

DB101G THRU DB107G

Single Phase 1.0 AMP. Glass Passivated Bridge Rectifiers

DB



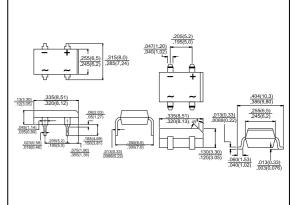


Voltage Range 50 to 1000 Volts Current 1.0 Ampere

DBS

Features

- ♦ UL Recognized File # E-96005
- ♦ Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique
- High temperature soldering guaranteed:
- ♦ 250°C / 10 seconds / 0.375" (9.5mm) lead length at 5 lbs., (2.3 kg) tension
- Small size, simple installation Leads solderable per MIL-STD-202, Method 208
- ♦ High surge current capability



Dimensions in inches and (millimeters)

Maximum Ratings and Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified.

Single phase, half wave, 60 Hz, resistive or inductive load.

For capacitive load, derate current by 20%

To capacitive load, derate current by 20%							
DBS 101G	DBS 102G	DBS 103G	DBS 104G	DBS 105G	DBS 106G	DBS 107G	Units
50	100	200	400	600	800	1000	>
35	70	140	280	420	560	700	V
50	100	200	400	600	800	1000	V
1.0						Α	
50						Α	
1.1						V	
DC Reverse Current @ T _A =25°C 10 C Blocking Voltage @ T _A =125°C 500							uA
500						uA	
-55 to +150						°C	
-55 to +150						°C	
	DB101G DBS 101G 50 35	DB101G DB102G DBS DBS 101G 102G 50 100 35 70	DB101G DB102G DB103G DBS DBS DBS 101G 102G 103G 50 100 200 35 70 140 50 100 200 -50 -50	DB101G DB102G DB103G DB104G	DB101G DB102G DB103G DB104G DB105G DBS	DB101G DB102G DB103G DB104G DB105G DB106G DBS DBS DBS DBS DBS DBS 101G 102G 103G 104G 105G 106G 50 100 200 400 600 800 35 70 140 280 420 560 50 100 200 400 600 800	DB101G DB102G DB103G DB104G DB105G DB106G DB107G DBS

Note: DBS for Surface Mount Package.



RATINGS AND CHARACTERISTIC CURVES (DB101G THRU DB107G)

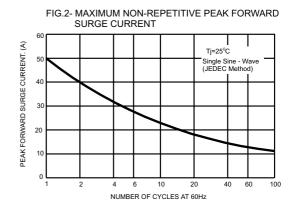
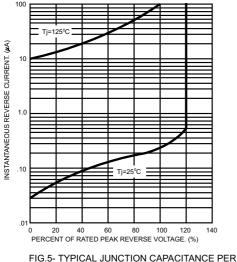
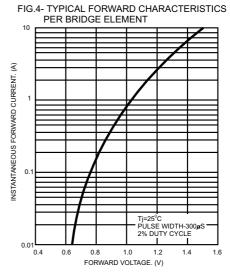


FIG.3- TYPICAL REVERSE CHARACTERISTICS
PER BRIDGE ELEMENT





BRIDGE ELEMENT

100

Tj=25°C
f=1.0MHz
Vsig=50mVp-p

REVERSE VOLTAGE. (V)