

TMBF3005~TMBF310

Rev.A Jan.-2024

/ Descriptions

3.0A

UMSB

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

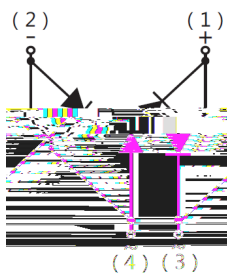
/ Features

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

/ Applications

General purpose.

/ Equivalent Circuit



/ Pinning

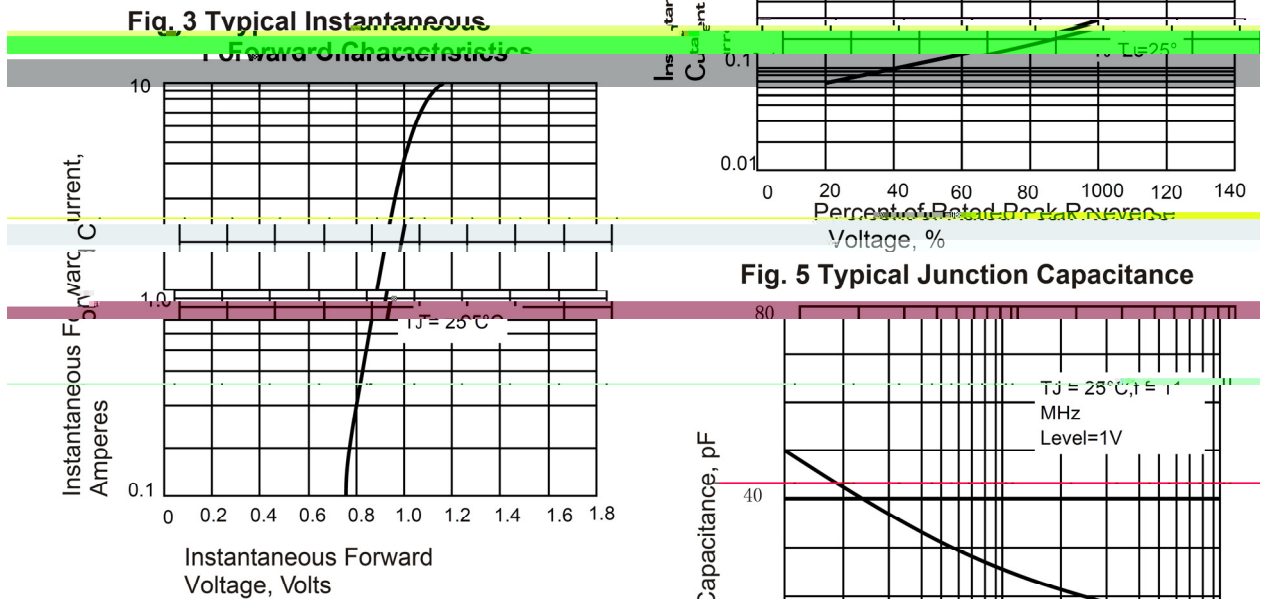
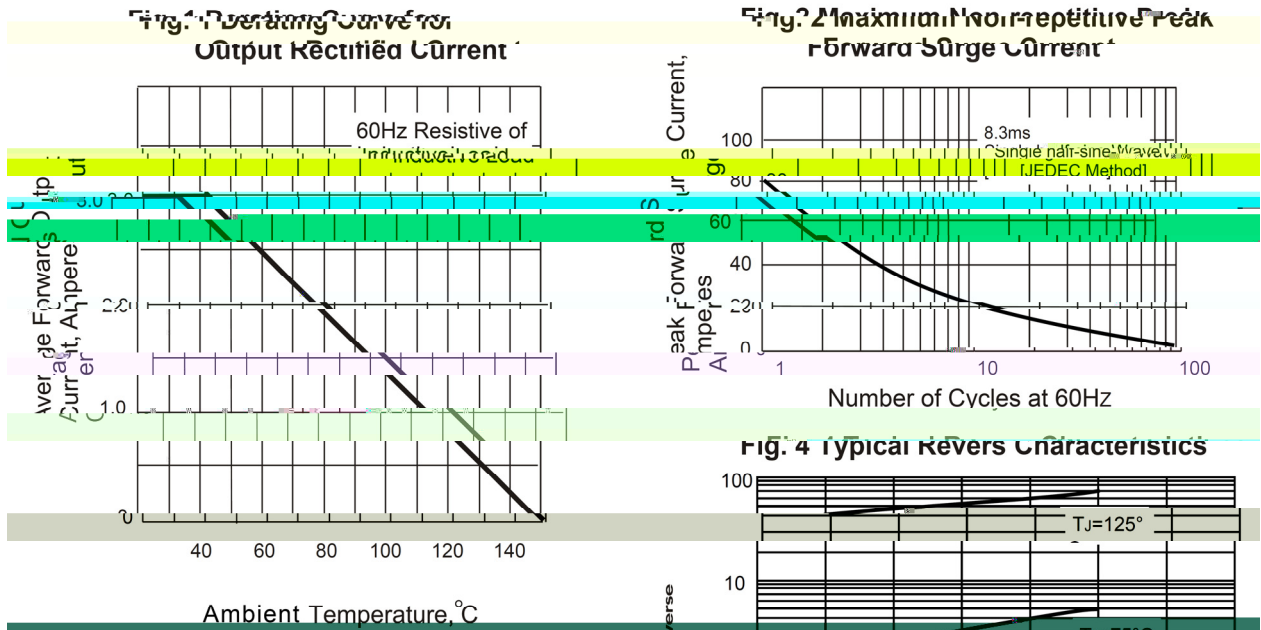


