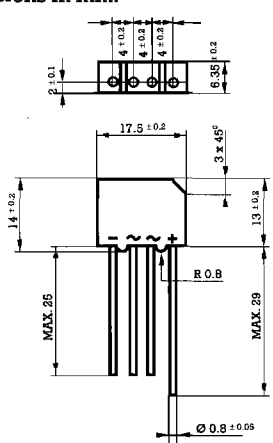



## 1.5 Amp. Glass Passivated Singel-Phase Bridge Rectifiers

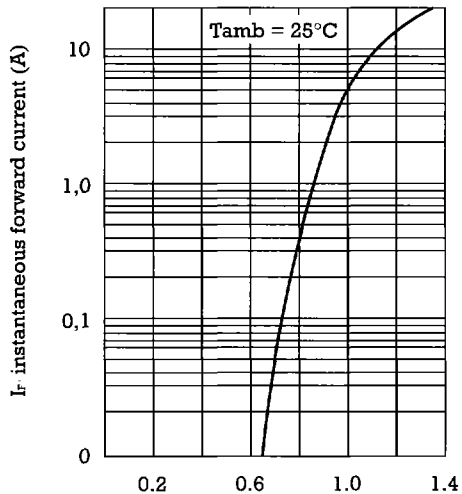
<p>Dimensions in mm.</p> 	<p>Voltage 50 to 1.000 V.</p> <p>Current 1.5 A.</p> 
	<ul style="list-style-type: none"> <li>• Glass Passivated Junction</li> <li>• UL recognized under component index file number E130180</li> <li>• Lead and polarity identifications</li> <li>• Terminals: Radial leads</li> <li>• Ideal for printed circuit board (P.C.B.)</li> <li>• Case: Molded Plastic</li> <li>• The plastic material carries U/L recognition 94 V-O</li> </ul>

### Maximum Ratings, in accordance with IEC publication No. 134

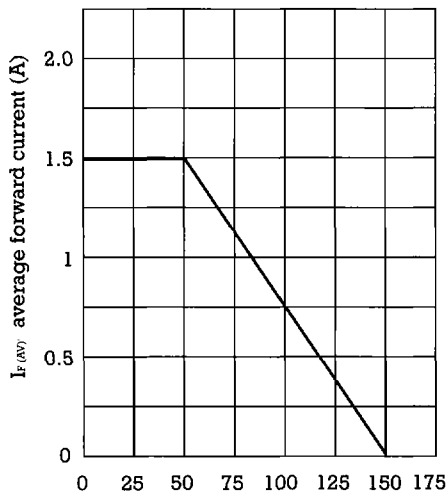
		FBP 005	FBP 01	FBP 02	FBP 04	FBP 06	FBP 08	FBP 10
$V_{RRM}$	Peak recurrent reverse voltage (V)	50	100	200	400	600	800	1000
$I_{F(AV)}$	Forward current at $T_{amb} = 50\text{ }^{\circ}\text{C}$	1.5 A						
$I_{FSM}$	8.3 ms. peak forward surge current (Jedec Method)	50 A						
$T_j$	Max. operating temperature range	+ 150 °C						
$T_{stg}$	Storage temperature range	- 55 to + 150 °C						

### Electrical Characteristics at $T_{amb} = 25\text{ }^{\circ}\text{C}$

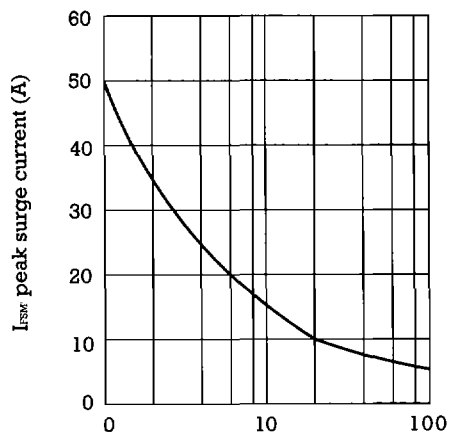
$V_f$	Max. forward voltage drop per element at $I_f = 1\text{ A}$	1.1 V
$I_r$	Max. reverse current per element at $V_{RRM}$	10 $\mu\text{ A}$



$V_F$  instantaneous forward voltage drop (V)



$T_{amb}$ , ambient temperature ( $^\circ\text{C}$ )



Number of cycles at 60 Hz.