



1SMZG06GP..1SMZG10GP

0.8 A Surface Mounted Glass Passivated Bridge

Dimensions in mm.

**MBS**

Voltage  
600 V - 1000V

Current  
0.8 A

- **Glass passivated junction**
- High current
- The plastic material carries UL recognition 94 V-0

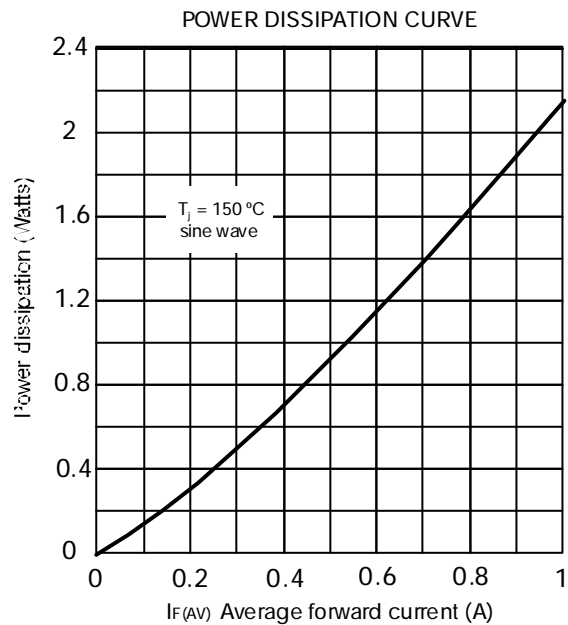
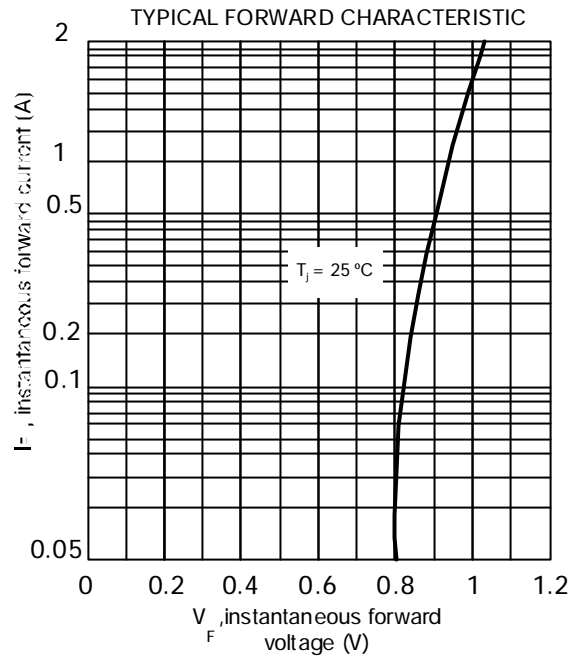
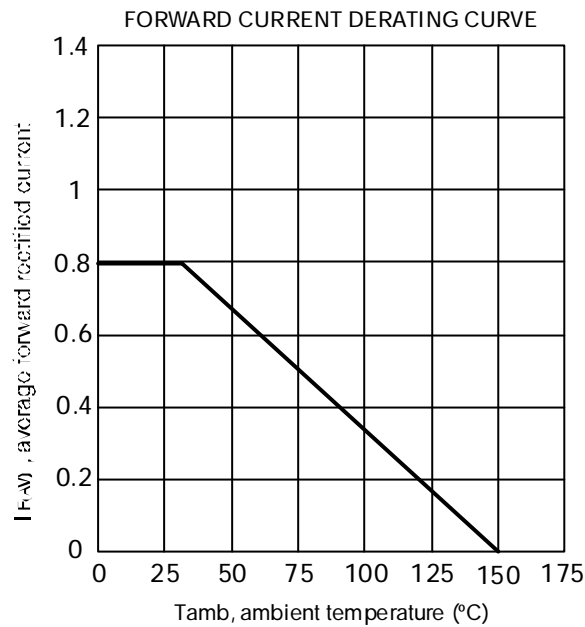
Maximum Ratings, according to IEC publication No. 134

		1SMZG06GP	1SMZG10GP
$V_{RRM}$	Peak recurrent reverse voltage	600 V	1000 V
$V_{RMS}$	Maximum RMS voltage	420 V	700 V
$I_{F(AV)}$	Forward current at $T_{amb} = 25$	0.8 A	
$I_{FSM}$	8.3 ms. peak forward surge	30 A	
$T_j$	Operating temperature range	- 40 to + 150 °C	
$T_{slg}$	Storage temperature	- 40 to + 150 °C	

Electrical Characteristics at  $T_{amb} = 25\text{ °C}$

$V_F$	Max. forward voltage drop per element at $I_F = 0.8\text{ A}$	1.15 V
$I_R$	Max. reverse current per element at $V_{RRM}$	10 $\mu\text{A}$

**Rating And Characteristic Curves**



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