

/ Revised record

A	2019-12-19	all	SMA-E-ES2A_ES2J-2A600V		
B	2021-6-7	4/7	b 5 50000 7 70000 340X340X40、350X350X230 336X336X40、380X335X366		

/ 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.

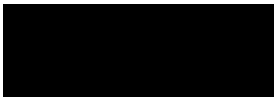
/ Applications

General purpose.

/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	

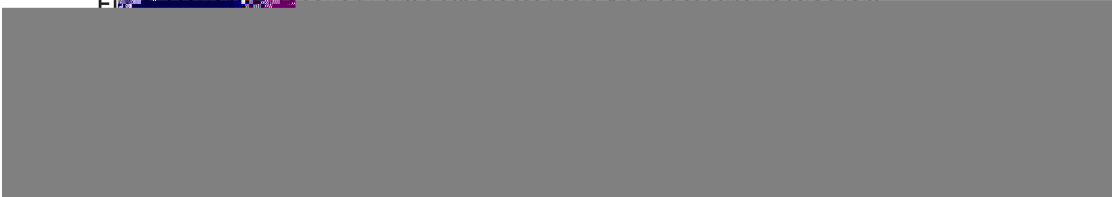


/ Marking

See Marking Instructions

/ Electrical Characteristic Curve

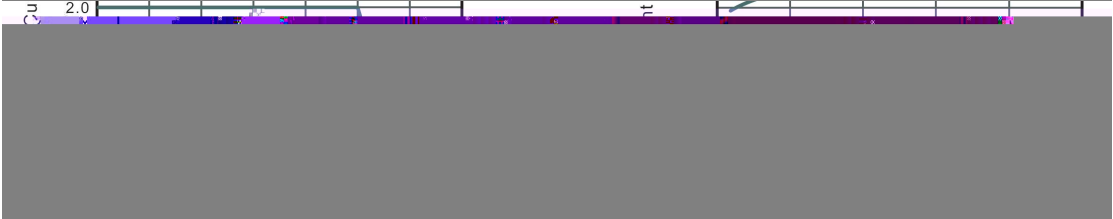
Fig.4 Power Dissipation vs. Case Temperature (TA=25°C)



