



/ Descriptions

50V~600V 2.0A SMA

Surface Mount Superfast Recovery Rectifier,Reverse Voltage:50 to600V,Forward Current:2.0A, SMA package.

/ Features

RoHS 2011/65/EU

Glass Passivated Chip Junction, Superfast reverse recovery time, Lead free in comply with EU R0HS 2011/65/EU directives, For surface mounted applications.Halogen free product.

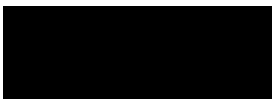
/ Applications

General purpose.

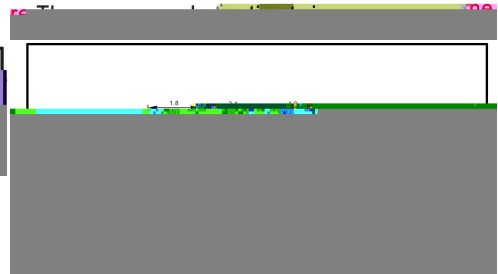
/ Equivalent Circuit



/ Pinning

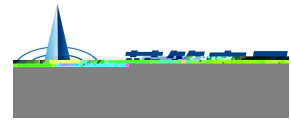


PIN	DESCRIPTION
1	Cathode



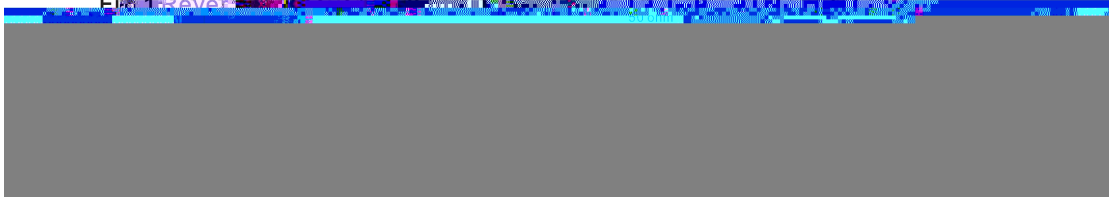
/ Marking

See Marking Instructions



/ Electrical Characteristic Curve

Fig.1: Reverse Recovery Time of the Output Circuit Diode



2. Rise Time = 10ns, max.
Slew Rate = 100V/ns

3. Settling Time = 10ns, max.
Slew Rate = 100V/ns

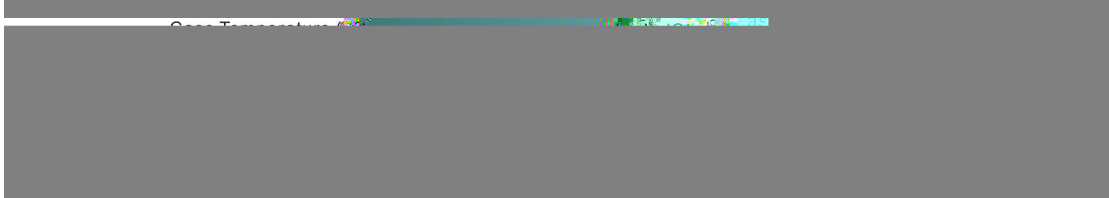
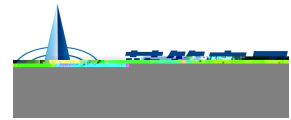


