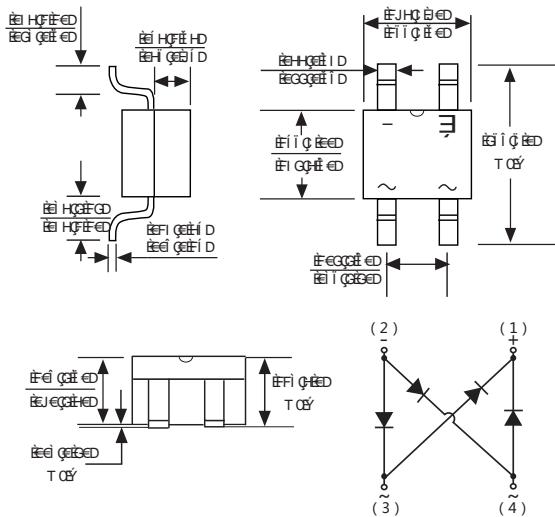




# SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

: YUh fYg

**MBS**  **ROHS**  
COMPLIANT



A YW UbJWJ 8 UhJ

7 UgY KÁRÖÖÖÁMBSÁT [ l̄á^á Á ] æ c̄ Á [ á^  
HYfa ] bUg] KÁU [ l̄á^' Á ] æc̄ á É [ l̄á^' æ ] ^ Á ^ Á T ŠEUVÖË I ÉT ^ oq å Á EG Á  
Dc` Uf] hmíkÁU [ æ Á Á ^ { à [ | Á ] s̄l q \* Á } Á [ á^  
Aci b h] b [ Dcg] h] cb KÁE ^  
K Y [ \ h] Á EÉ35 Á ^ } & Á E Á | æ • Á

AU ]a i a 'FUhb[ g'5 bX'9`YWf]WJ'7\ UFUWYf]ghW]

Üæ\*·ÁæG°ÔÁæ àæ} ðé^{| ^| æ| ^Á}| • Á@|. ä^Á| ^gææåE

Ùa \* | ^ Á @ e ^ Á a ^ E æ ^ A Æ P: È ^ A • ã ^ A ^ Á / Á å ^ & c ^ A ^ Á æ ^ È | Á e ^ A ^ Á æ ^ A ^ Á ^ È | Á e ^ A ^ Á ^ È

Note: 1. Measured at 1MHz and applied reverse voltage of 4 V D.C.

