MB2S

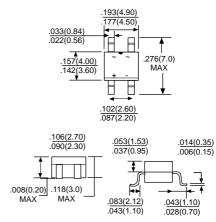
SINGLE PHASE 0.5 AMPS. GLASS PASSIVATED BRIDGE RECTIFIERS

Voltage Range 200 to 1000 Volts Current 0.5 Amperes

MBS

Features

- *Ideal for printed circuit board Reliable low cost construction utilizing molded plastic technique
- *High surge current capability
- *High temperature soldering guaranteed: 260°C / 10 seconds at 5 lbs.,(2.3kg) tension
- *Small size, simple installation
- *Leads solderable per MIL-STD-202 Method 208



Dimensions in inches and (millimeters)

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%

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Type Number		MB4S	MB6S	MB8S	MB10S	UNITS
		mb4s	mb6s	mb8s	mb10s	
VRRM	200	400	600	800	1000	V
VRMS	140	280	420	560	700	V
VDC	200	400	600	800	1000	V
lF(AV)	0.5 0.8					А
IFSM	35					А
VF	1.0					V
lR	5.0 100					uA uA
CJ	15					pF
R*JA	75					°C/W
TJ	-55 to +150					°C
Тѕтс	-55 to +150					°C
	VRMS VDC IF(AV) IFSM VF IR CJ R*JA TJ	VRMS 140 VDC 200 IF(AV) IFSM VF IR CJ R*JA TJ	mb2s mb4s VRRM 200 400 VRMS 140 280 VDC 200 400 IF(AV) IFSM VF IR CJ R*JA TJ	mb2s mb4s mb6s VRRM 200 400 600 VRMS 140 280 420 VDC 200 400 600 IF(AV) 0.5 IFSM 35 VF 1.0 IR 5.0 CJ 15 R*JA 75 TJ -55 to +150	mb2s mb4s mb6s mb8s VRRM 200 400 600 800 VRMS 140 280 420 560 VDC 200 400 600 800 IF(AV) 0.5 IFSM 35 VF 1.0 IR 5.0 CJ 15 R*JA 75 TJ -55 to +150	mb2s mb4s mb6s mb8s mb10s

Note:1.On glass epoxy P.C.B mounted on 0.05x 0.05"(1.3x1.3mm)pads

2.On aluminum substrate P.C.B with on area of 0.8"x 0.8"(20x20mm) mounted on

0.05x 0.05"(1.3x1.3mm)solder pad

3.Measured at 1.0MHz and applied reverse valtage of 4.0 volts.