

& ' / Descriptions

0V 1000V 1.0A MA

Surface Mount General Purpose Silicon Rectifiers, Reverse Voltage 50 to1000V,Forward Current:1.0A ,SMA package.

() / Features

H 2011/ /EU

Glass Passivated Chip Junction, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. HF product.

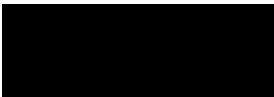
* + / Applications

General purpose.

, - . / 0 1 / Equivalent Circuit



2 3 4 5 / Pinning



PIN	DESCRIPTION
1	

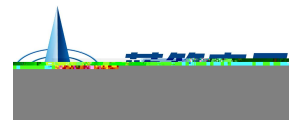
The recommended soldering conditions



" # \$ % / Marking

See Marking Instructions.

Parameter	Symbol	Rating						Unit
		S1A	S1B	S1D	S1G	S1J	S1K	S1M



0 8 9 = > ? / Electrical Characteristic Curve

Fig.1 Forward Characteristic

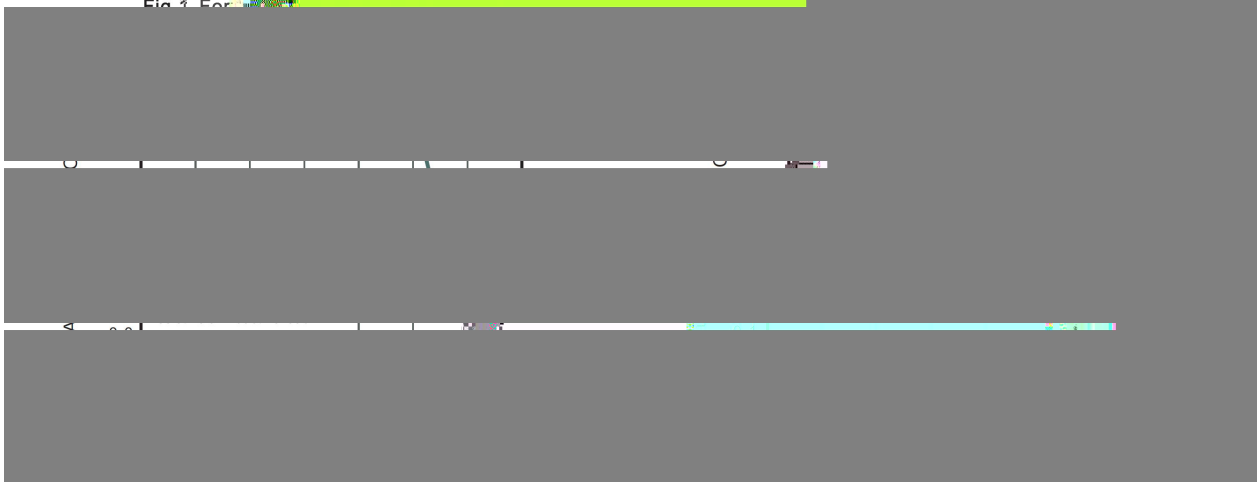


Fig.3 Typical Forward Characteristic

Fig.4 Typical Junction Capacitance

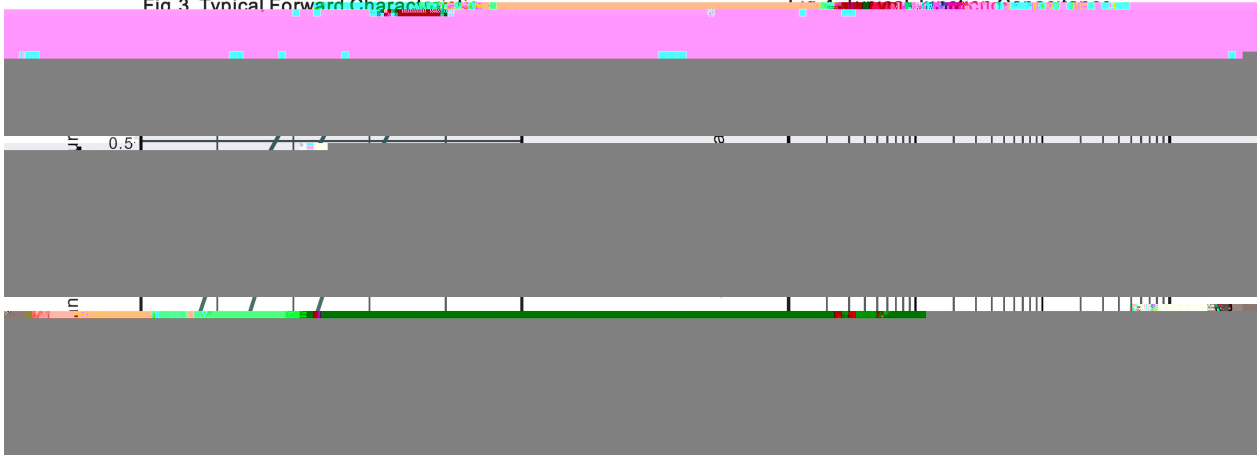
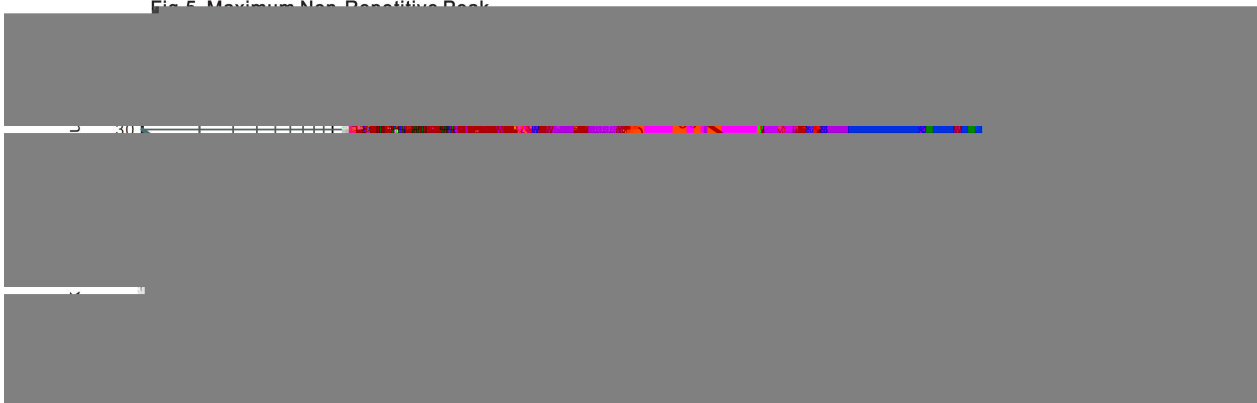
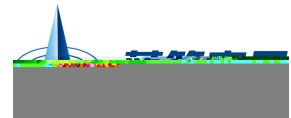
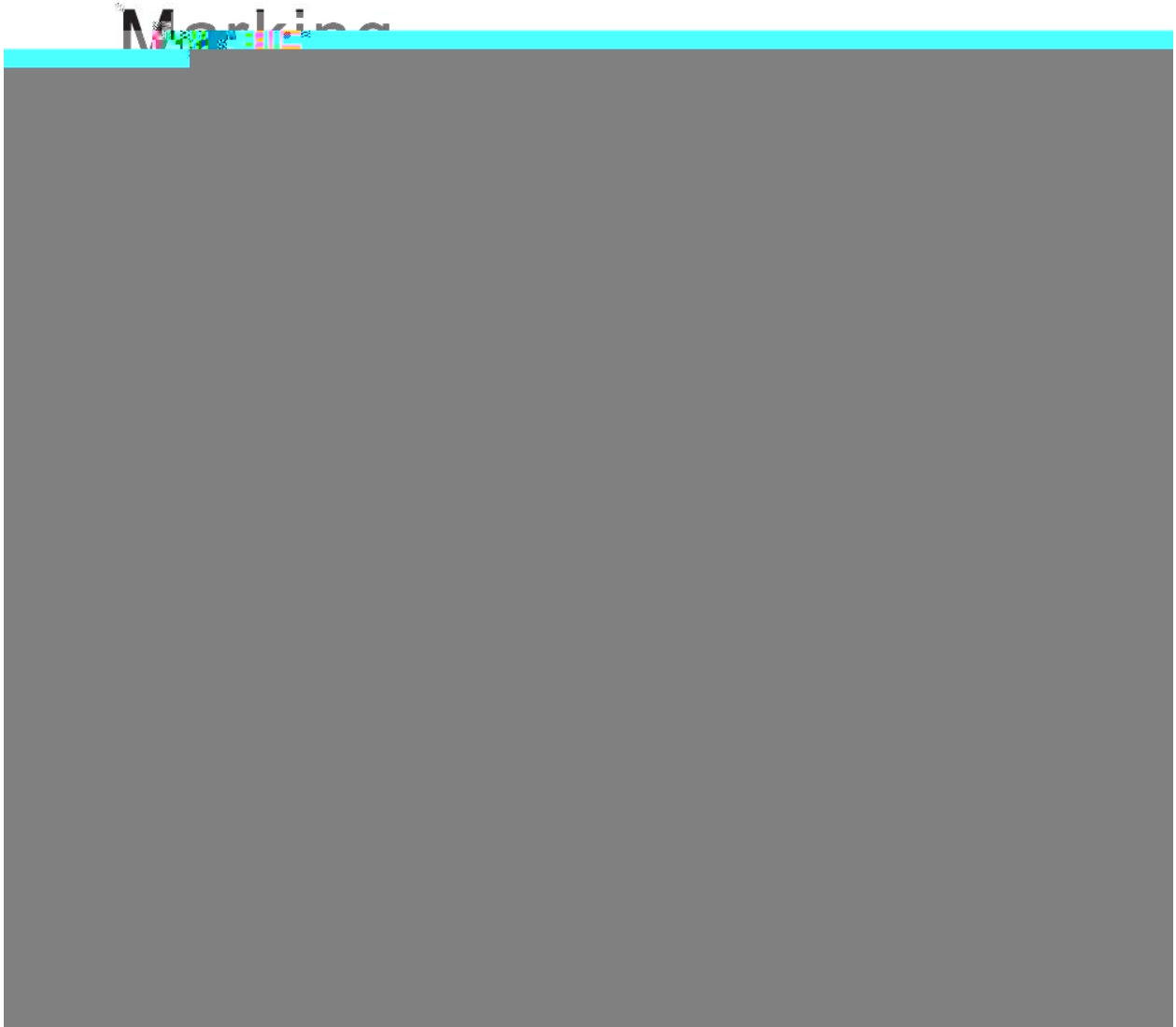


