

4 0 A

U M S D

0 1 2 3 4 5 6 7 8 9 10 11 12

Diagram illustrating a 2x2 grid of squares. The vertical distance between the centers of the squares is labeled as $\frac{5.1}{201}$. The horizontal distance between the centers of the squares is labeled as $\frac{1.3 \times 1.8}{51 \times 71}$. The unit is given as $\frac{\text{mm}}{(\text{mil})}$.

6. a. a. M. a. c. b. l. a. m. l. a. e. t. u. a. t. i. o. n. e.

TMBF4005~TMBF410

/ Absolute Maximum Ratings(Ta=25)

参 数 名 称	单 位	电 压 /V							备 注
		TM 0.5V	TM 0.5V	TM 0.5V	TM 0.5V	TM 0.5V	TM 0.5V	TM 0.5V	
最大允许重复峰值电压	V _{RRM}	50	100	200	400	400	400	1000	Y
最大允许非重复峰值电压	V _{RRM}	50	50	100	200	400	400	1000	Y
最大允许直流反向电压	V _{SR}	50	100	200	400	400	400	1000	Y
最大允许正向峰值电流	I _{FSM}	4.0							A
最大允许正向平均电流	I _{FAV}	1.0							A
最大允许正向峰值功率	P _{FSM}	4.0							A ¹
最大允许正向平均功率	P _{FAV}	1.0							10
最大允许正向峰值功耗	P _{FSM}	4.0							4.0
最大允许正向平均功耗	P _{FAV}	1.0							

/ Electrical Characteristics(Ta=25)

参 数 名 称	单 位	参 数 名 称	单 位	备 注
最大允许正向峰值电压	V _{RRM}	最大允许正向峰值电流	I _{FSM}	Y
最大允许直流反向电压	V _{SR}	最大允许正向峰值功率	P _{FSM}	μ
最大允许正向峰值功耗	P _{FSM}	最大允许正向平均功耗	P _{FAV}	

