

& ' / 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.

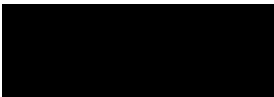
* + / Applications

General purpose.

, - . / 0 1 / Equivalent Circuit



2 3 4 5 / Pinning



PIN	DESCRIPTION
1	

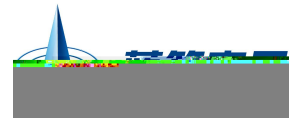
The recommended soldering conditions



" # \$ % / 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

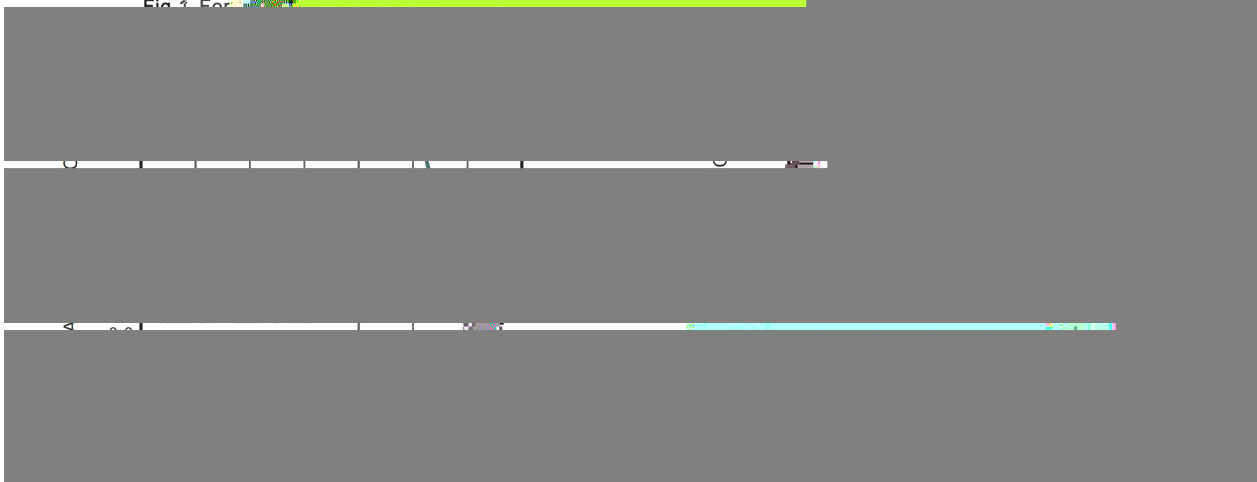


Fig. 3 Typical Forward Characteristic

Fig. 4 Typical Junction Capacitance

