



A			W01		

Rev.A Jun.-2021



60V 5.0A 9mSMBF.9F8 1 Tf 0 0 (SC 0 Tr 37.023 4.145 TD [

Surface Mount Schottky Barrier Rectifier, ReR P



Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	60	V
Maximum RMS voltage	V_{RMS}	42	V
Maximum DC Blocking Voltage	V_{DC}	60	V
Maximum Average Forward Rectified Current	$I_F (AV)$	5.0	A
Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I_{FSM}	150	A
Typical Junction Capacitance ¹⁾	C_j	800	pF
Typical Thermal Resistance ²⁾	$R_{\theta JA}$	40	°C/W

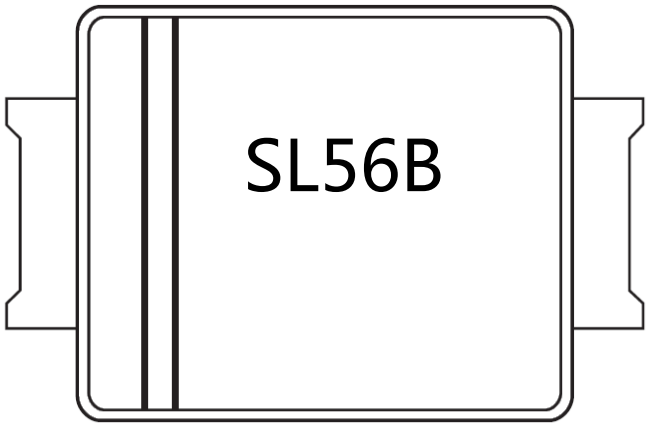
Note:

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

Parameter	Symbol	Test condition	Rating	Unit
Max Instantaneous Forward Voltage	V_F	$I_F=5.0A$	0.5	V
Maximum DC Reverse Current at Rated DC Reverse Voltage	I_R	$T_a=25^{\circ}C$	1.0	mA
		$T_a=100^{\circ}C$	50	

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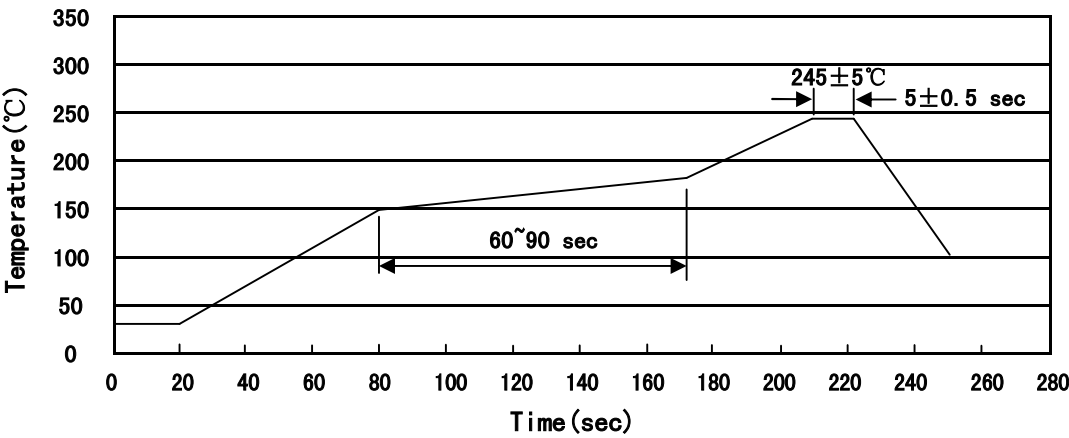
SL56B

**** 1 * 3 *

Note:

SL56B 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;

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)		
	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	Outer Box
SMBF	5000	2	10000	7	70000	13" ×12	336X336X40	380X335X366