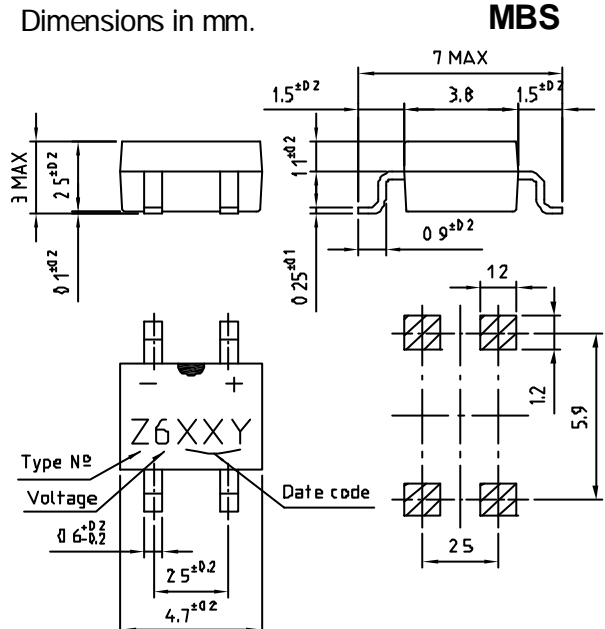


## 0.8 A Surface Mounted Glass Passivated Bridge

<p>Dimensions in mm.</p> <p><b>MBS</b></p> 	<p>Voltage 600 V - 1000V</p> <p>Current 0.8 A</p> <p><b>HYPERECTIFIER</b>®</p> <ul style="list-style-type: none"> <li>• Glass passivated junction</li> <li>• High current</li> <li>• The plastic material carries UL recognition 94 V-0</li> </ul>
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### 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 $\mu$ A

**Rating And Characteristic Curves**

