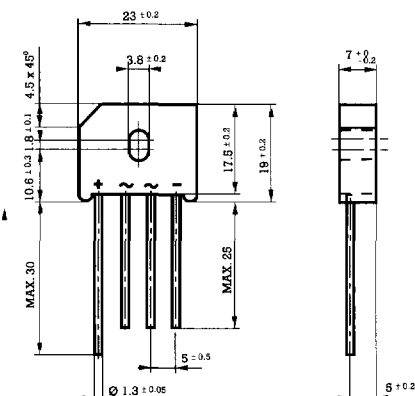



## 6 Amp. Glass Passivated Singel-Phase Bridge Rectifiers

<p>Dimensions in mm.</p> 	<p>Voltage 50 to 1.000 V.</p> <p>Current 6.0 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-0</li> </ul>

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

		FBU 6A	FBU 6B	FBU 6D	FBU 6C	FBU 6J	FBU 6K	FBU 6M
$V_{RRM}$	Peak recurrent reverse voltage (V)	50	100	200	400	600	800	1000
$I_{F(AV)}$	Forward current at $T_{amb} = 100\text{ }^{\circ}\text{C}$	6.0 A						
$I_{FSM}$	8.3 ms. peak forward surge current (Jedec Method)	175 A						
$T_j$	Max. operating temperature	+ 150 $^{\circ}\text{C}$						
$T_{stg}$	Storage temperature range	- 55 to + 150 $^{\circ}\text{C}$						

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

$V_F$	Max. forward voltage drop per element at $I_F = 6\text{ A}$	1.1 V
$I_R$	Max. reverse current per element at $V_{RRM}$	10 $\mu\text{A}$
$R_{th(j-c)}$	Thermal resistance junction to case	5 $^{\circ}\text{C/W}$

### Characteristic Curves