/ Marking

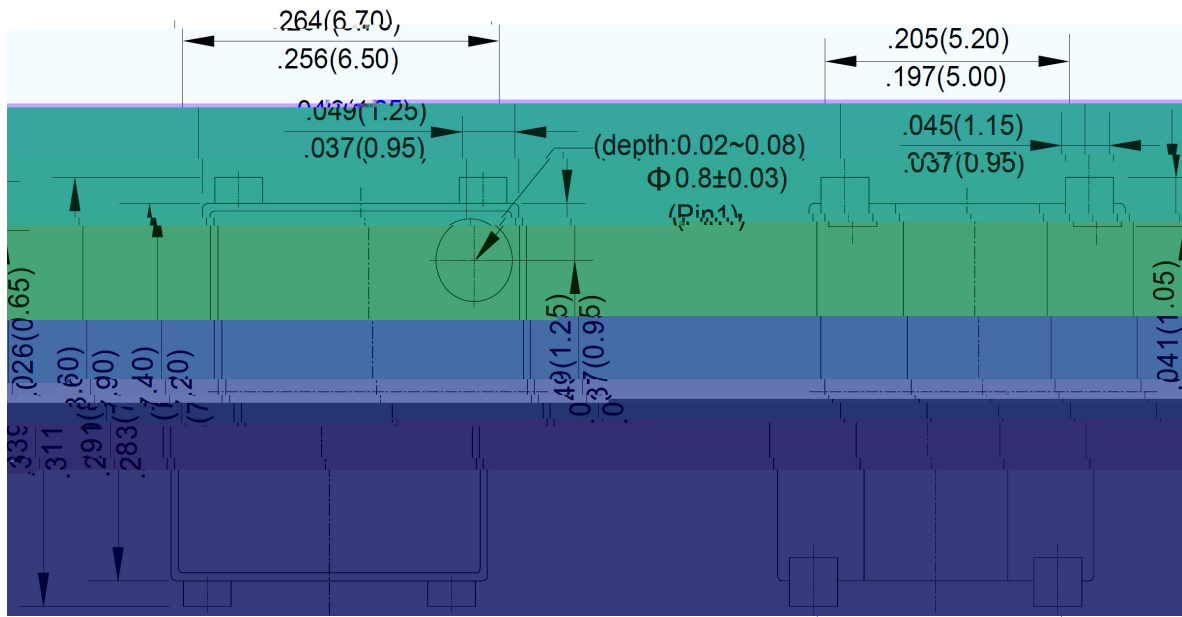
See Marking Instructions.

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

/ Electrical Characteristic Curve

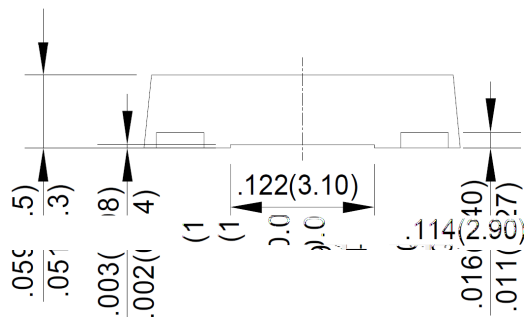


/ Package Dimensions



Top View

Bottom View

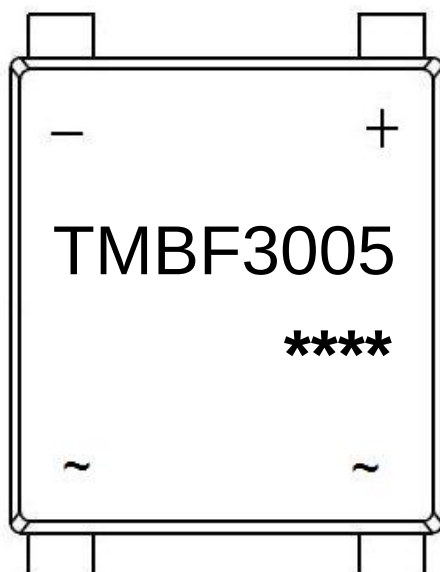


Side View





/ Marking Instructions



Note:

Product Type Code

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



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 °C , Time:60~90sec.
- 2

245 5

5 0.5sec;

2.Peak Temp.:245 ± 5 °C , Duration:5 ± 0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 °C/sec.

/ Resistance to Soldering Heat Test Conditions

260 ± 5 °C 10 ± 1 sec. Temp.:260±5 °C Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
UMSB	3,000	2	6,000	6	36,000	13"×16	337×337×49	380×335×366

/ Notices