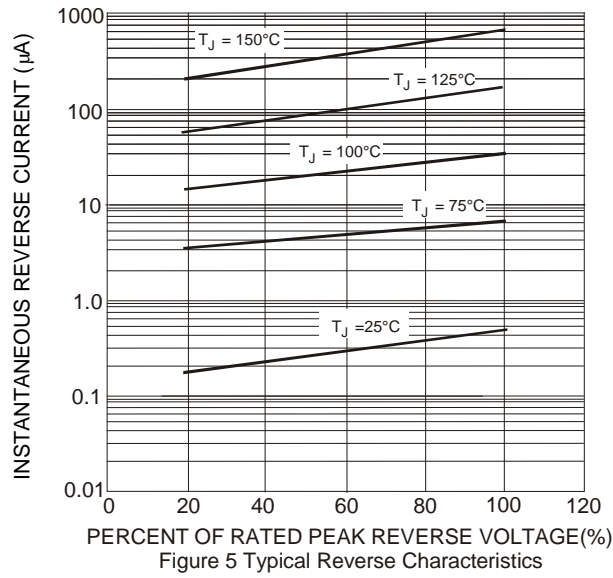


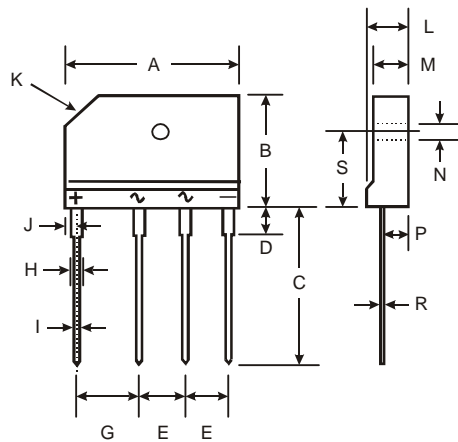
Figure 4 Typical Junction Capacitance



## Package Outline Dimensions

Please see <http://www.diodes.com/package-outlines.html> for the latest version.

### GBJ



GBJ		
Dim	Min	Max
A	29.70	30.30
B	19.70	20.30
C	17.00	18.00
D	3.80	4.20
E	7.30	7.70
G	9.80	10.20
H	2.00	2.40
I	0.90	1.10
J	2.30	2.70
K	3.0 X 45°	
L	4.40	4.80
M	3.40	3.80
N	3.10	3.40
P	2.50	2.90
R	0.60	0.80
S	10.80	11.20
All Dimensions in mm		

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