

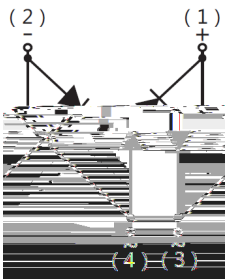
**/ Descriptions**

**/ Features**

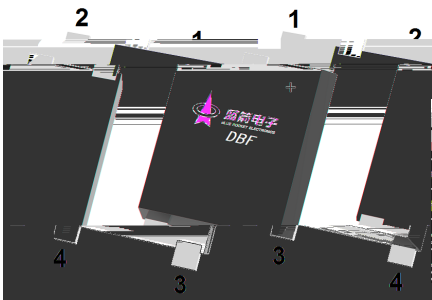
50V ~ 1000V                      3.0A

**/ Applications**

**/ Equivalent Circuit**

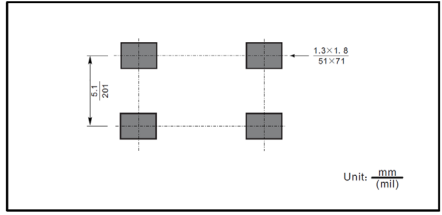


**/ Pinning**



Pin No.	Symbol	Function
1	+	Output End
2	-	Output End
3	+	Input End
4	-	Input End

