



A	2018-1				
B	2019-5-11	1 4 6 7	,		
C	2022-1-4	2/3	Cj 180 600 R0JA 60 改为 45; 更新曲线图 Fig.1 Forward Current Derating Curve(90 改到 125℃)IR 25℃ 0.1 改为 1, 增加 100 IR 		



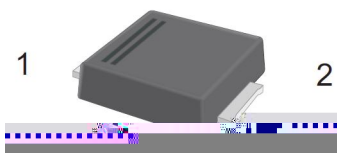
Rev.C Jan.-2022

100V 5.0A SMBF

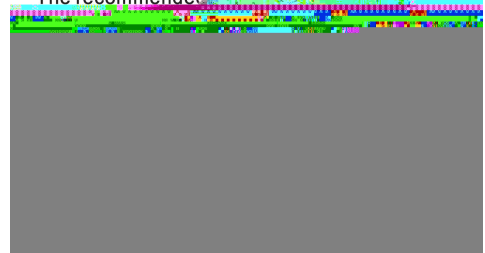
Surface Mount Schottky Barrier Rectifier, Reverse Voltage:100V,Forward Current:5.0A,SMBF thin package.

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.



The recommended mounting pad size.



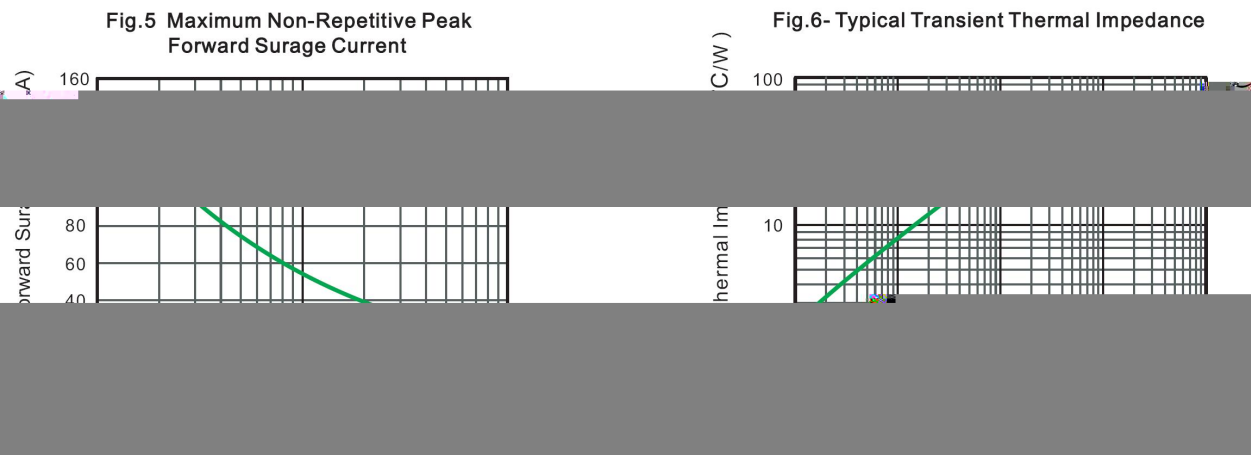
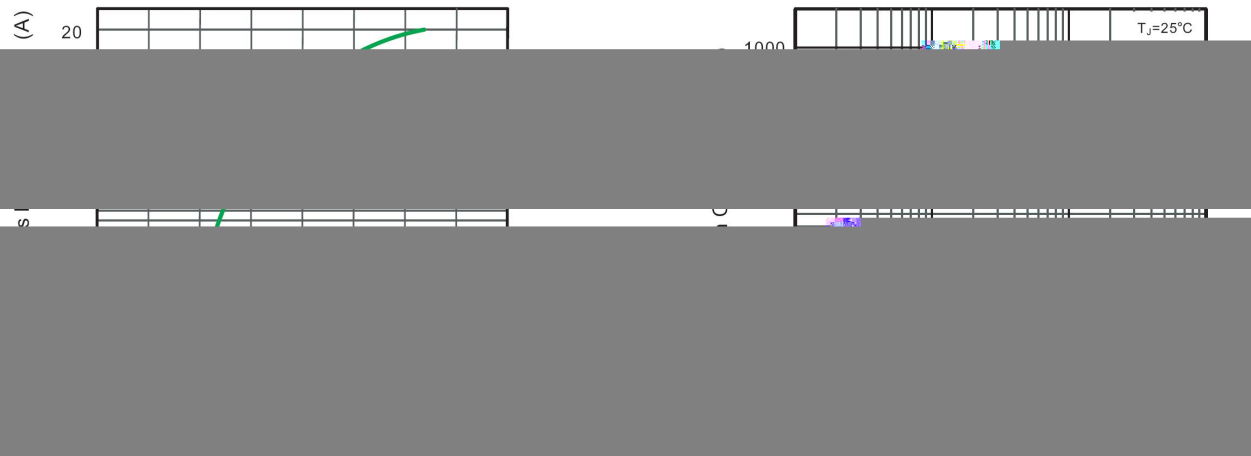
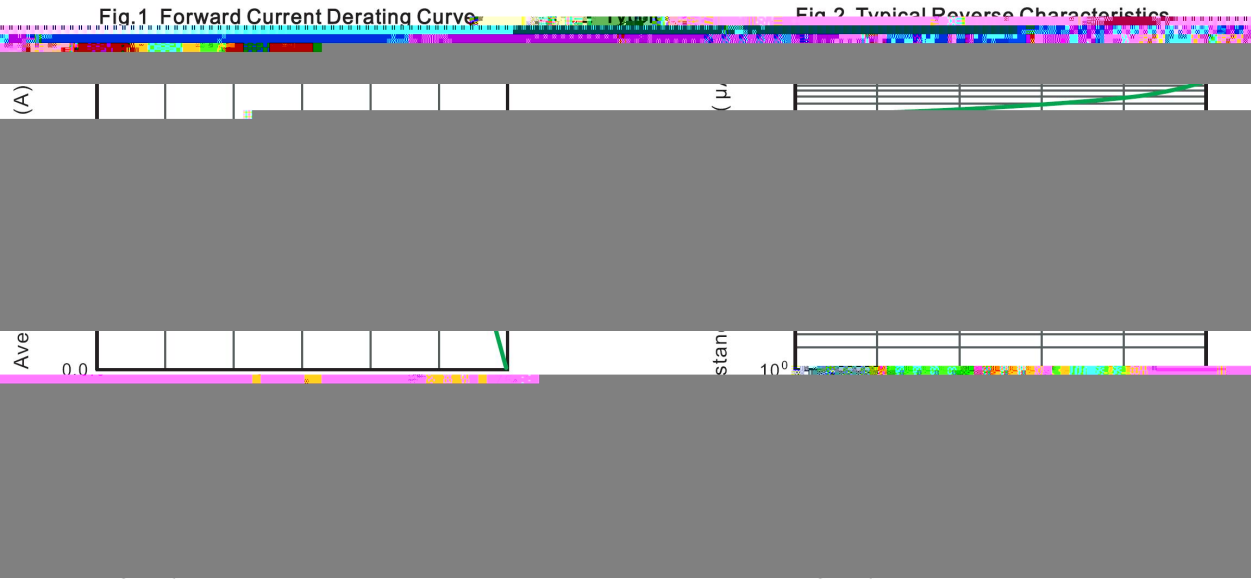
See Marking Instructions.



