

GLASS PASSIVATED BRIDGE RECTIFIERS	REVERSE VOLTAGE FORWARD CURRENT	- 50 to 1000Volts - 8.0 Amperes							
FEATURES									
<ul style="list-style-type: none"> Surge overload rating -175 amperes peak Low forward voltage drop Small size; simple installation Sliver plated copper leads Mounting position: Any 									
BR8									
<p>Polarity shown on side of case, Positive lead by beveled corner.</p> <p>Dimensions in inches and (millimeters)</p>									
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS									
Rating at 25°C ambient temperature unless otherwise specified.									
Single phase, half wave ,60Hz, resistive or inductive load.									
For capacitive load, derate current by 20%									
CHARACTERISTICS	SYMBOL	BR8005G	BR801G	BR802G	BR804G	BR806G	BR808G	BR810G	UNIT
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	V _{RMS}	30	70	140	280	420	560	700	V
Maximum Average Forward TC=100°C (Note1) Rectified Output Current at TA=50°C (Note2)	I _(AV)				8.0				A
					3.0				
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	I _{FSM}				175				A
Maximum Forward Voltage Drop Per Bridge Element at 4.0A Peak	V _F				1.1				V
Maximum Reverse Current at Rated TA=25°C DC Blocking Voltage Per Element TA=100°C	I _R				10.0				uA
					1.0				mA
Operating Temperature Range	T _J				-55 to +150				°C
Storage Temperature Range	T _{STG}				-55 to +150				°C
Notes: 1. Unit mounted on metal chassis									
2. Unit mounted on P.C. board									

RATING AND CHARACTERISTIC CURVES

BR8G SERIES

查询"BR802G"供应商

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FIG.1-DERRATING CURVE FOR
OUTPUT RECTIFIED CURRENT

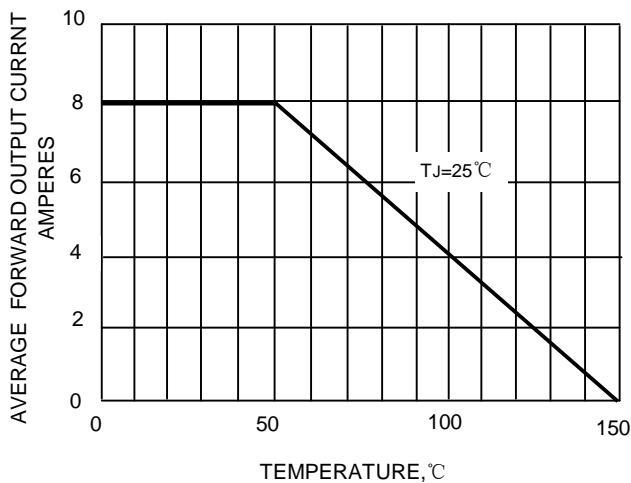


FIG.2-MAXIMUM FORWARD SURGE CURRENT

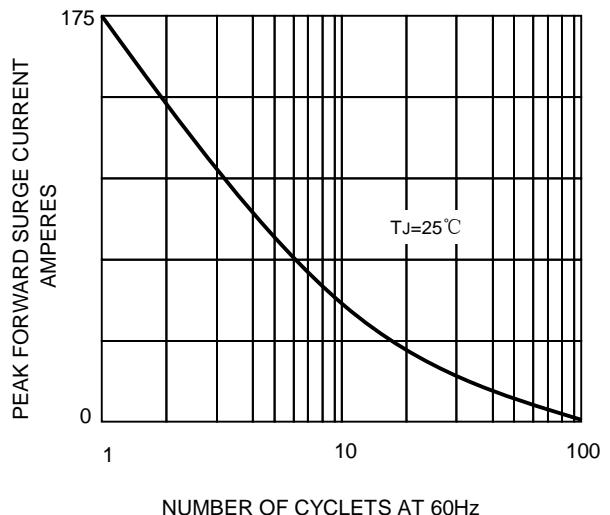


FIG.3-TYPICAL FORWARD
CHARACTERISTICS

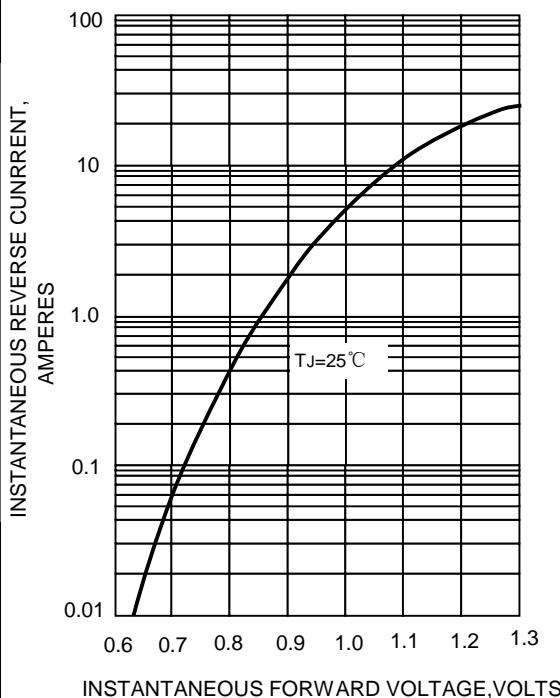


FIG.4-TYPICAL REVERSE
CHARACTERISTICS

