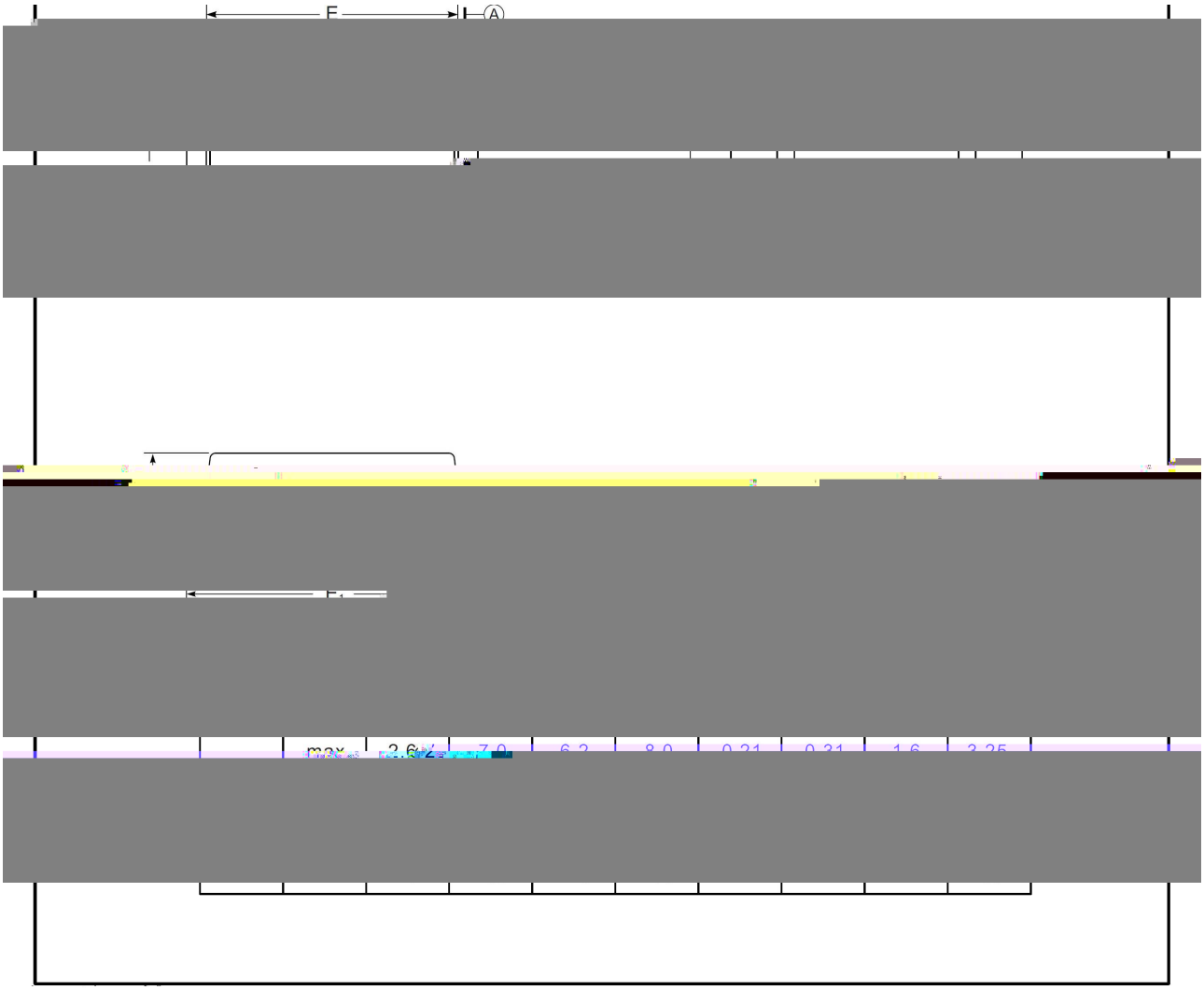
800~1000V 8.0A SMC

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

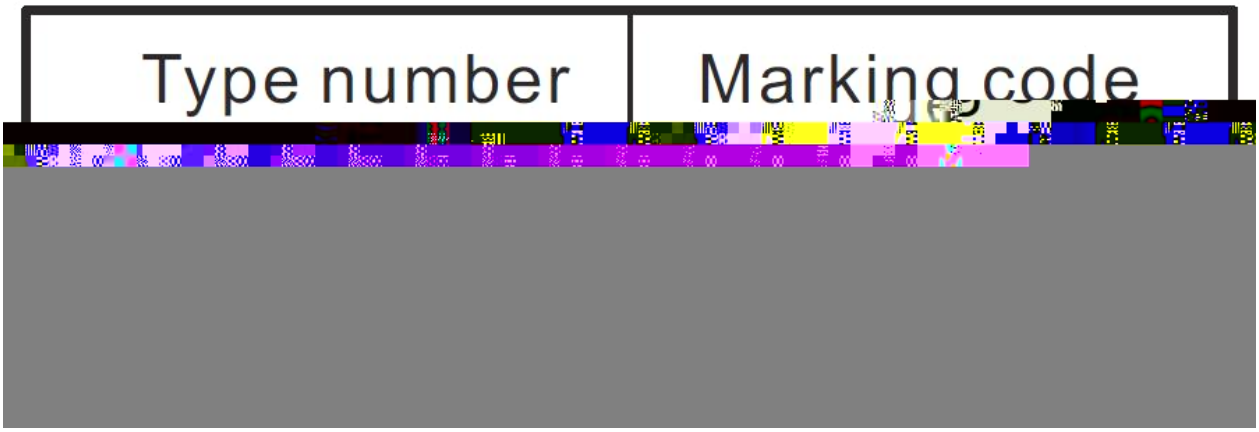
RoHS 2011/65/EU

Glass Passivated Chip Junction,Lead free in comply

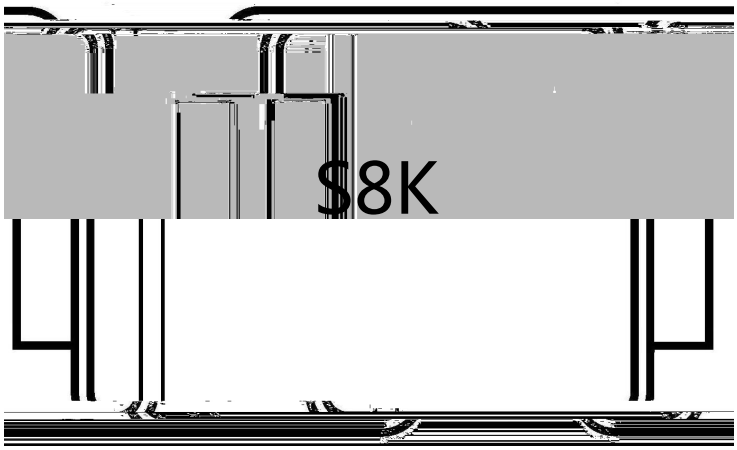
| Parameter | Symbol | Rating | | Unit |
|---|---|---|---|---|
| | | S8KC | S8MC | |
| Maximum Repetitive Peak Reverse Voltage | $V_{RRM}$ | 800 | 1000 | V |
| Maximum RMS voltage | $V_{RMS}$ | 560 | 700 | V |
| Maximum DC Blocking Voltage | $V_{DC}$ | 800 | 1000 | V |
