

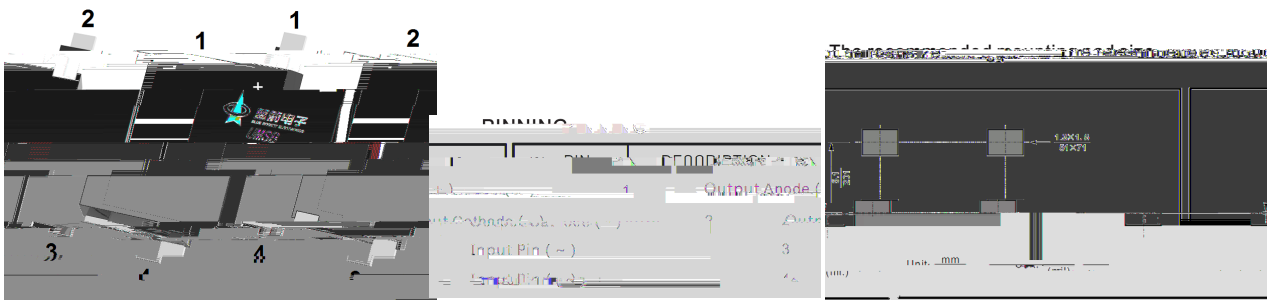
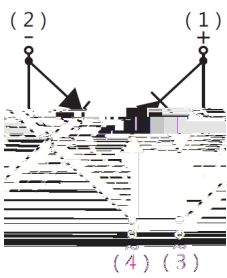
3.0A UMSB

3.0A Single-Phase Glass Passivated Bridge Rectifiers,UMSB thin package.

50V ~ 1000V 3.0A

Reverse Voltage :50 to 1000V,Forward Current: 3.0A, Designed for Surface Mount Application,HF product.

General purpose.



See Marking Instructions.

Parameter	Symbol	Rating							Unit
		TMBF 3005	TMBF 301	TMBF 302	TMBF 304	TMBF 306	TMBF 308	TMBF 310	

