



Rev. B Feb.-2021

800~1000V

8.0A SMC

Surface Mount General Purpose Silicon Rectifier, Reverse Voltage: 800 to 1000 V, Forward Current:8.0A ,SMC package.

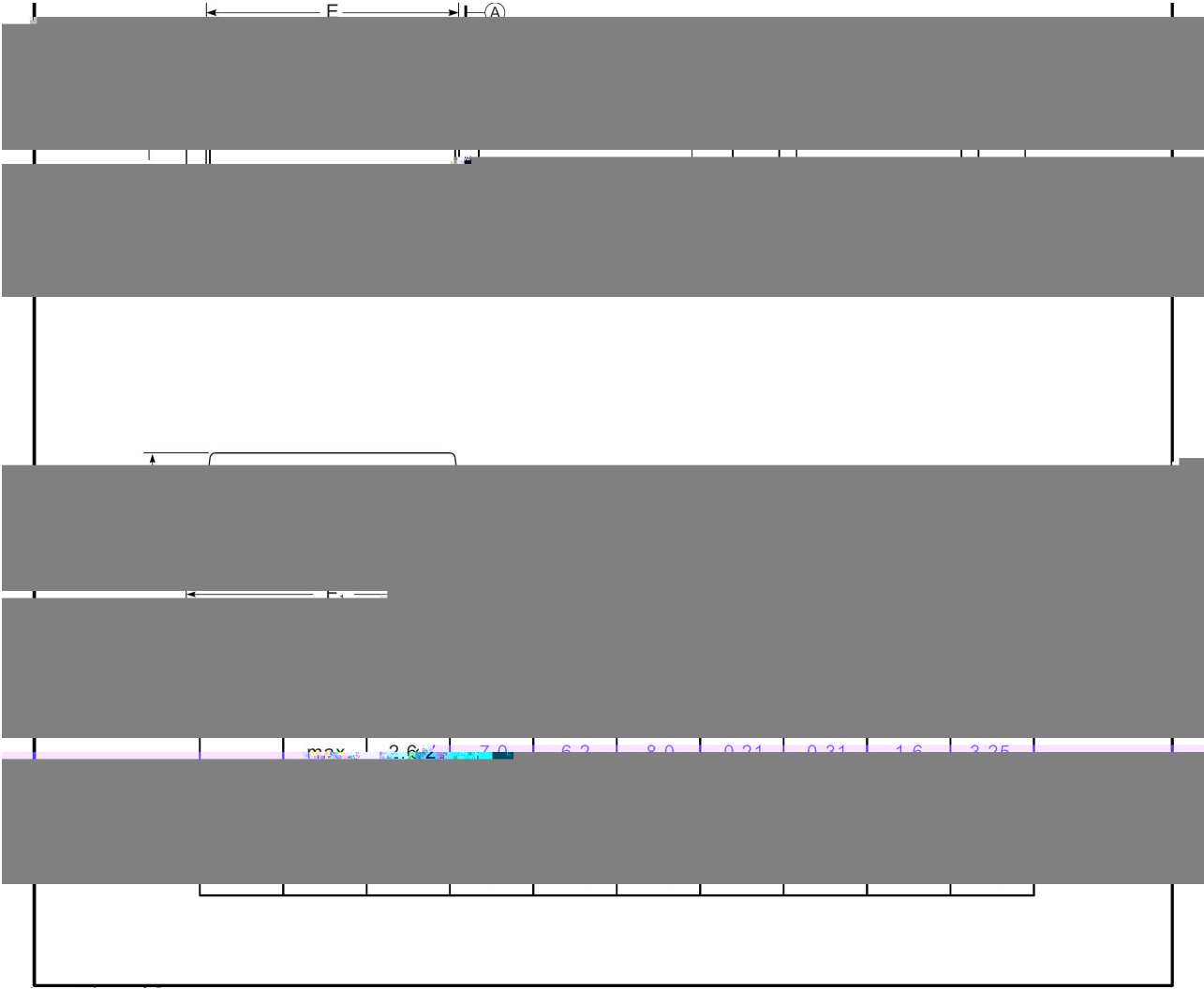
RoHS 2011/65/EU

Glass Passivated Chip Junction,Lead free in comply



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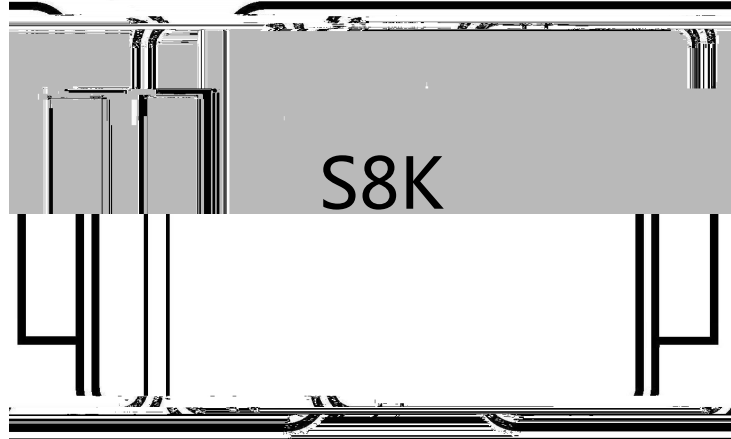
Parameter	Symbol	Rating		Unit
		S8KC	S8MC	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	800	1000	V