Note:

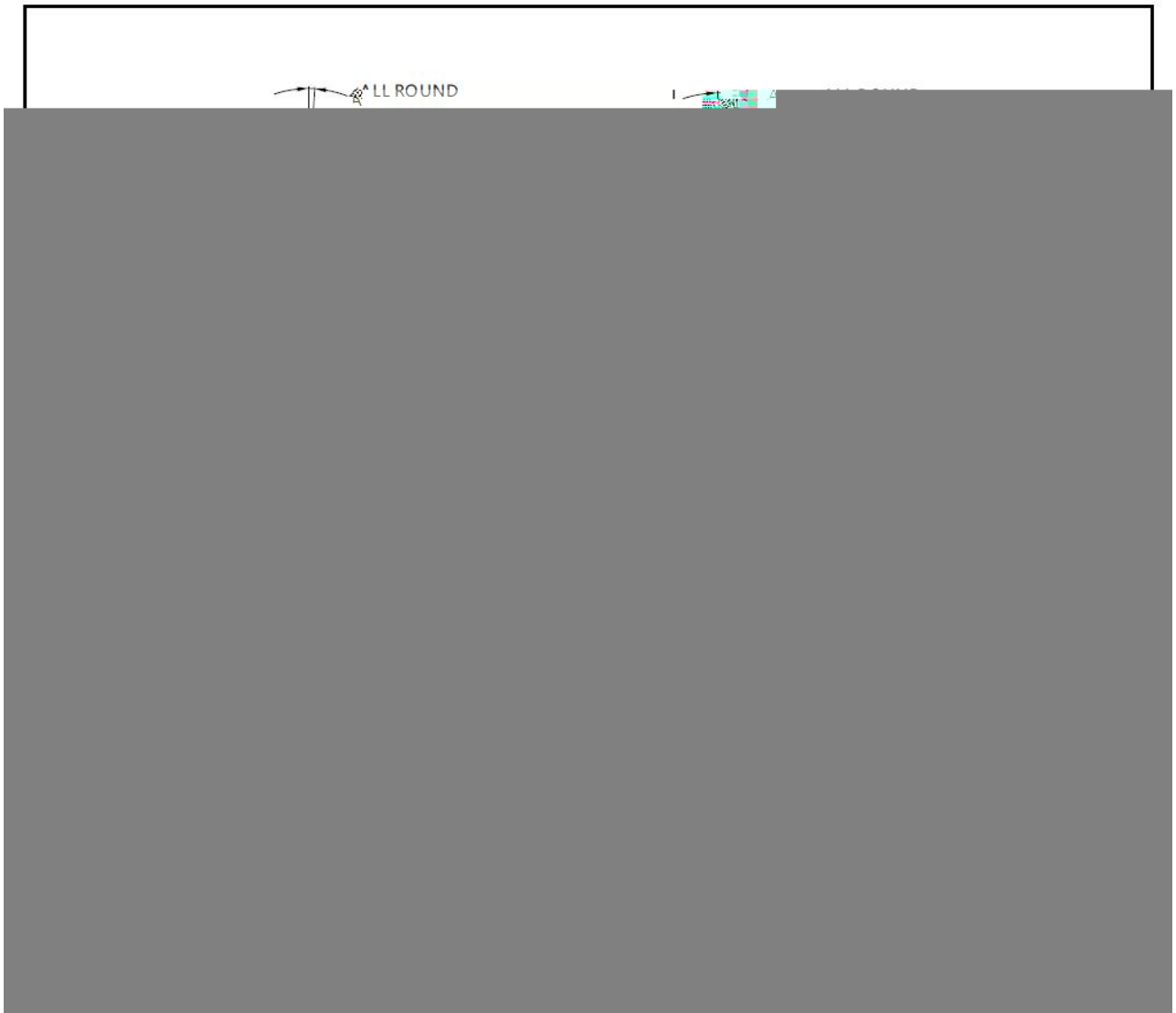
- 1) Measured at 1MHz and applied reverse voltage of 4 V D.C.
- 2) P.C.B. mounted with 2.0 X2.0" (5 X 5 cm) copper pad areas.