Fig. 1. Typical Rectifier Characteristics
Output Rectified Current

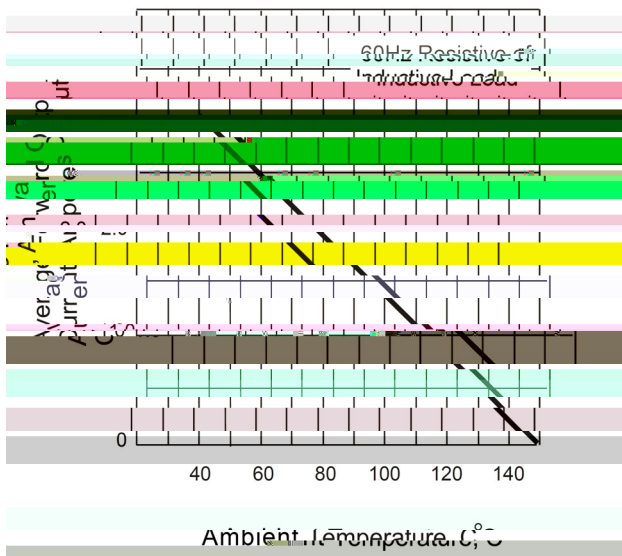


Fig. 2. Maximum Non-repetitive Peak Forward Surge Current

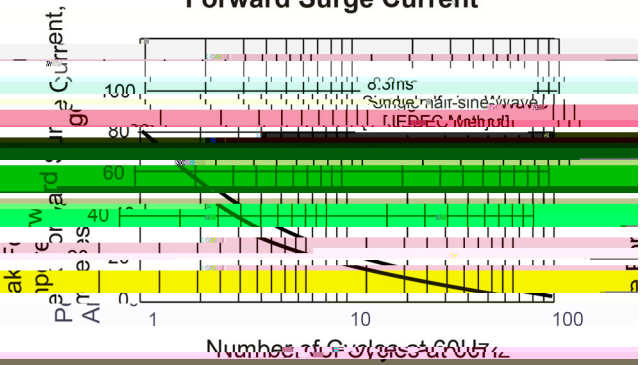


Fig. 4. Typical Reverse Characteristics

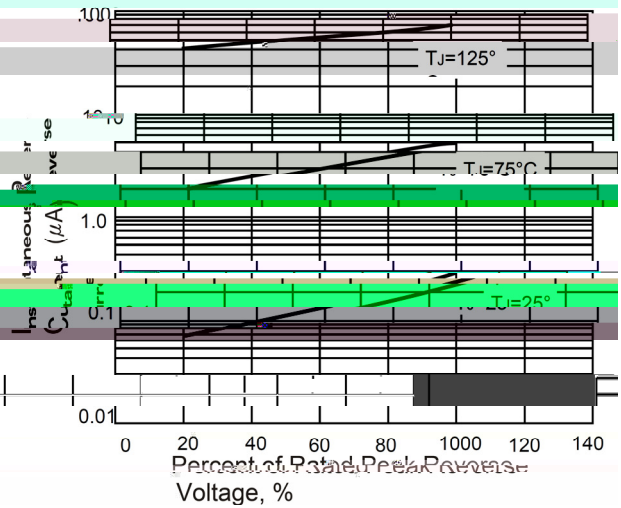


Fig. 3. Typical Instantaneous Forward Characteristics

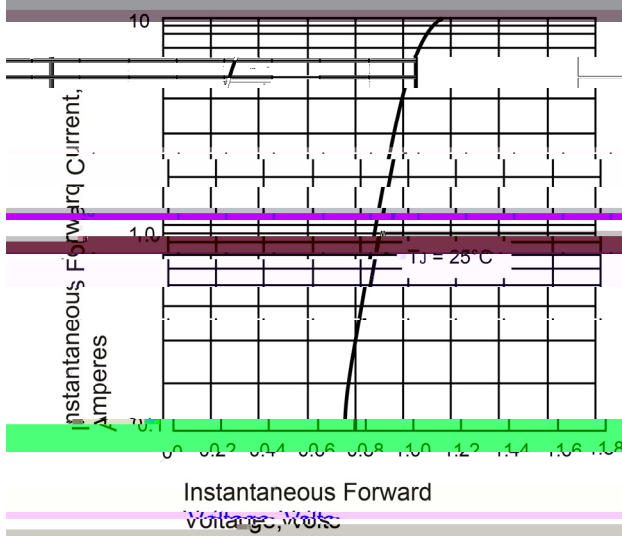
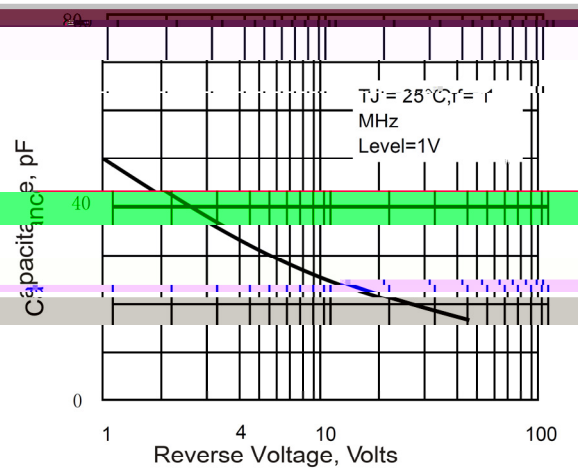
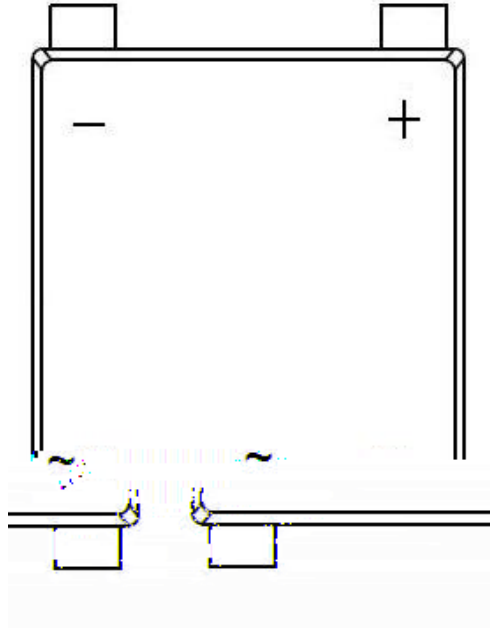


Fig. 5. Typical Junction Capacitance





Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

- | | | | |
|---|-----------|-------------|---|
| 1 | 150 ~ 180 | 60 ~ 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245±5 | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | 2 ~ 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |