

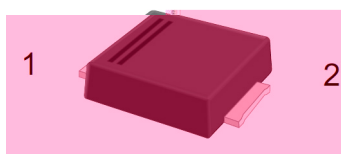
Rev.C May.-2019

60V 5.0A SMBF

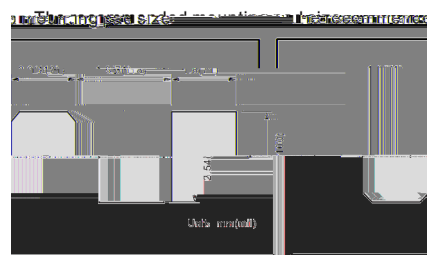
Surface Mount Schottky Barrier Rectifier, Reverse Voltage:60V,Forward Current:5.0A,SMBF thin package.

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.

General purpose.



PIN	DESCRIPTION
1	Cathode
2	Anode



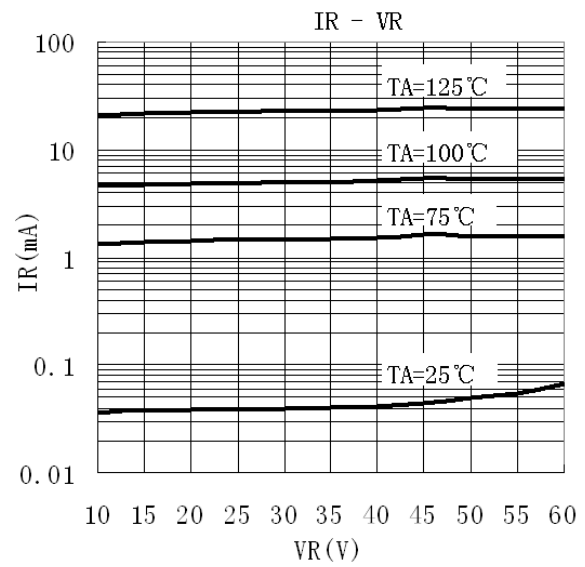
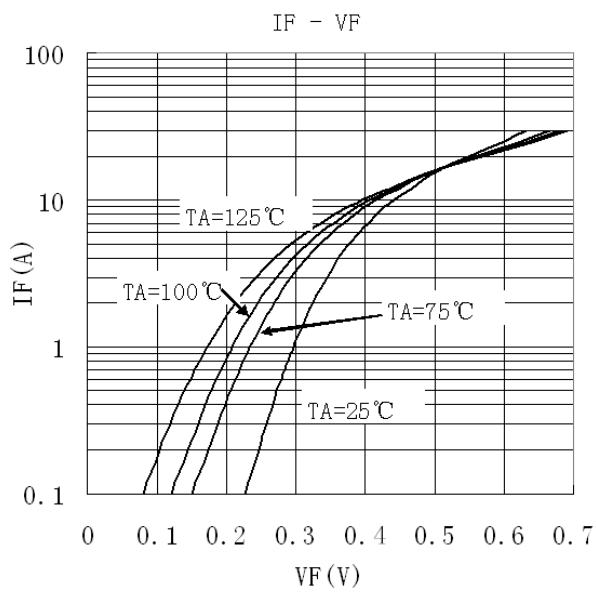
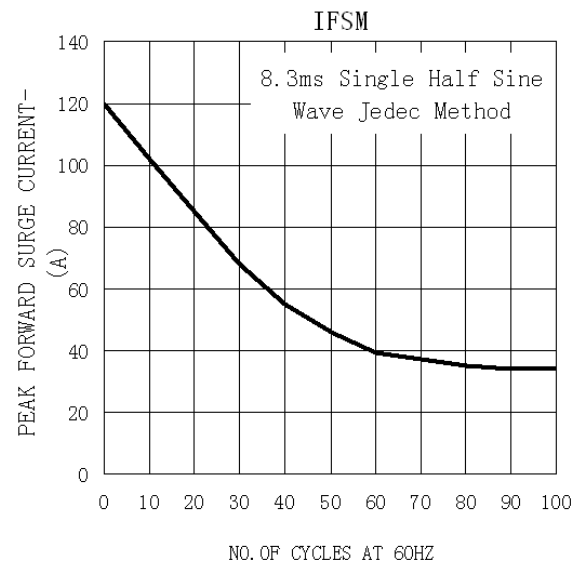
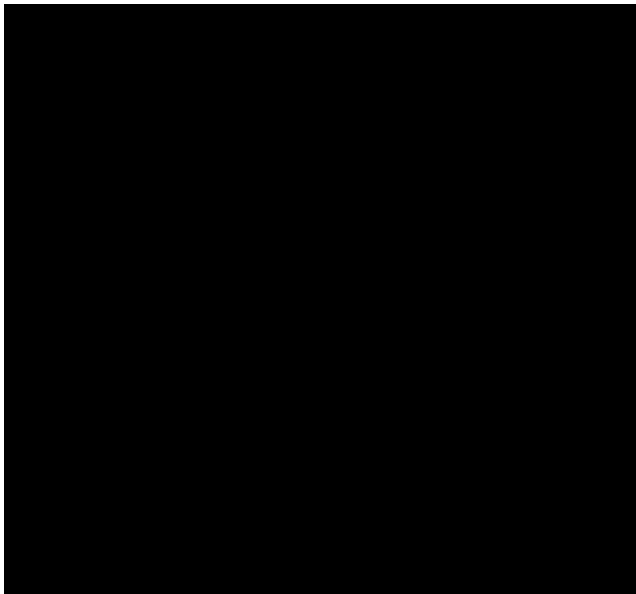
Type number	Marking code
BRLV5T60BF	5T60