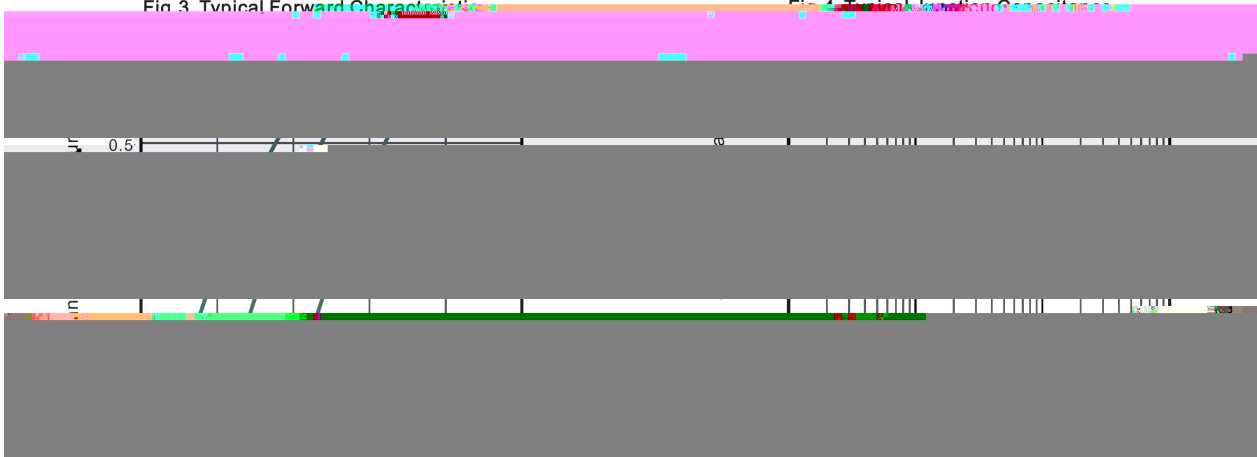
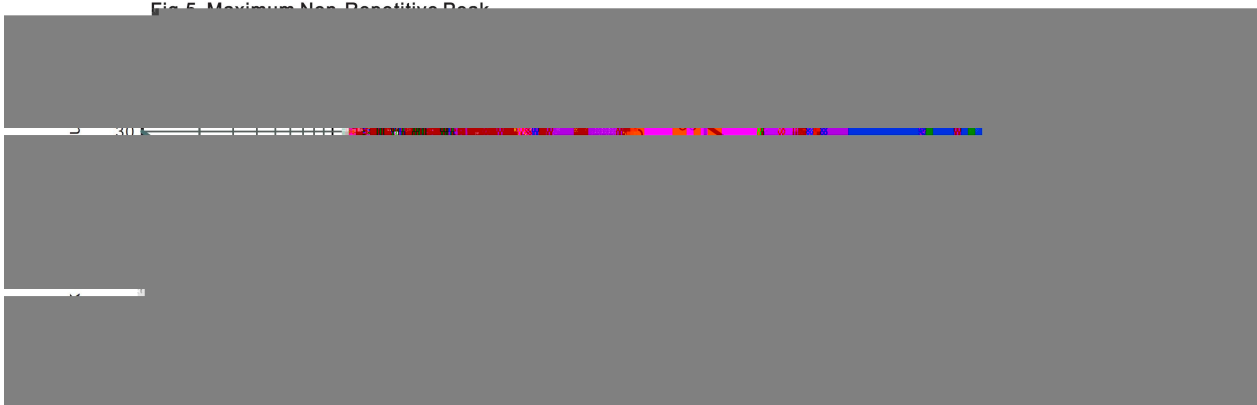
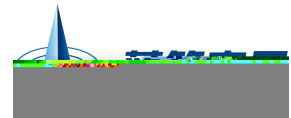


Fig. 5 Maximum Non-Repetitive Peak



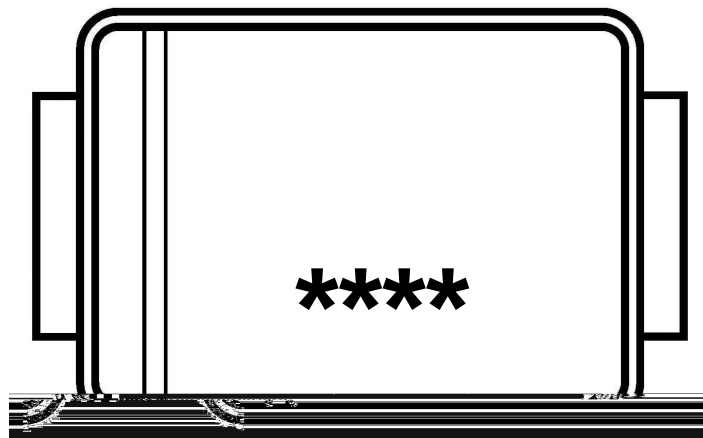


" # D E / Marking Instructions

Marking



" # 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;
- 2 245±5 5±0.5sec;
- 3 2 10°C/sec.

- 1.Preheating:150~180°C, Time:60~90sec.
- 2.Peak Temp.:245±5°C, Duration:5±0.5sec.
3. Cooling Speed: 2~10°C/sec.