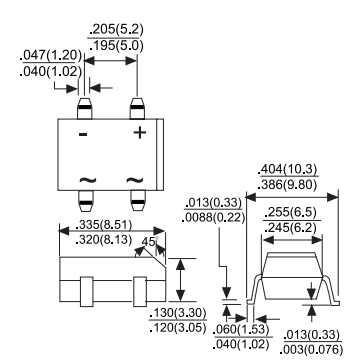


DB151S ~ DB157S

SINGLE PHASE 1.5AMPS. GLASS PASSIVATED BRIDGE RECTIFIERS	Voltage Range 50 to 1000 Volts Current 1.5Ampere								
<p>FEATURES</p> <ul style="list-style-type: none"> ● Ideal for printed circuit board ● Reliable low cost construction utilizing molded plastic technique ● High surge current capability ● High temperature soldering guaranteed: 250°C/10 seconds at 5 lbs.,(2.3kg) tension ● Small size, simple installation ● Leads solderable per MIL-STD-202, Method 208 	<p>DBS</p>  <p style="text-align: center;">Dimensions in inches and (millimeters)</p>								
<p>MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS</p> <p>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%</p>									
Type Number	DB 151S	DB 152S	DB 153S	DB 154S	DB 155S	DB 156S	DB 157S	UNITS	
Maximum Repetitive Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @TA = 40°C	IF(AV)	1.5						A	
Peak Forward Surge Current 8.3 ms Single Half Sine-wave Superimposed on Rated load (JEDEC method)	IFSM	50						A	
Maximum Instantaneous Forward Voltage Drop Per Leg @ 1.5A	VF	1.1						V	
Maximum DC Reverse Current at Rated DC Blocking Voltage @ TA = 25°C @ TA = 125°C	IR	10 500						uA uA	
Operating Temperature Range	TJ	-55 to+150						°C	
Storage Temperature Range	TSTG	-55 to+150						°C	

RATING AND CHARACTERISTIC CURVES DB151S THRU DB157S

