

/ Descriptions

60V 5.0A SMBF

Surface Mount Schottky Barrier Rectifier, Reverse Voltage:60V,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.

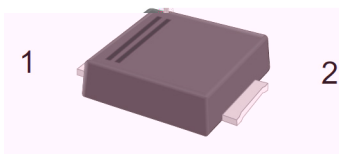
/ Applications

General purpose.

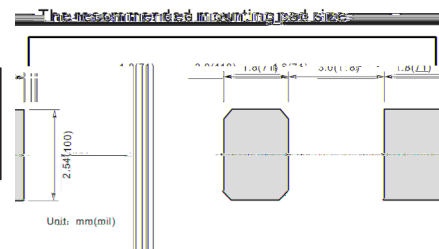
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



/ Marking

Type number	Marking code
BRLV5T60BF	5T60

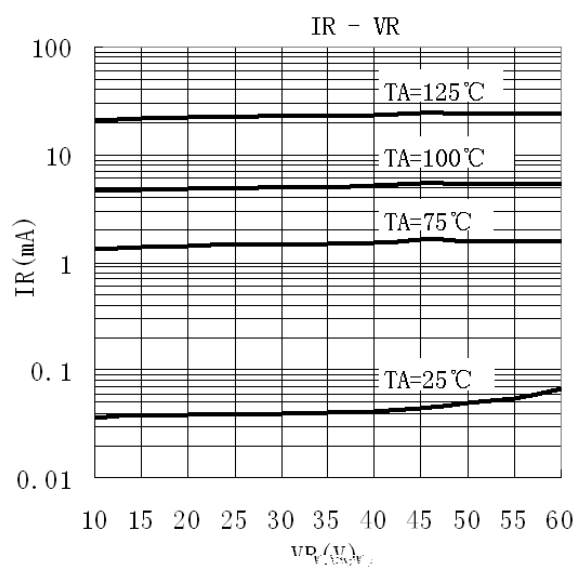
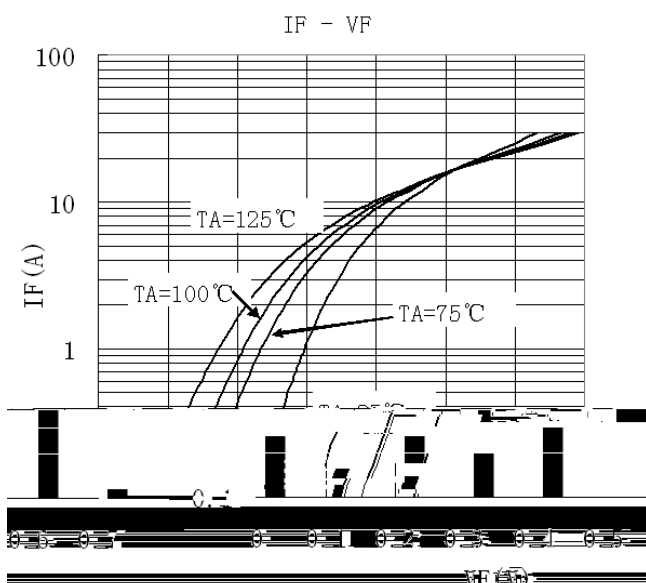
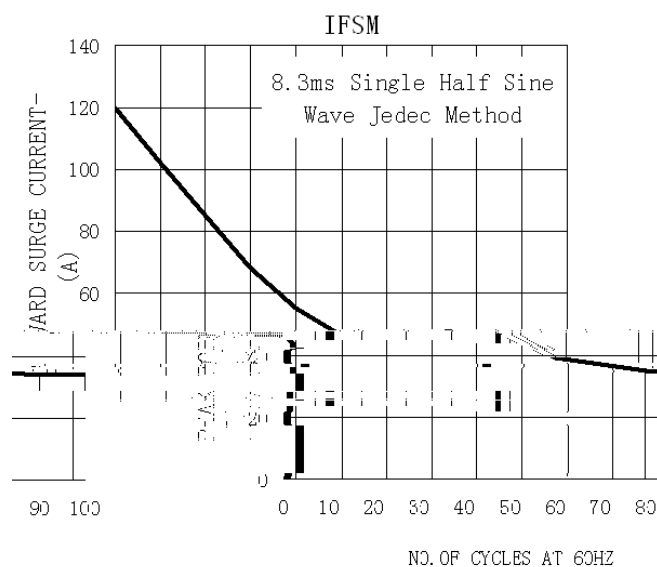
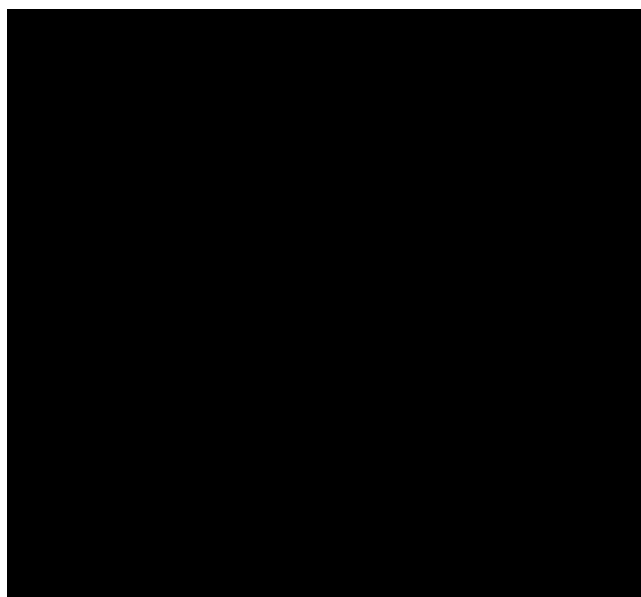
Notes:

- 1 Mounted at 1MHz and applied reverse voltage of 4V D.C.
- 2 Mounted on a FR4 PCB, single-sided copper, with 100cm² copper pad area.

Parameter	Symbol	Test condition	Rating			Unit
			MIN.	TYP.	MAX.	

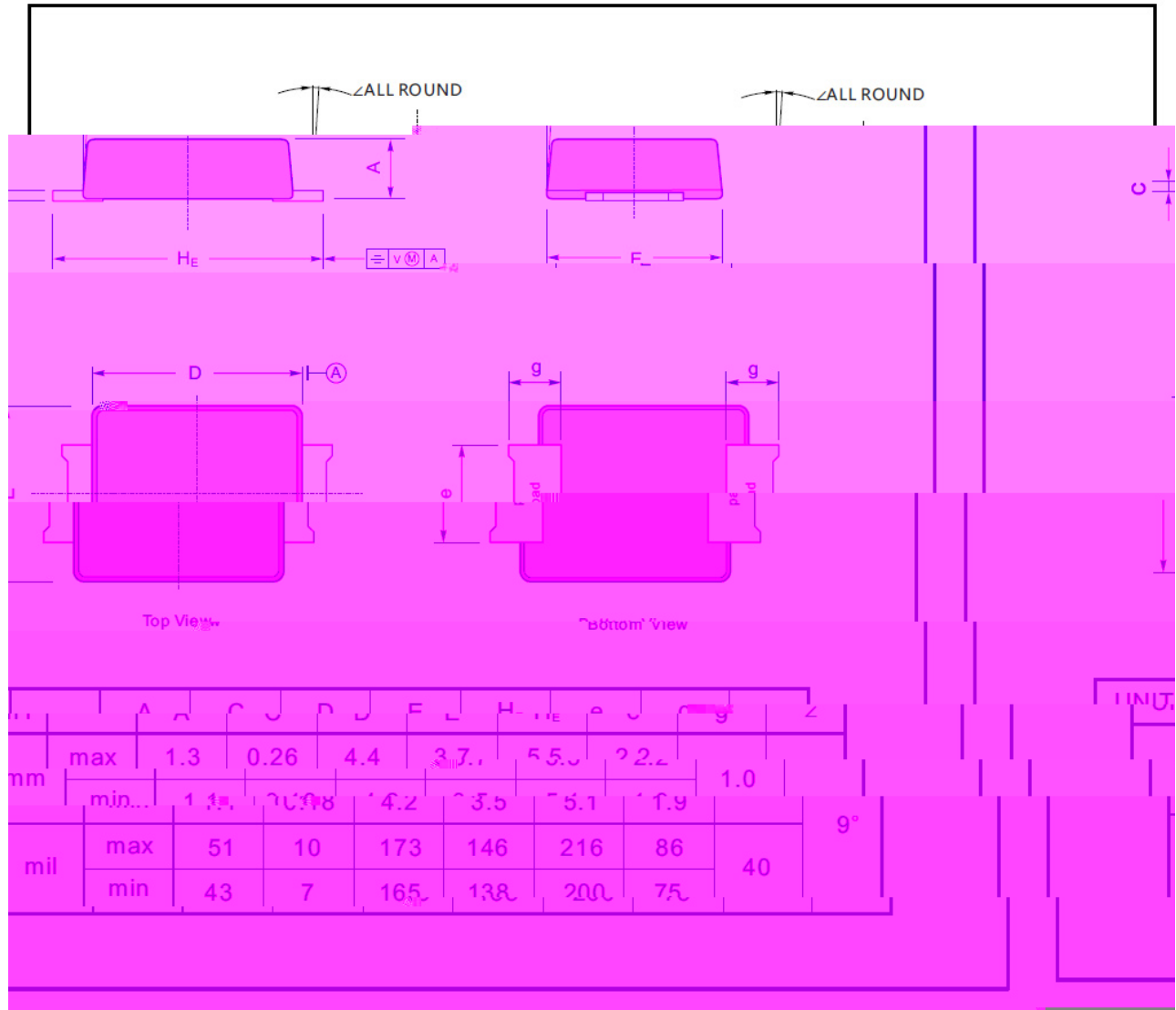
Breakdown Volt

/ Electrical Characteristic Curve

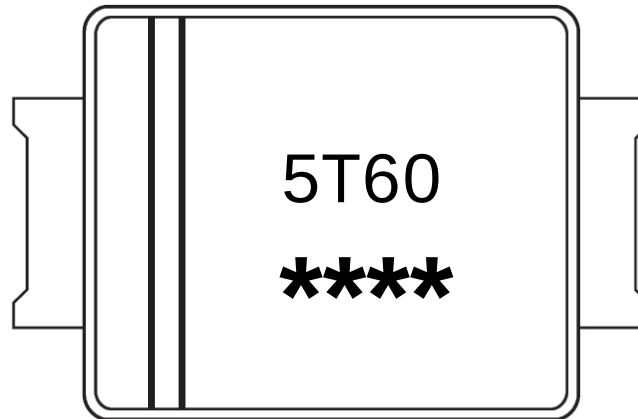


/ Package Dimensions

SMBF



/ Marking Instructions



5T60

1 *

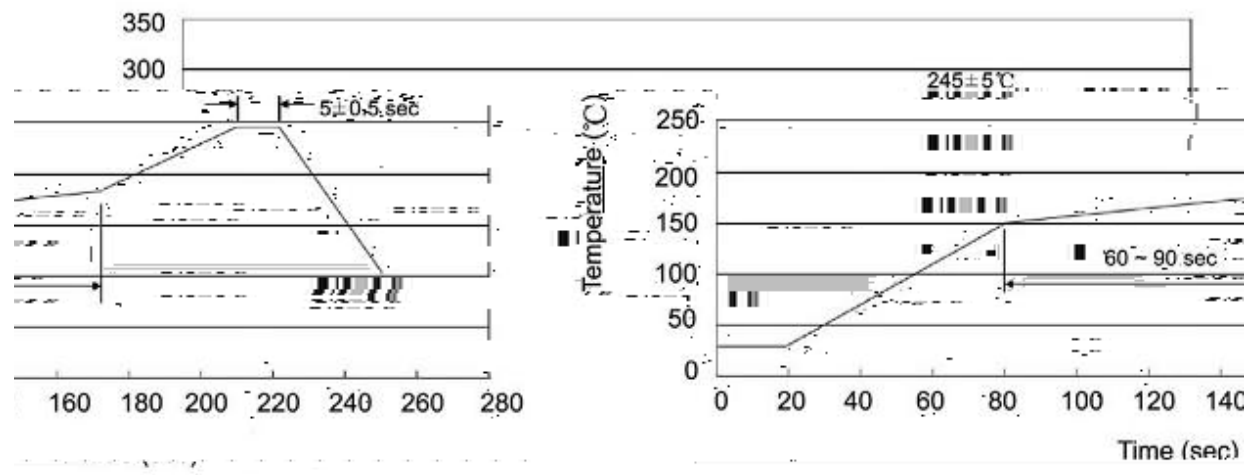
3 *

Note:

5T60 Product Type Code

**** Lot No. Code The 1st * means:YM Code The last 3 * means:little Lot No
Code

() /



Note:

- 1

150 180

60 90sec;
- 2

245±5

5±0.5sec;
- 3

2 10 /sec.
- 1.Preheating:150~180

, Time:60~90sec.
- 2.Peak Temp.:245±5

, Duration:5±0.5sec.
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)		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱	盒		箱
SMBF	5000	2	10000	5	50000	13	×15	336X332X40 380X335X366

/ Notices