

/ Descriptions

4.0A

UMSB

4.0A Single-Phase Glass Passivated Bridge Rectifiers,UMSB thin package.

/ Features

50V~1000V

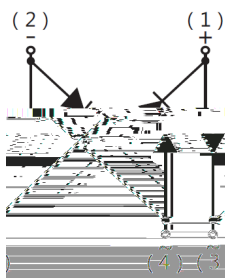
4.0A

Reverse Voltage :50 to 1000V,Forward Current: 4.0A, Designed for Surface Mount Application,HF product.

/ Applications

General purpose.

/ Equivalent Circuit



/ Pinning



/ Marking

See Marking Instructions.

Parameter	Symbol	Rating							Unit
		TMBF 4005	TMBF 401	TMBF 402	TMBF 404	TMBF 406	TMBF 408	TMBF 410	

/ Electrical Characteristic Curve

Fig.1 Typical Rectifying Curve for Output Rectified Current

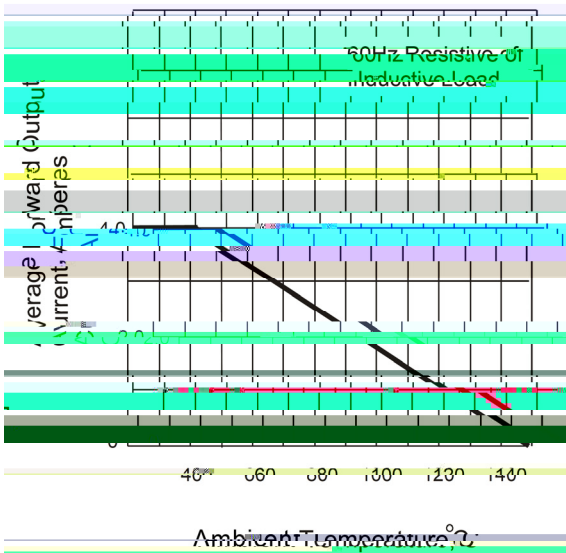


Fig.2 Maximum Non-repetitive Peak Forward Surge Current

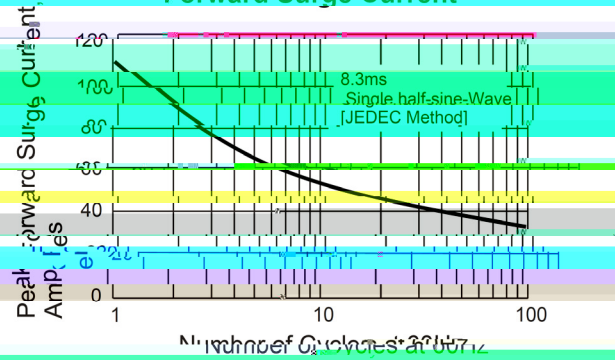


Fig.4 Typical Reverse Characteristics

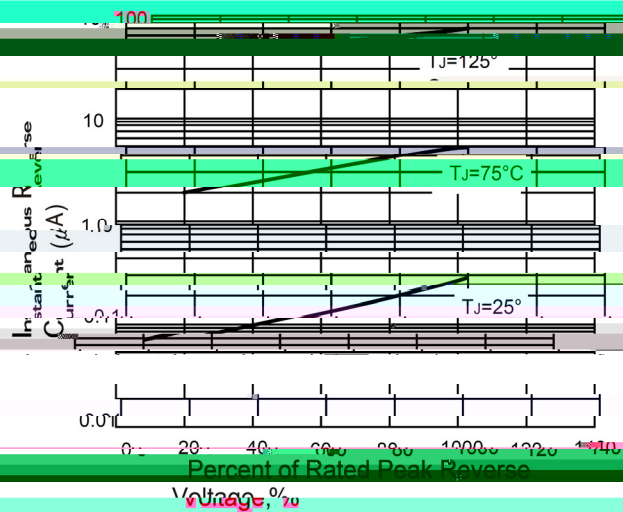


Fig.3 Typical Instantaneous Forward Characteristics

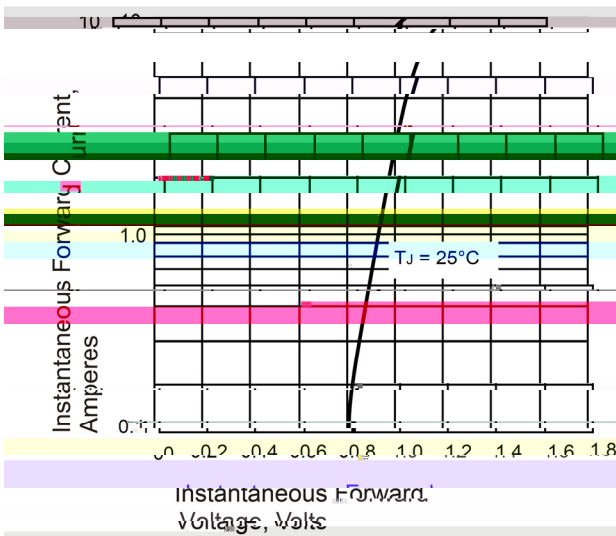
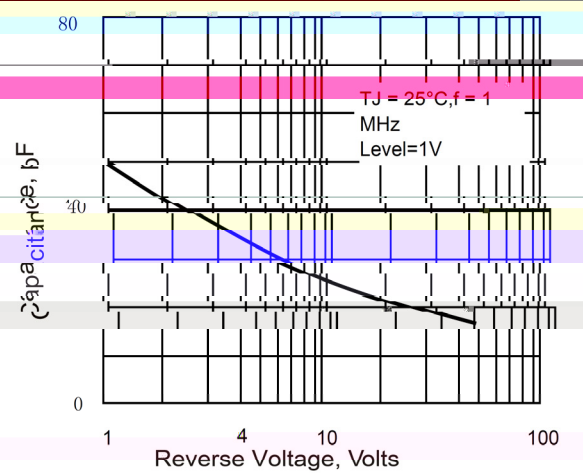
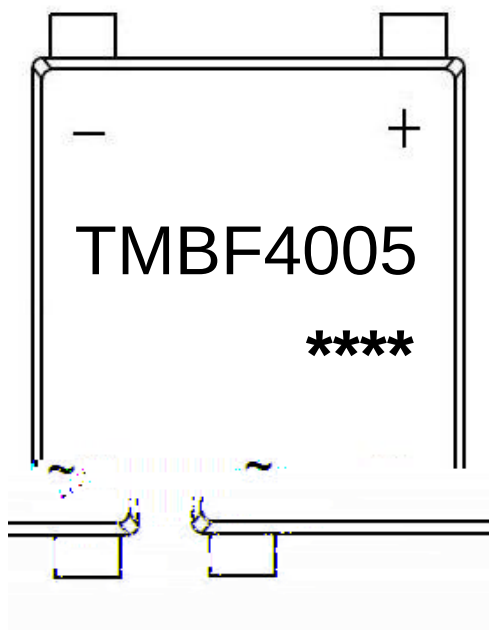


Fig.5 Typical Junction Capacitance



TMBF4005~TMBF410

/ Marking Instructions



TMBF4005

Note:

TMBF4005

Product Type Code

Lot No. Code, code change with Lot No

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

- 1

150 180

60 90sec;
- 2

245±5

5±0.5sec;
- 3

2 10

/sec.
- Note:

1.Preheating:150~180 , Time:60~90sec.

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.