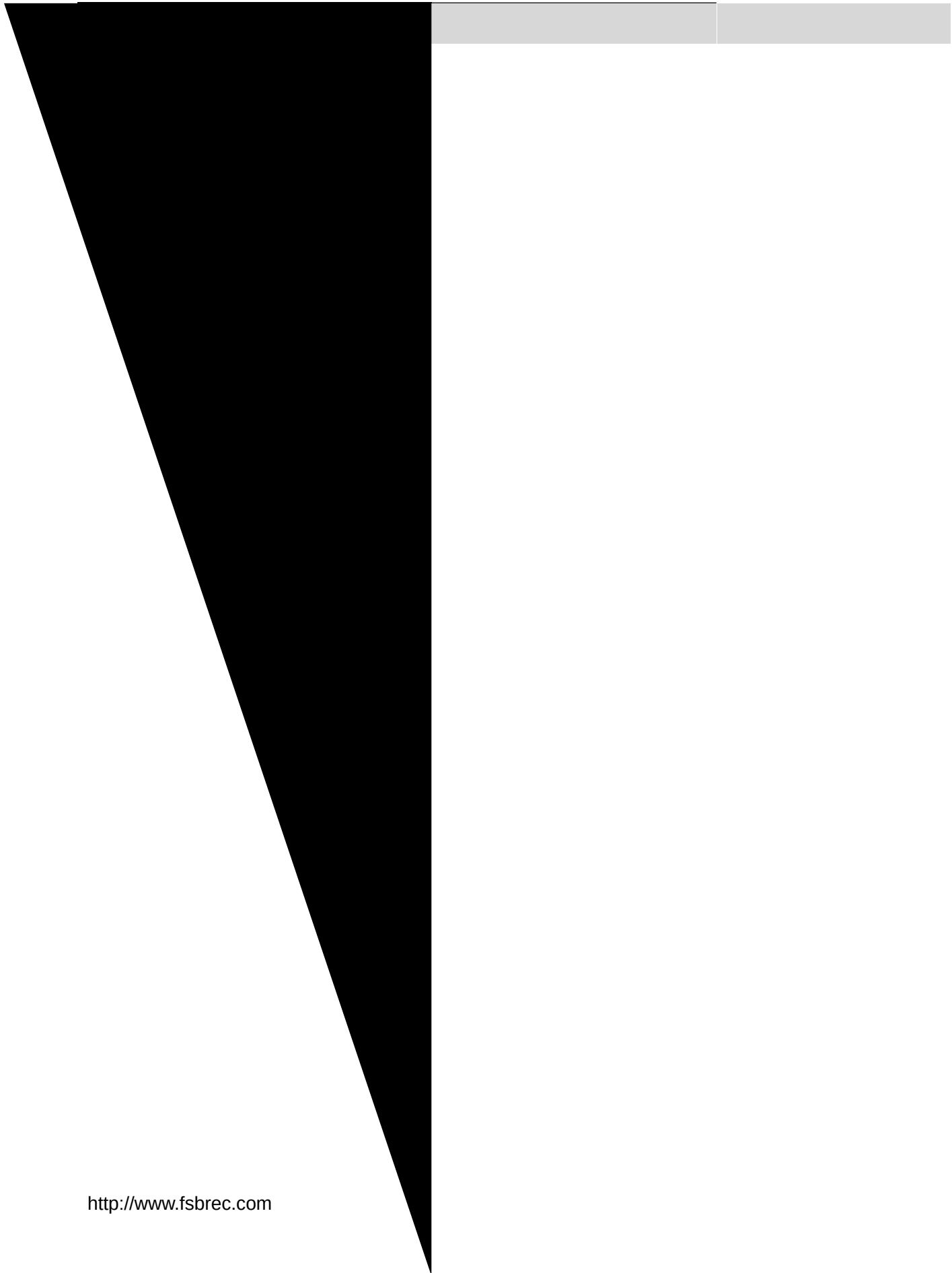




800~1000V

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

t

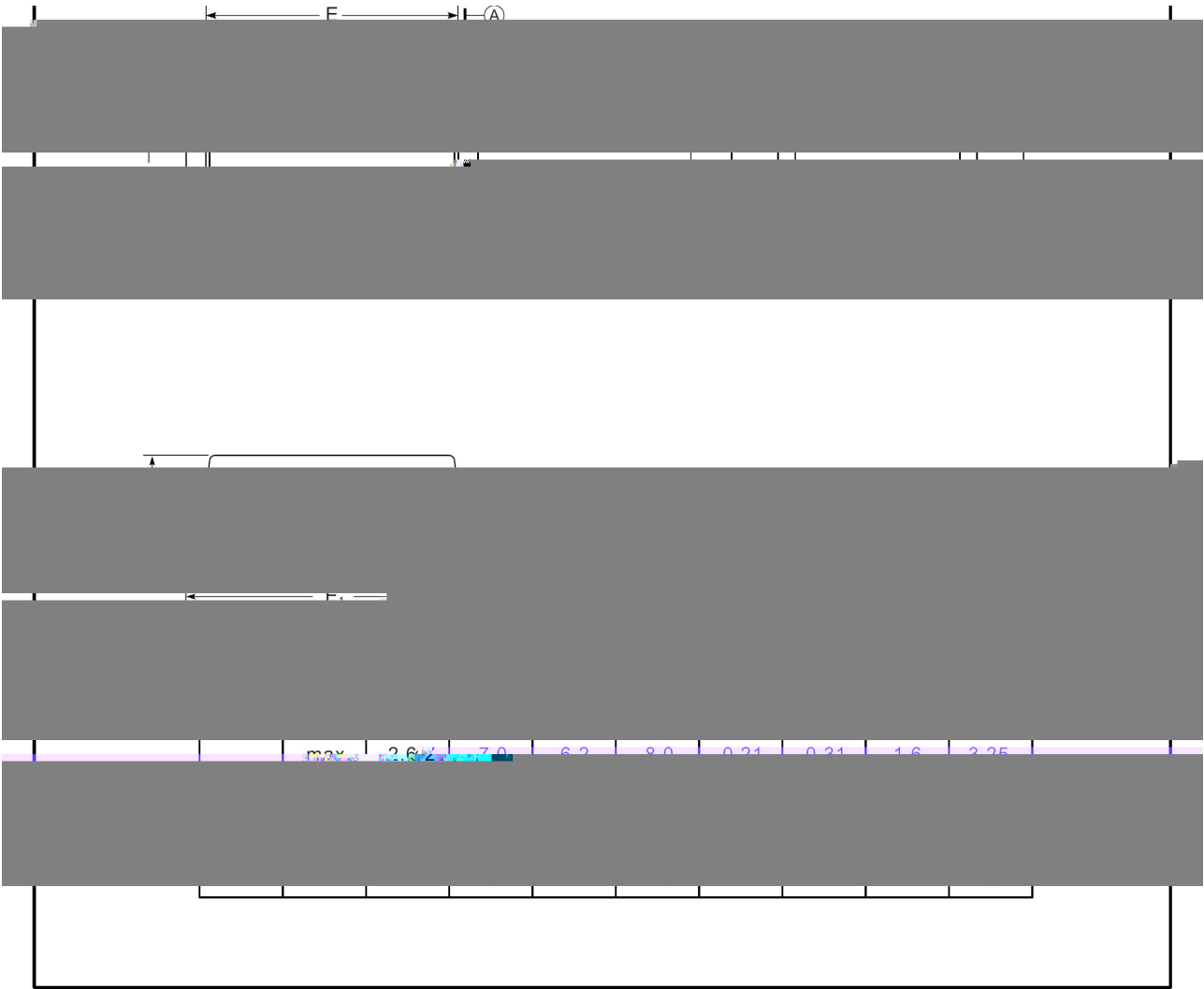
ev

e

| 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

\*\*\*\*

1 \*

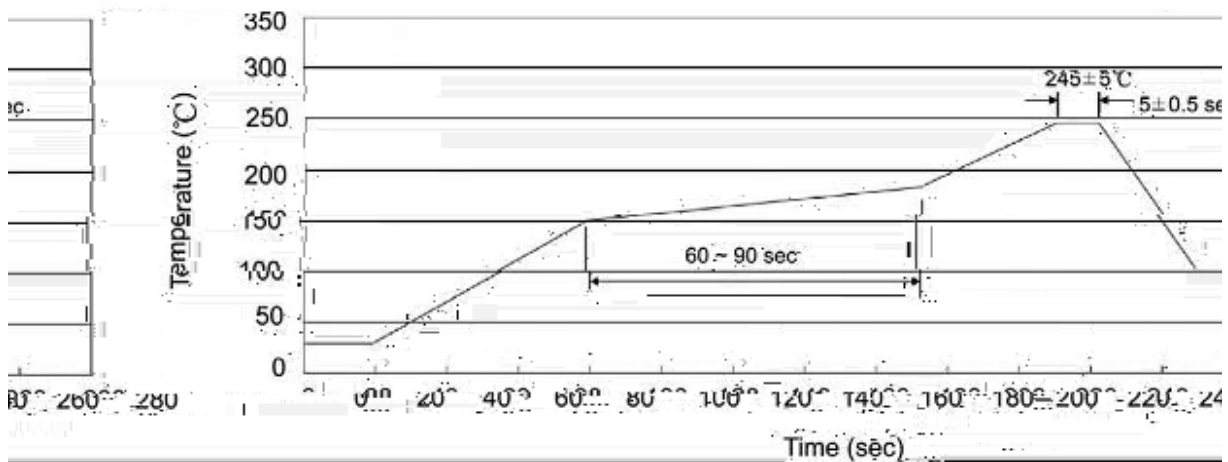
3 \*

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.            |

**/ 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   |                                           | (          | )           |
| SMC          | 3000         | 2    | 6000 | 6   | 36000 | 13" ×16                                   | 337X337X49 | 380X335X366 |

**/ Notices**