参数 Parameter	参数符号 Symbol	测试条件 Test condition	数值 Rating	单位 Unit
Max Instantaneous Forward Voltage	V_F	$I_F=5.0A$	0.6	V
Maximum DC Reverse Current at Rated DC Reverse Voltage	I_R	$T_a=25^{\circ}C$	1.0	mA



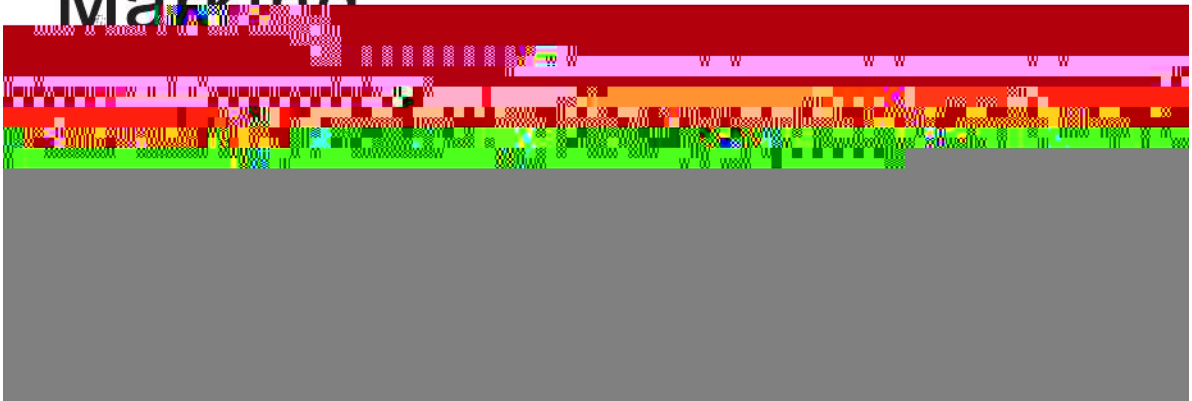


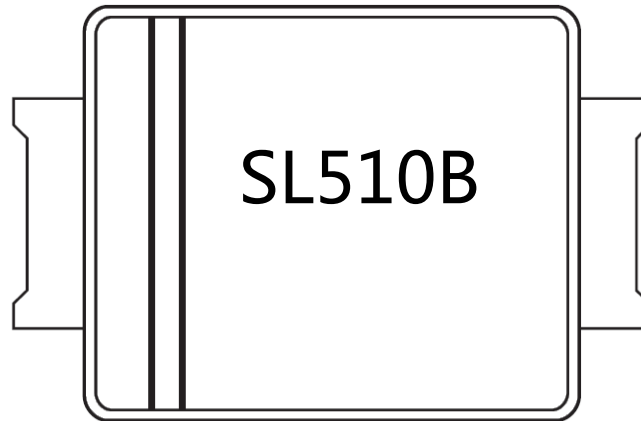
SMBF





Marking





说明：

SL510B： 为型号代码

****： 为生产批号追溯码，第 1 个*为年月代码，后面 3 个*为当月小批号代码

Note:

SL510B： Product Type Code

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



1	150	180	60	90sec;	Note:	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°C/sec.			3. Cooling Speed: 2~10°C/sec.

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

/ REEL

Package Type	Units	Dimension	(unit mm ³)
--------------	-------	-----------	-------------------------