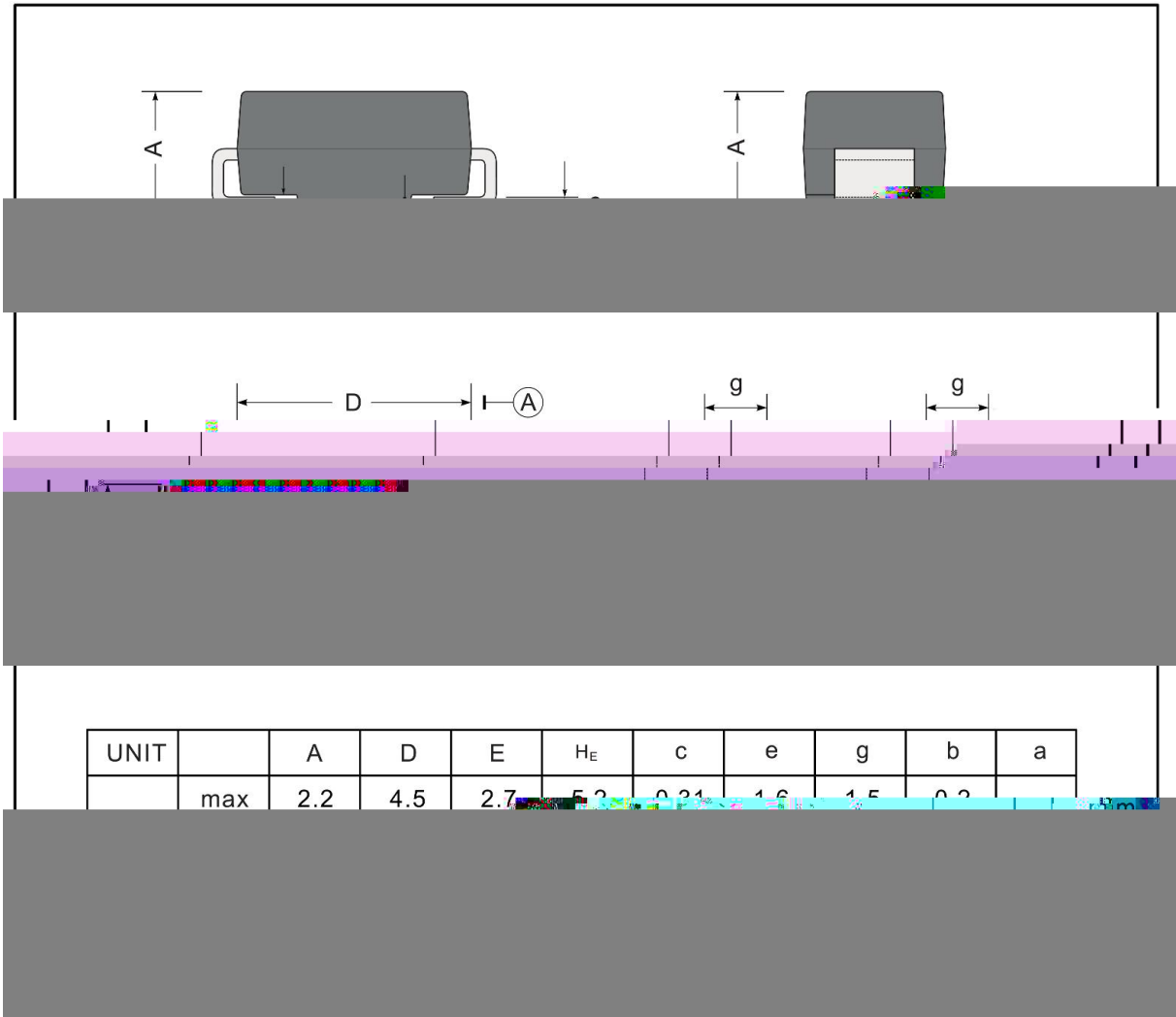
Fig.6: Maximum Non-Repetitive Peak

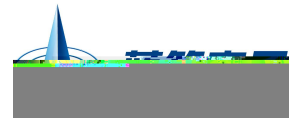




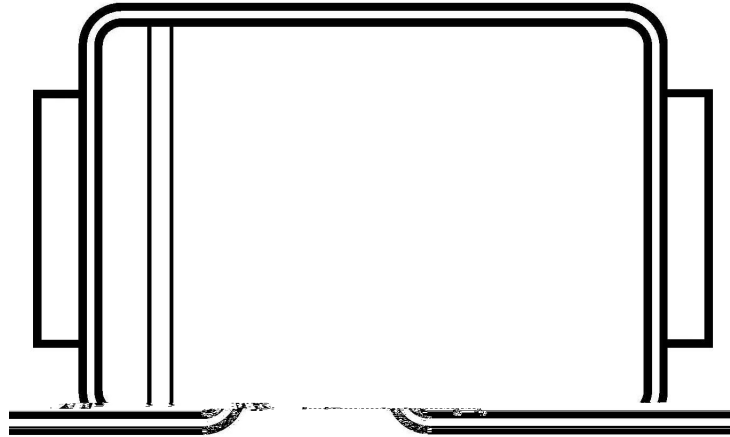
/ Package Dimensions

SMA





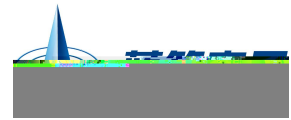
/ Marking Instructions



ES2A

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3



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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. |

/ Resistance to Soldering Heat Test Conditions

260±5 10