The recommended mounting pad size



**/ Marking**

**/ Absolute Maximum Ratings(Ta=25 )**

									°C
									°C
									°C

**/ Electrical Characteristics(Ta=25 )**

		°C		μ
		°C		

/ Electrical Characteristic Curve

Fig. 1 Derating Curve for Output Rectified Current

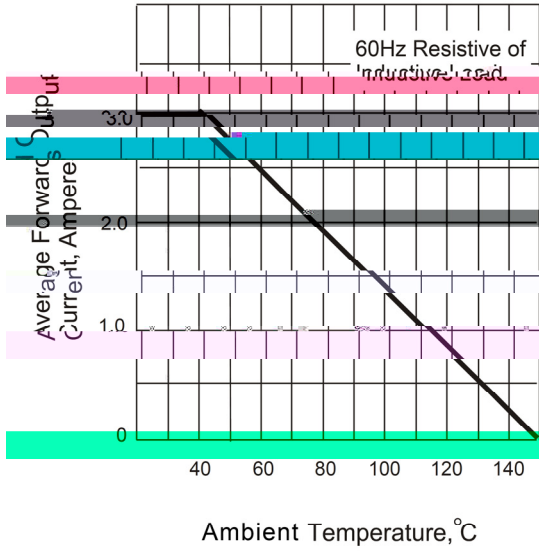


Fig. 2 Maximum Non-repetitive Peak Forward Surge Current

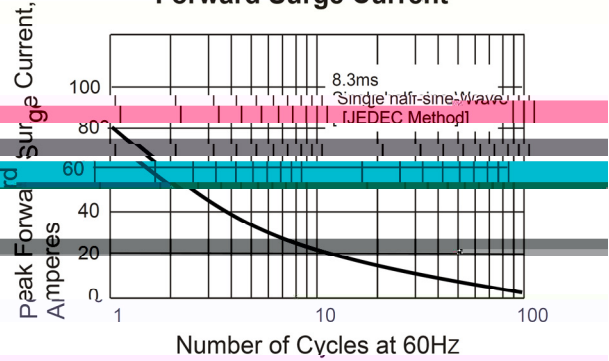


Fig. 3 Typical Instantaneous Forward Characteristics

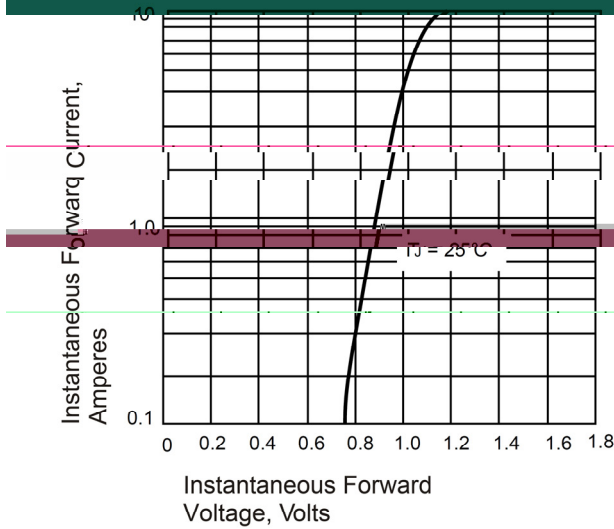


Fig. 4 Typical Reverse Characteristics

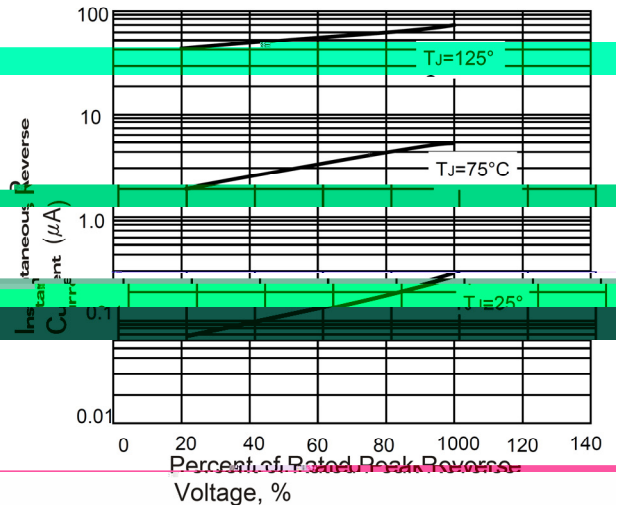
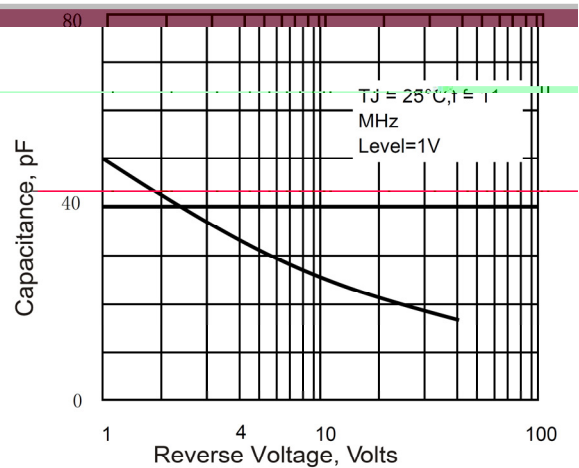
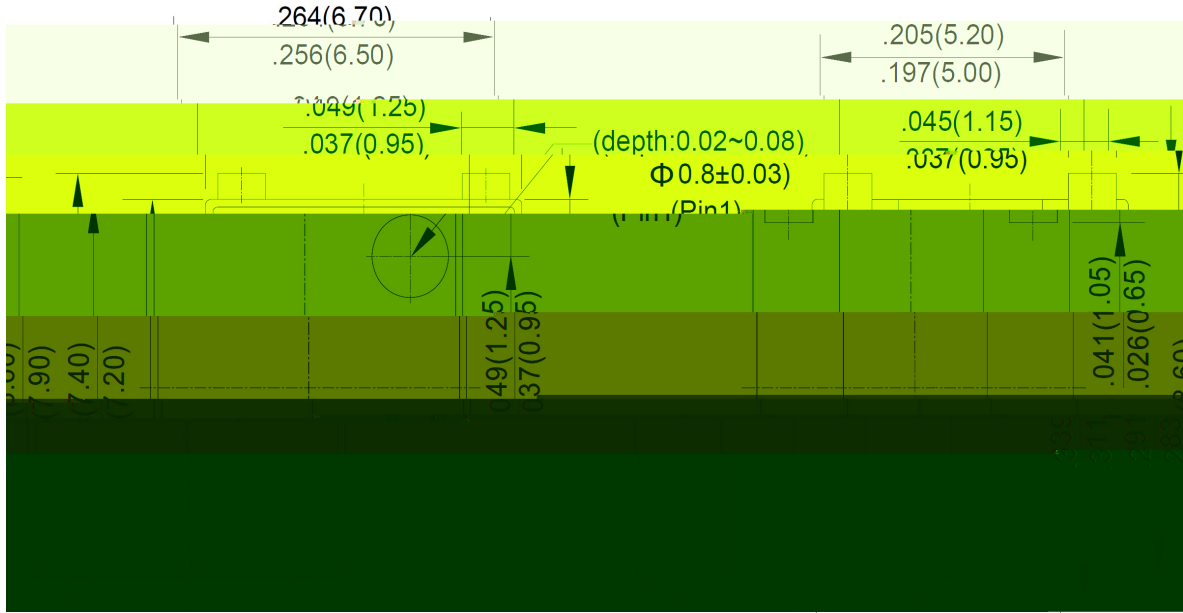


Fig. 5 Typical Junction Capacitance

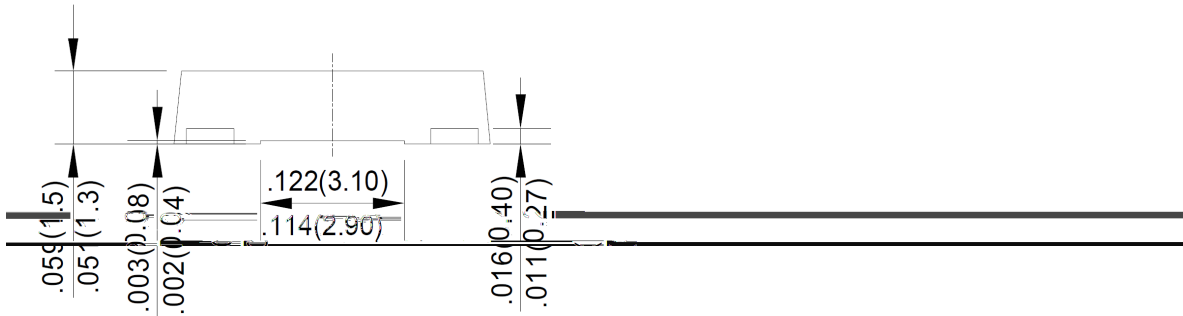


/ Package Dimensions



Top View

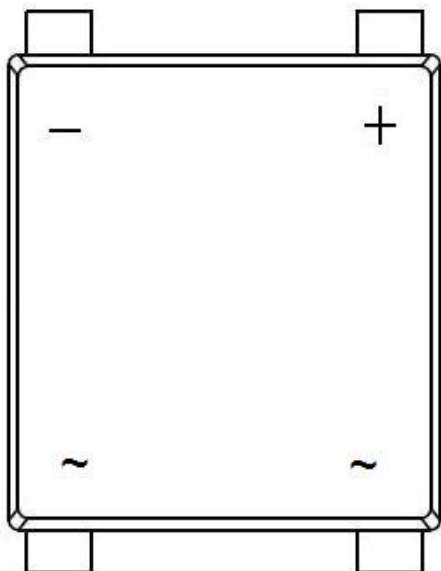
Bottom View



Side View



/ Marking Instructions



TMBF3005G  
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TMBF3005G  
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Lot No. Code, code change with Lot No

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)