| Maximum Average Forward Rectified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


F
A
max

# Marking



| Type number | Marking code |
| --- | --- |




S8K

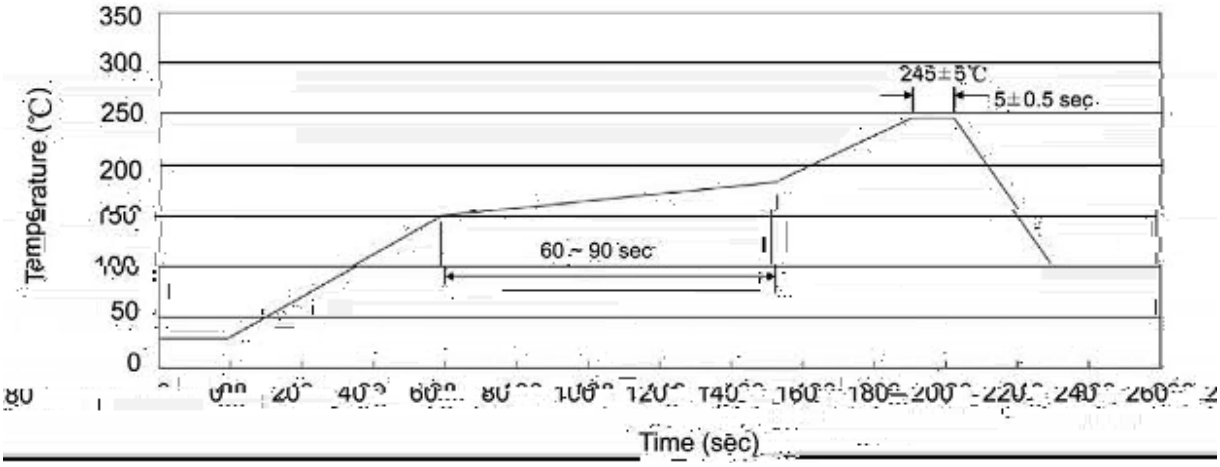
**** 1 * 3 *

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℃, 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 ! | Units " # $ | | | | | Dimension " % & (unit ' mm$^3$) | | |
|---|---|---|---|---|---|---|---|---|
| | 只卷盘 | 卷盘盒 | 只盒 | 盒箱 | 只箱 | | ( | ) |
| SMC | 3000 | 2 | 6000 | 6 | 36000 | 13″×16 | 337X337X49 | 380X335X366 |