/ Descriptions

40V 5.0A SMBF

Surface Mount Schottky Barrier Rectifier, Reverse Voltage:40V,Forward Current:5.0A,SMBF thin package.

/ Features

Low power loss, high efficiency, High forward surge current capability, For use in low voltage, high frequency inverters, and polarity protection applications,For surface mounted applications.Halogen free product.

/ Applications

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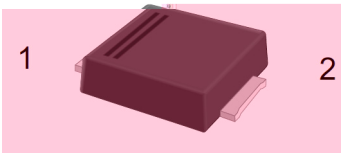
General purpose.

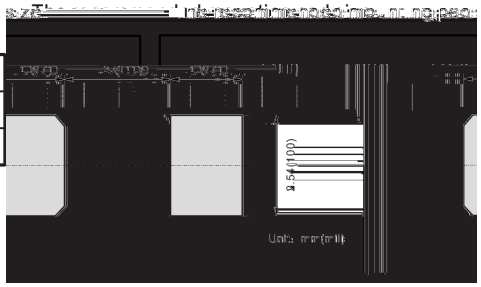
/ Equivalent Circuit



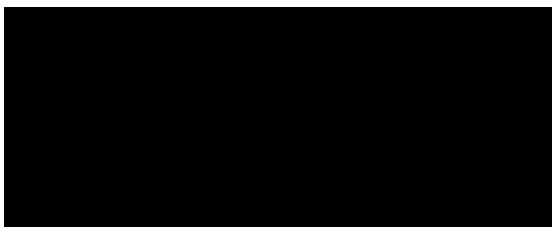
/ Pinning



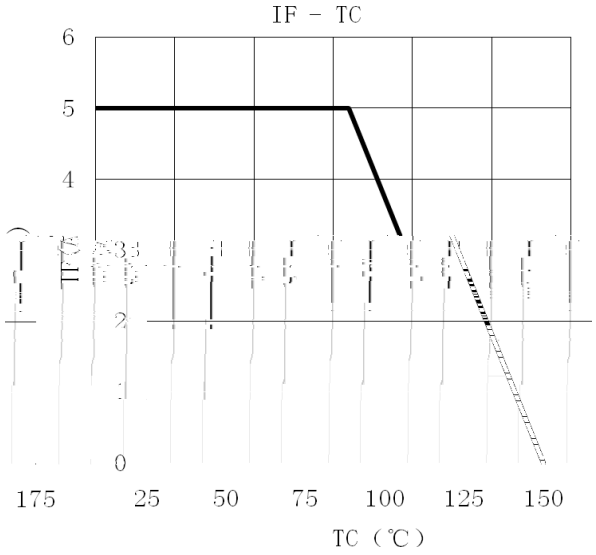
PIN	DESCRIPTION
1	Cathode
2	Anode

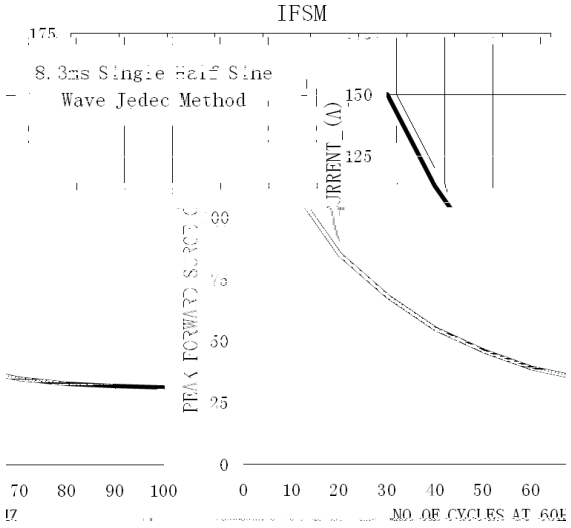


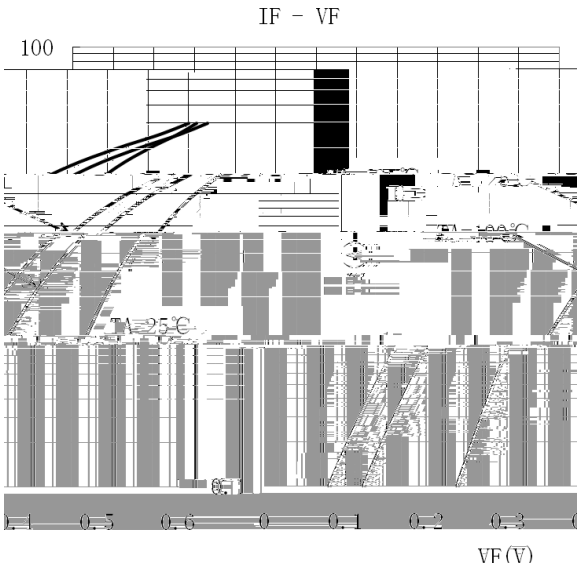
/ Marking

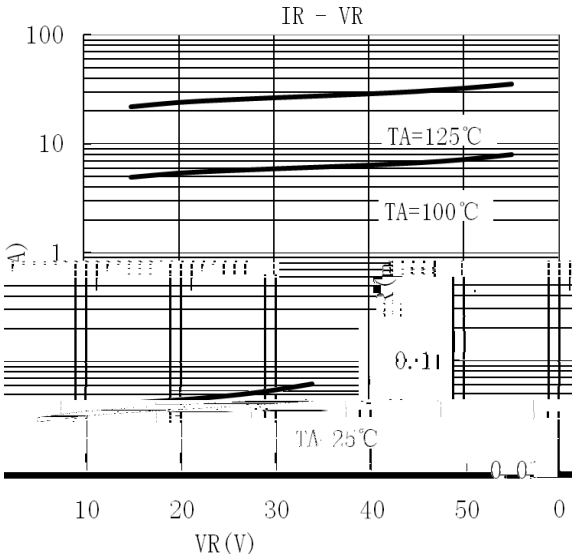


/ Electrical Characteristic Curve

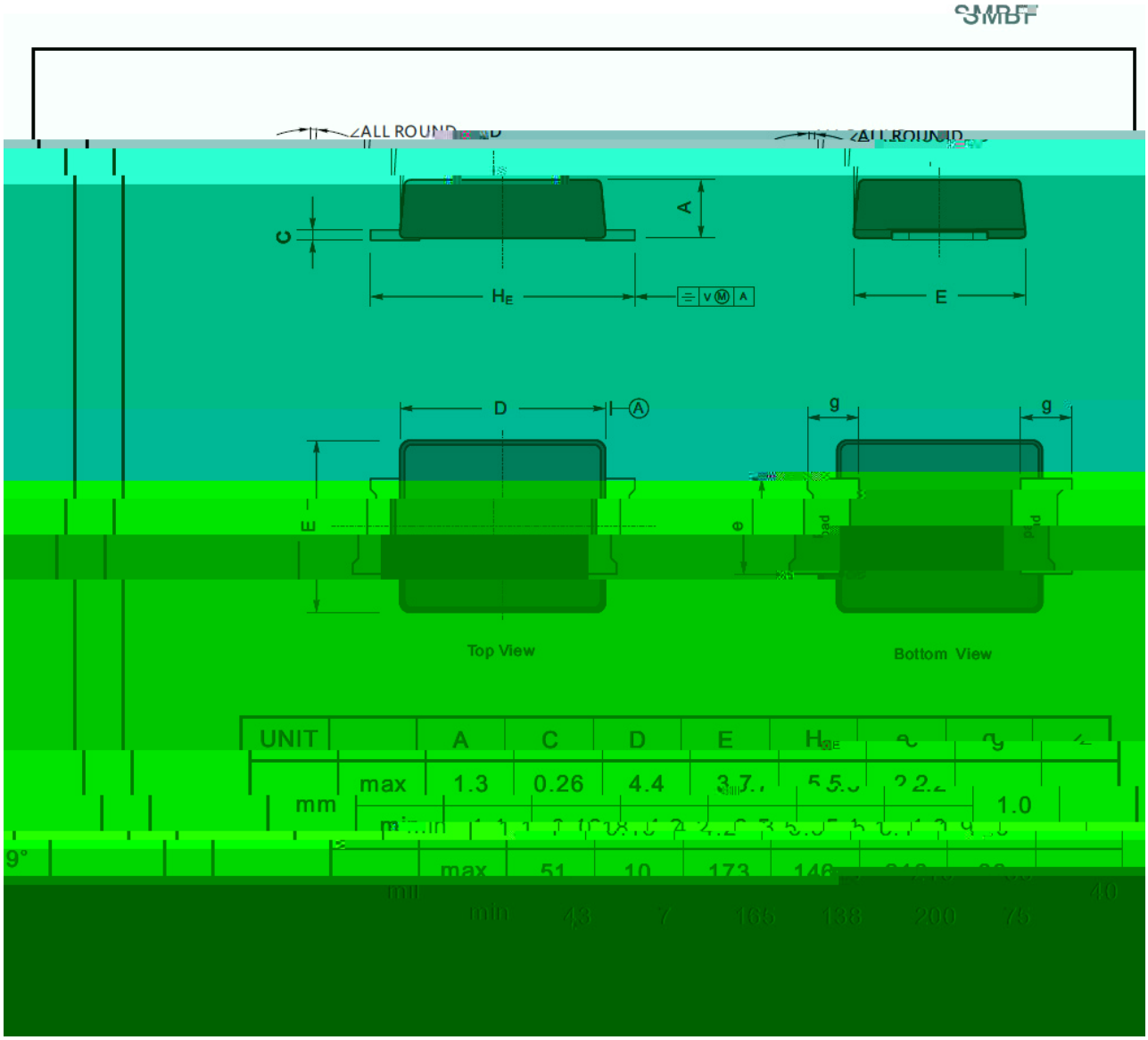






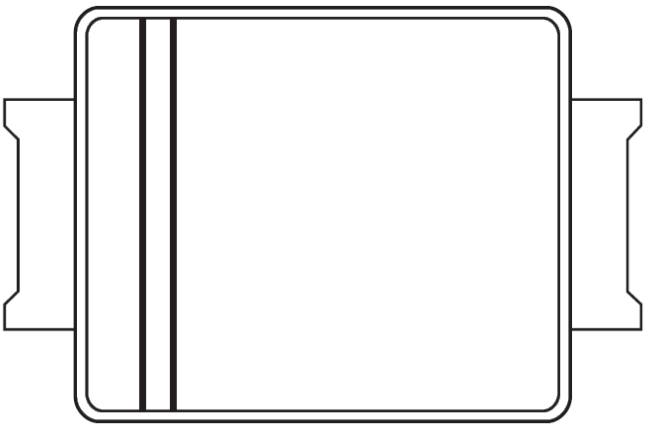


