

**S8KC~S8MC**  
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.

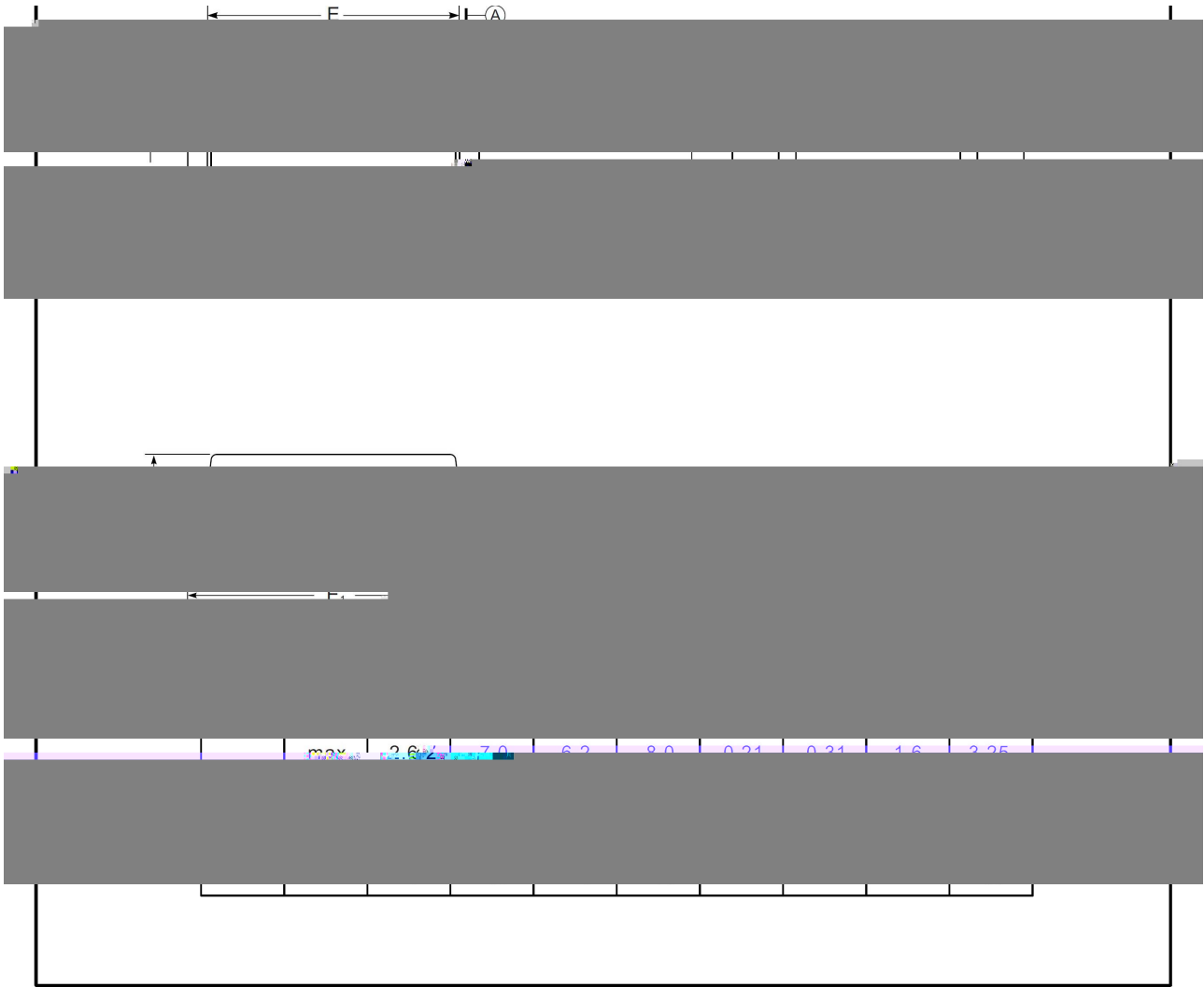
RoHS 2011/65/EU

Glass Passivated Chip Junction,Lead free in comply

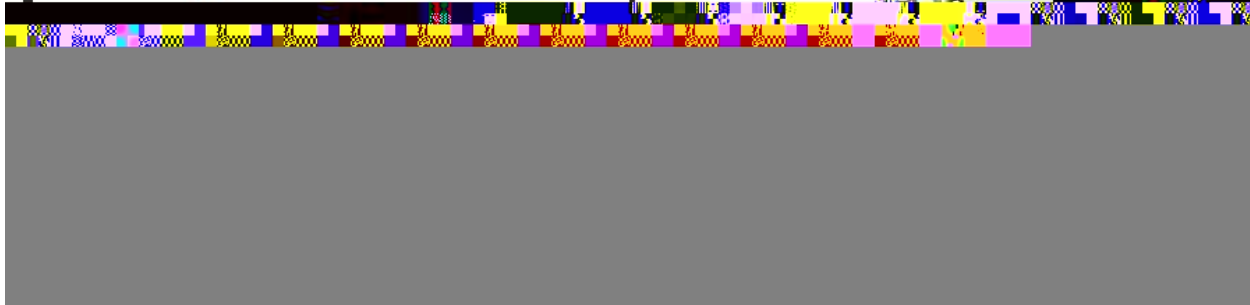
Parameter	Symbol	Rating		Unit
		S8KC	S8MC	
Maximum Repetitive Peak Reverse Voltage	$V_{RRM}$	800	1000	V
Maximum RMS voltage	$V_{RMS}$	560	700	V
Maximum DC Blocking Voltage	$V_{DC}$	800	1000	V
Maximum Average Forward Rectified Current	$I_{F(AV)}$	8.0		A



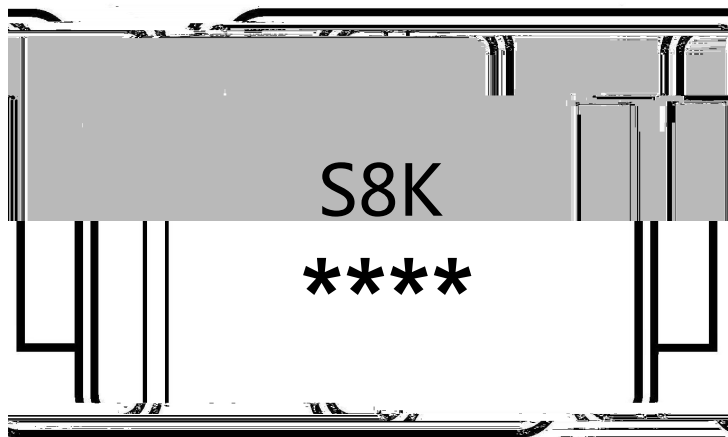
