

## 0.8 Amp. Glass Passivated Bridge Rectifier

<p>Dimensions in mm.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th>Suffix</th> <th>L ± 0.5</th> </tr> </thead> <tbody> <tr> <td>"A"</td> <td>4</td> </tr> <tr> <td>"B"</td> <td>3</td> </tr> </tbody> </table>	Suffix	L ± 0.5	"A"	4	"B"	3	<table style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">Voltage 100 to 900 V.</td> <td style="width: 50%;">Current 0.8 A</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> </div> <ul style="list-style-type: none"> <li>Glass Passivated Junction</li> <li>Case: Epoxy encapsulation</li> <li>Terminals: Radial leads</li> <li>Ideal for P.C.B.</li> </ul> <p>Lead and polarity identifications</p>	Voltage 100 to 900 V.	Current 0.8 A
Suffix	L ± 0.5								
"A"	4								
"B"	3								
Voltage 100 to 900 V.	Current 0.8 A								

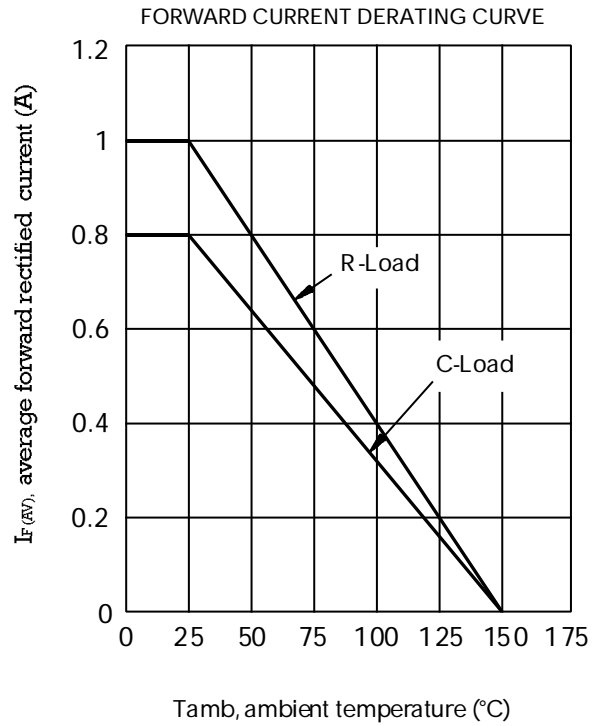
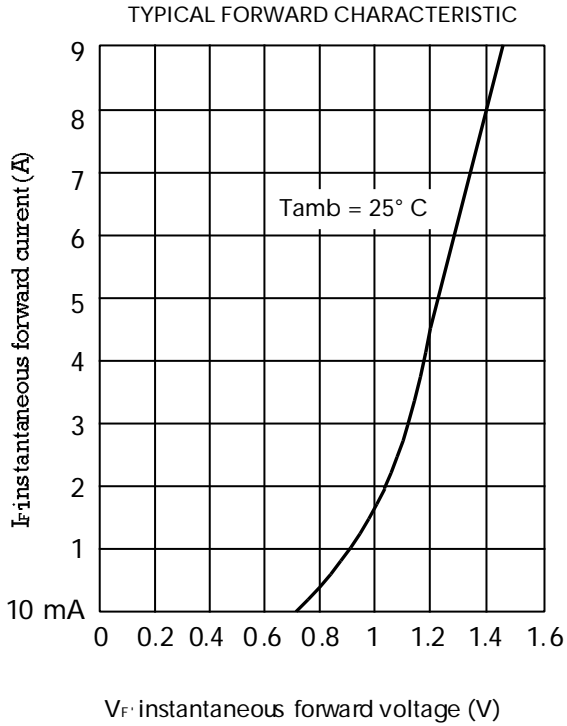
### Maximum Ratings, according to IEC publication No. 134

		B40 C800	B80 C800	B125 C800	B250 C800	B380 C800
$V_{RRM}$	Peak Recurrent Reverse Voltage (V)	100	200	300	600	900
$V_{RMS}$	Maximum RMS Voltage (V)	70	140	210	420	630
$V_R$	Recommended Input Voltage (V)	40	80	125	250	380
$I_{F(AV)}$	Forward current at $T_{amb} = 25\text{ °C}$ R load C load	1.0 A 0.8 A				
$I_{FRM}$	Recurrent peak forward current	8 A				
$I_{FSM}$	10 ms. peak forward surge current	30 A				
$I^2t$	$I^2t$ value for fusing (t = 10 ms)	4.5 A <sup>2</sup> sec				
$T_j$	Operating temperature range	- 40 to + 150 °C				
$T_{stg}$	Storage temperature range	- 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 V
$I_R$	Max. reverse current per element at $V_{RRM}$	10 $\mu\text{A}$

Characteristic Curves



OPERATION WITH CAPACITIVE LOAD

Limit values of  $R_s$  and  $C_L$  for a dequate protection a gainst switching transient.

Recommended input voltage $V_{RMS}$	Min. $R_s$ Tol $\pm 10\%$ Ohms	Max $C_L$ Tol + 50% - 20% $\mu F$
40	1	2500
80	2	1000
125	3	500
250	6	250
300	14	150