/ Package Dimensions



UNIT		A	C	D	E	H_E	g	g	
mm	max	1.3	0.26	4.4	3.7	5.5	2.2	1.0	
	min								
g°	max	51	10	173	146				40
	min	43	7	166	138	200	75		

/ Marking Instructions



5T40

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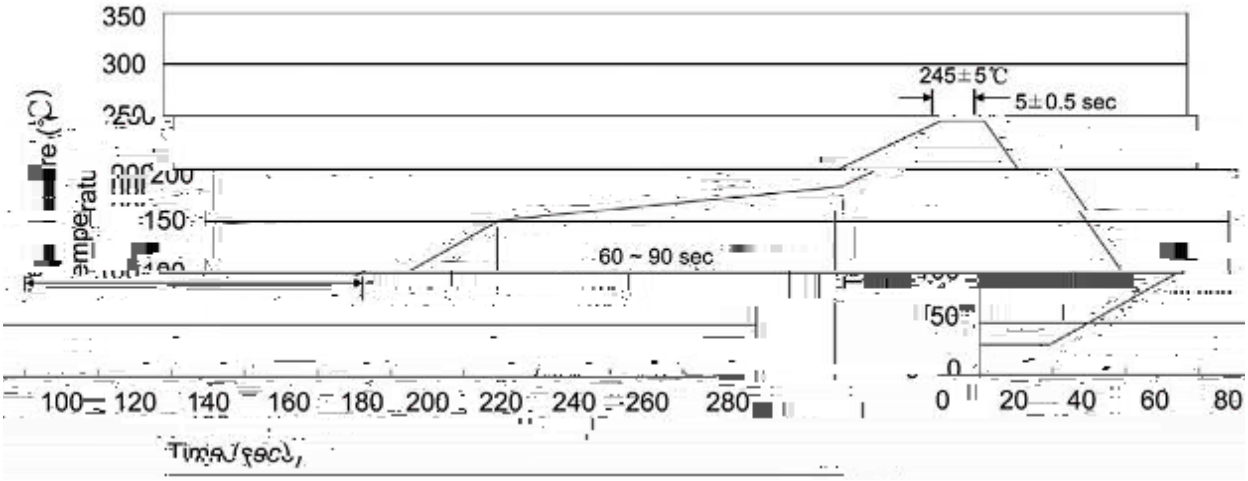

Note:

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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SMBF	5000	2	10000	5	50000	13 ×15	336X332X40	380X335X366

/ Notices