Maximum RMS voltage	V_{RMS}	560	700	V
Maximum DC Blocking Voltage	V_{DC}	800	1000	V
Maximum Average Forward Rectified Current	$I_{F(AV)}$	8.0		A





Marking

Type number	Marking code



S8K

1 *

3 *

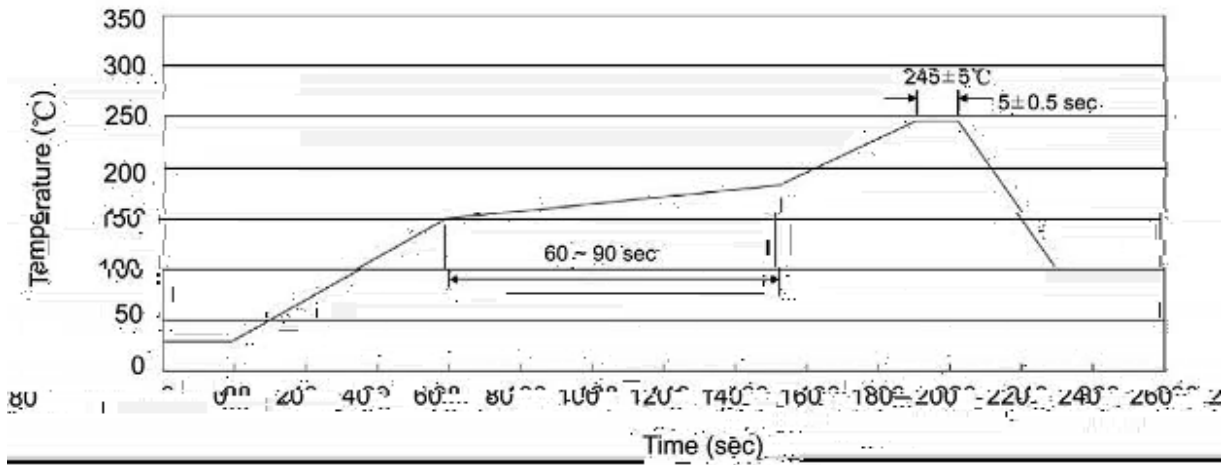
Note:

S8K 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°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)		
	只卷盘	卷盘盒	只盒	盒箱	只箱	fl	h	
SMC	3000	2	6000	6	36000	13" x16	337X337X49	380X335X366