

0.8 A Surface Mounted Glass Passivated Bridge

<p>Dimensions in mm.</p>	<p>Voltage 600 V - 1000V</p> <p>Current 0.8 A</p>
	<ul style="list-style-type: none"> • 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_{stg}	Storage temperature	- 40 to + 150 °C	

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

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

Rating And Characteristic Curves