Fig.5 Maximum Non-Repetitive Peak

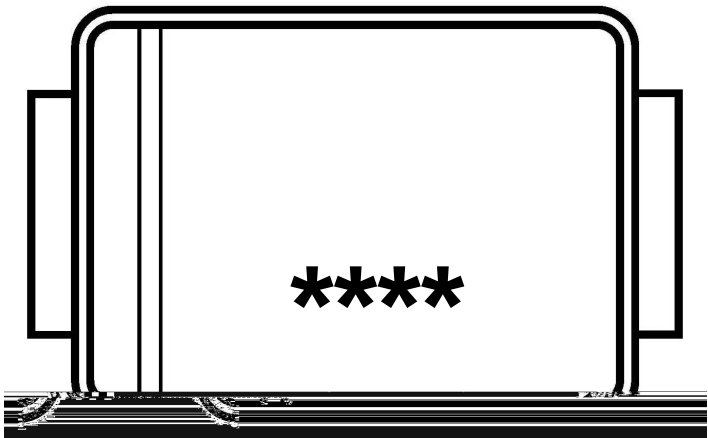




" # D E / Marking Instructions



" # D E / Marking Instructions



S1A

1 F 3 F

Note:
S1A Product Type Code
**** Lot No. Code The 1st F means:YM Code The last 3 F means:little Lot No Code

H I J K L = > ? (M N) / O P Q R P S T U V S P G W S X Y Z [P G Y X S G \] G] P Y [X ^ G _ X [` P S Z a b c W d e f S P P g

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. |