/ Package Dimensions



# Marking

Type number	Marking code
	

/ Marking Instructions



S8K

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1 \*

3 \*

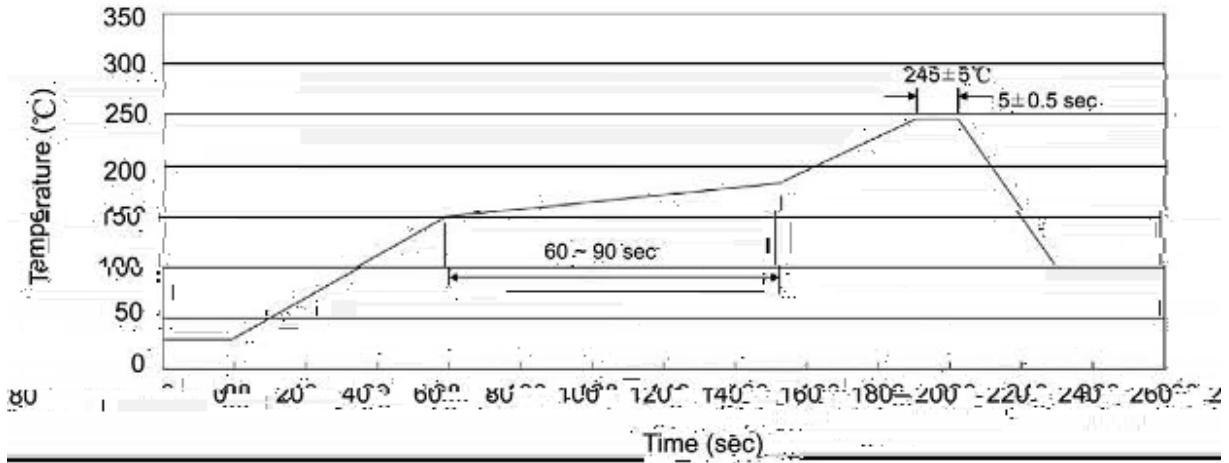
Note:

S8K Product Type Code

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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.            |

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit: mm <sup>3</sup> )		
	只卷盘	卷盘盒	只盒	盒箱	只箱	fl	吋	吋
SMC	3000	2	6000	6	36000	13" x16	337X337X49	380X335X366

/ Notices