/ Electrical Characteristic Curve

Fig. 1 Operating Curve for

Output Rectified Current

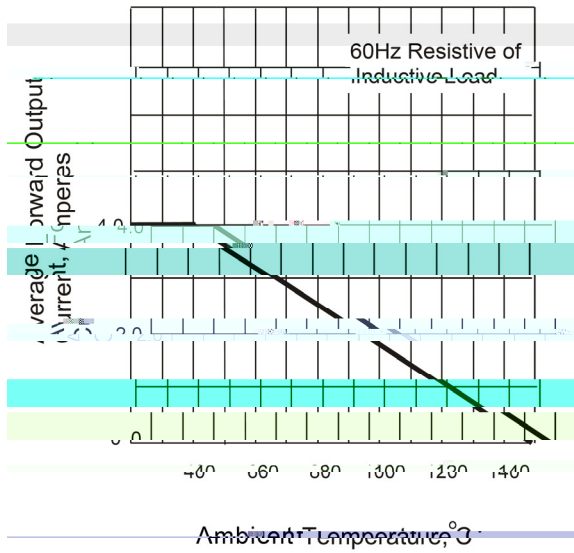


Fig. 2 Maximum Non-repetitive Peak

Forward Surge Current

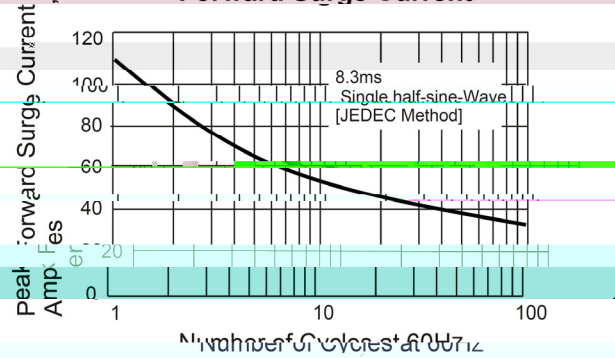


Fig. 4 Typical Revers Characteristics

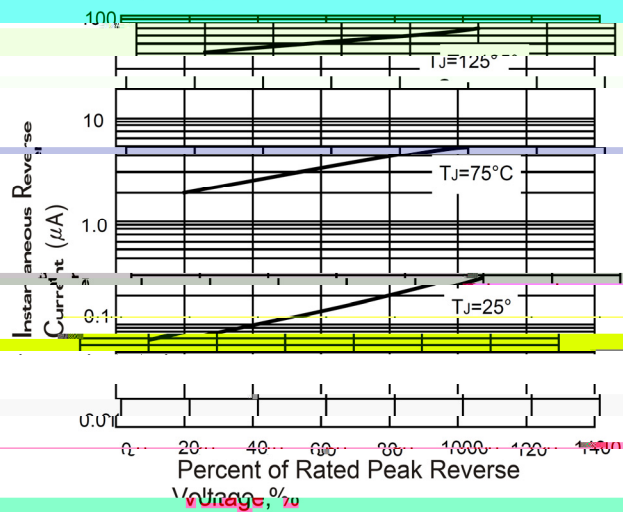


Fig. 3 Typical Instantaneous

Forward Characteristics

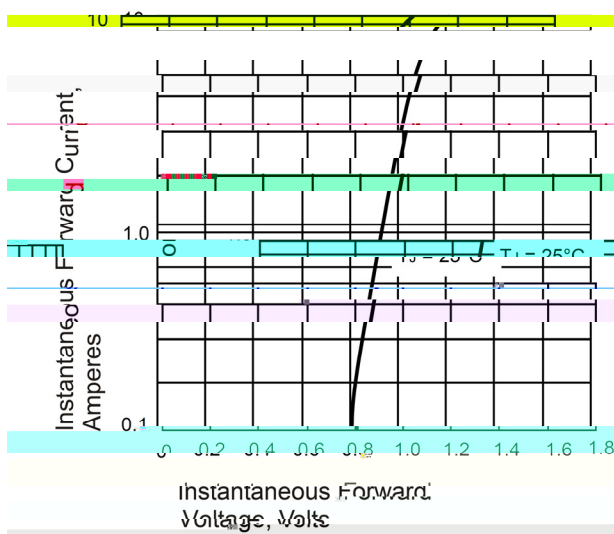
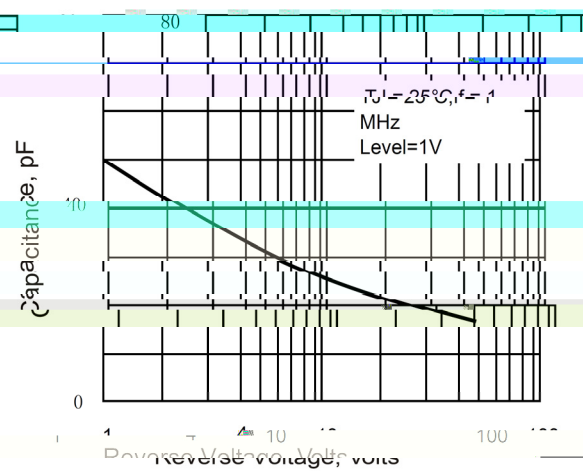


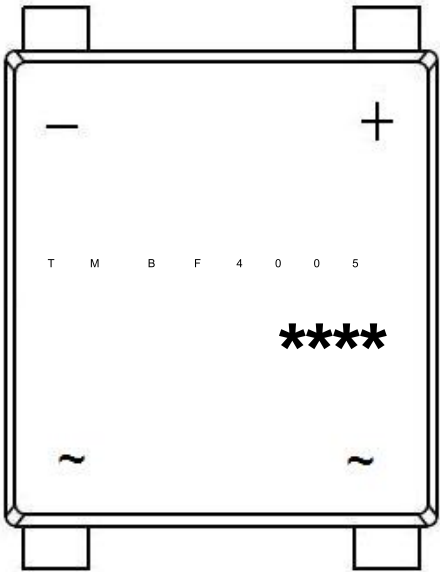
Fig. 5 Typical Junction Capacitance



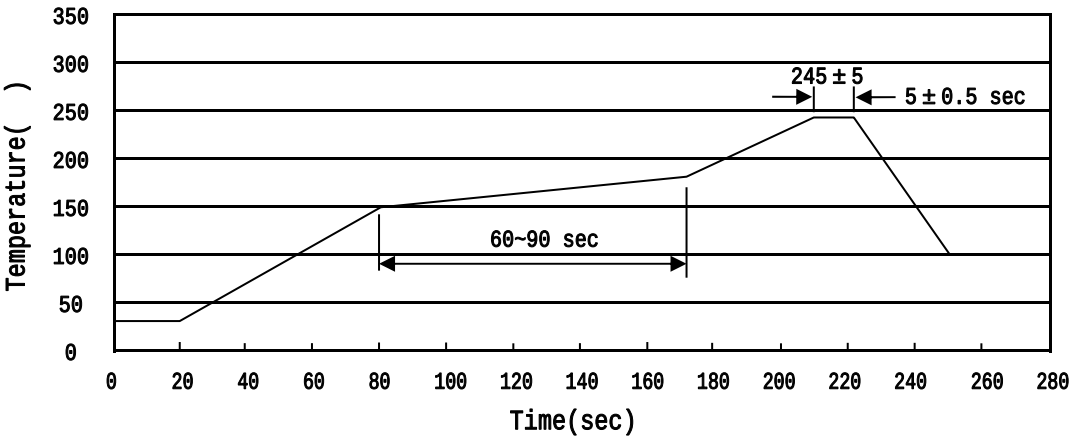
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/ Marking Instructions



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NOTE:

1. 150-180℃ 60-90 sec
2. 245±5℃ 5±0.5 sec
3. 2-10 min
1. 150-180℃ 60-90 sec
2. 245±5℃ 5±0.5 sec
3. 2-10 min

/ Resistance to Soldering Heat Test Conditions

200±5℃ 10-15 sec

245±5℃ 5±0.5 sec

2-10 min

/ Packaging SPEC.

REEL

	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box

/ Notices