2. Mounted on glass epoxy PC board with  $4 \times 1.5'' \times 1.5''$  (  $3.81 \times 3.81$  cm ) copper pad.



# MB1S THRU MB10S

Voltage Range - 50 to 1000 V olts Current - 1.0 Ampere

## Ratings And Characteristic Curves

Fig.1 Average Rectified Output Current Derating Curve

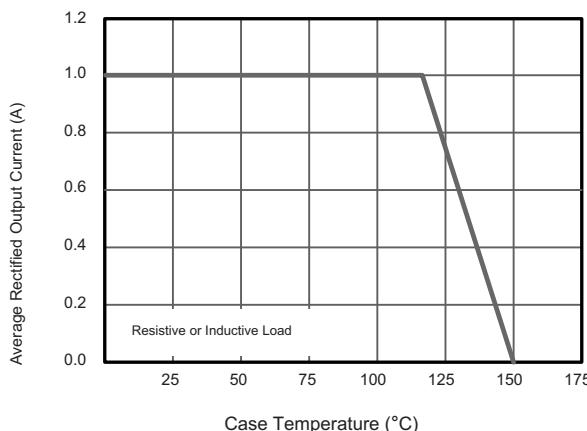


Fig.2 Typical Reverse Characteristics

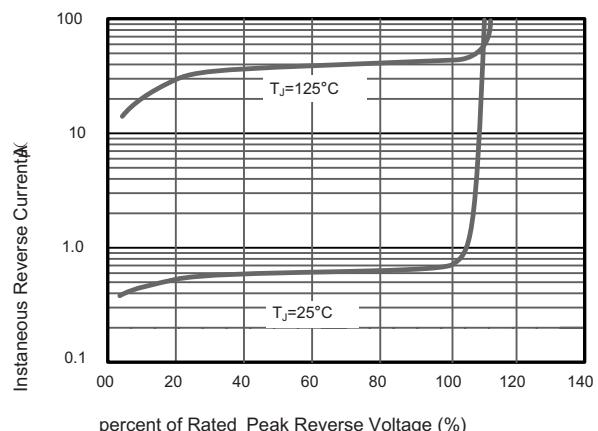


Fig.3 Typical Instantaneous Forward Characteristics

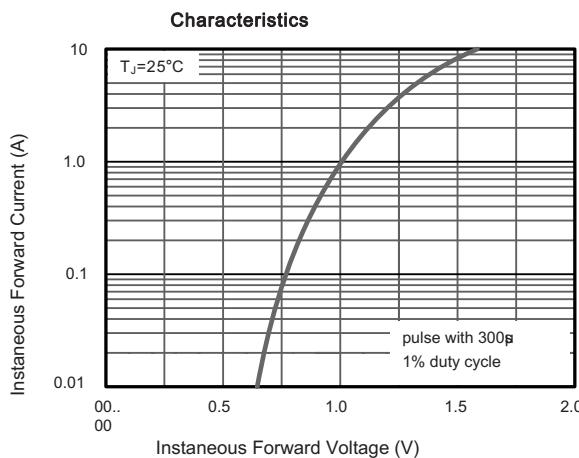


Fig.4 Typical Junction Capacitance

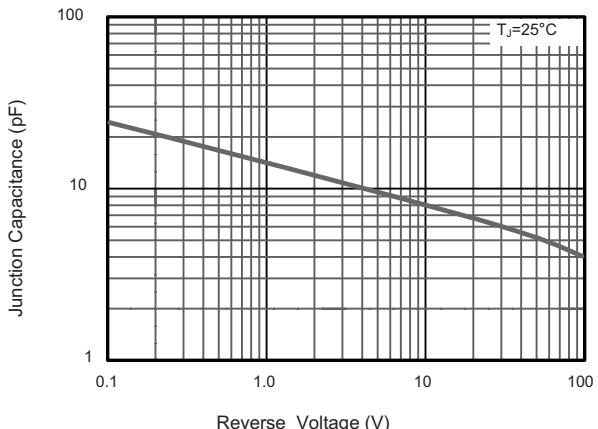
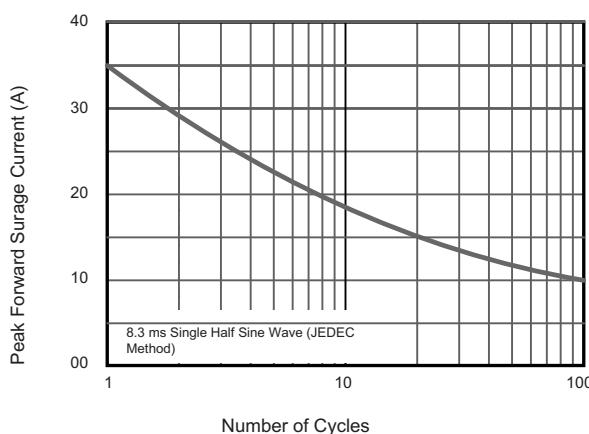
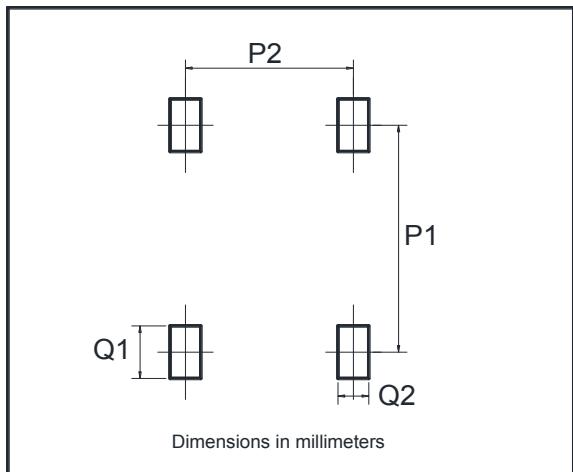


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current



**Suggested Pad Layout**

Dim	Min
P1	6.00
P2	2.40
Q1	1.84
Q2	1.20