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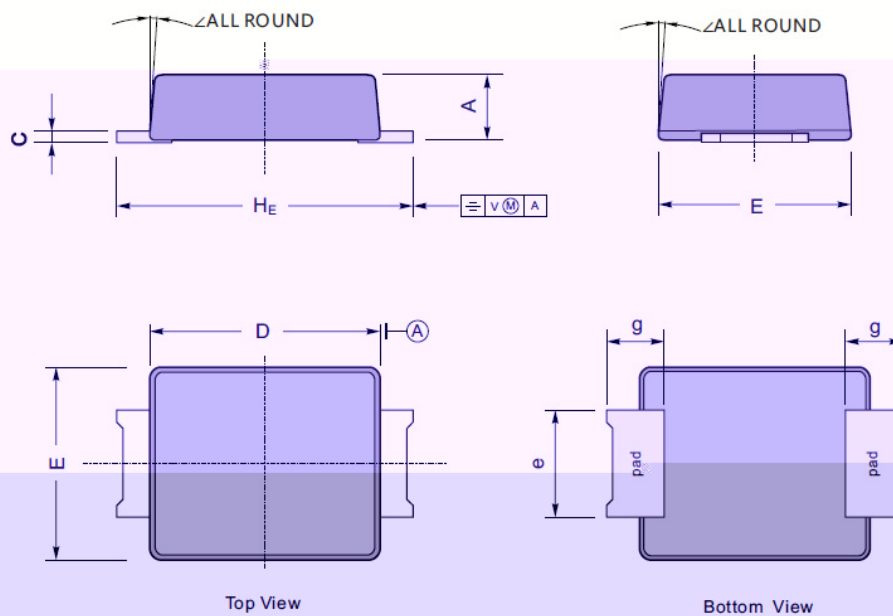
Notes:

- 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.

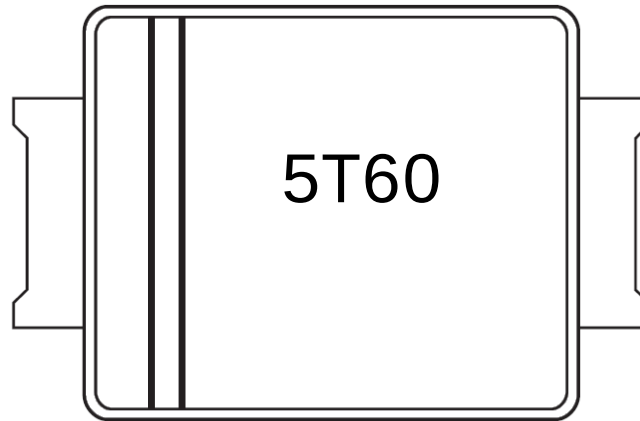
Parameter	Symbol	Test condition	Rating			Unit
			MIN.	TYP.	MAX.	



SMBF



UNIT		A	C	D	E	H _E	e	g	∠
mm	max	1.3	0.26	4.4	3.7	5.5	2.2	1.0	9°
	min	1.1	0.18	4.2	3.5	5.1	1.9		
mil	max	51	10	173	146	216	86	40	
	min	43	7	165	138	200	75		



5T60

1 *

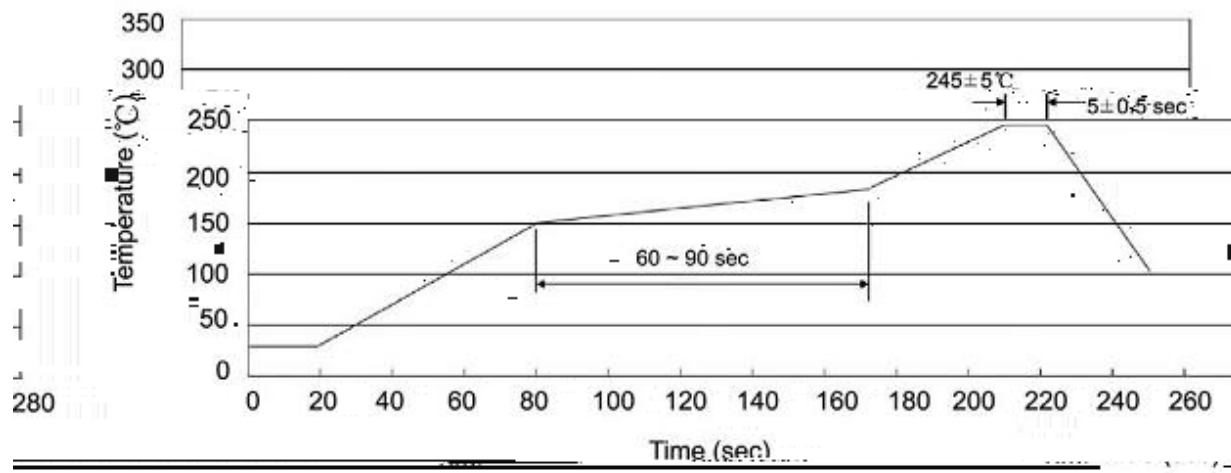
3 *

Note:

5T60 Product Type Code

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

Temperature Profile for IR Reflow Soldering(Pb-Free)



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. |

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

/ 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