2. Rise Time =10ns, max.

Source

Output Pulse for 10ns/div



Case Temperature

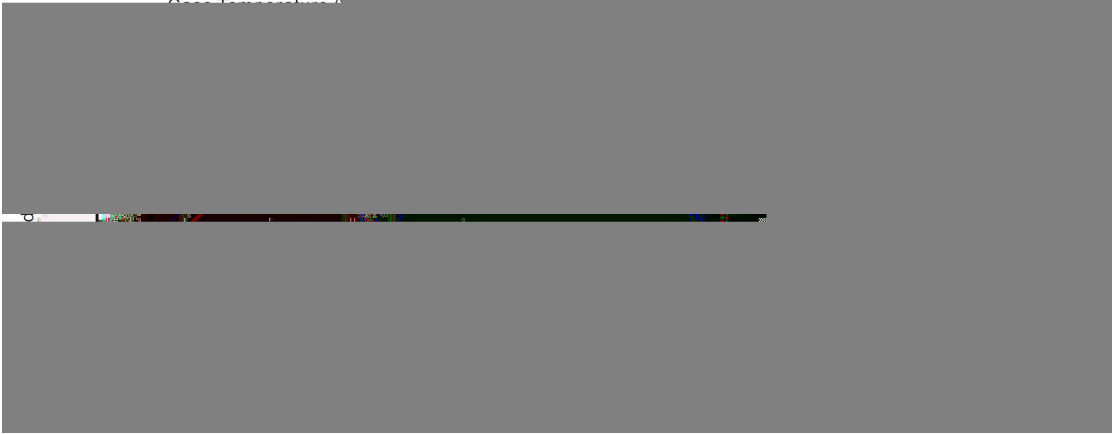
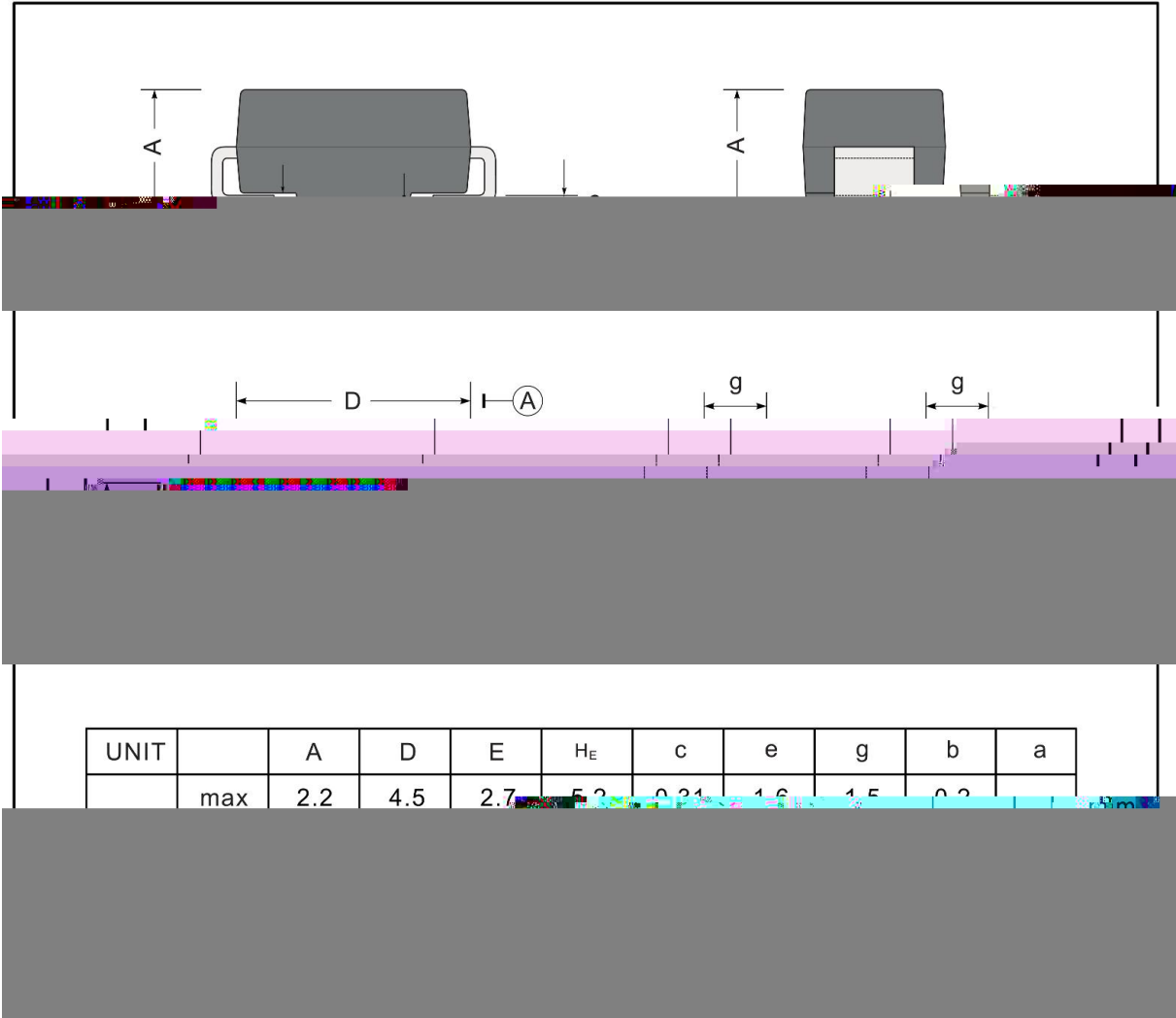


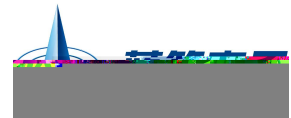
Fig.6 Maximum Non-Dissipating Peak



/ Package Dimensions

SMA

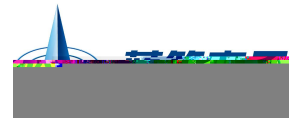




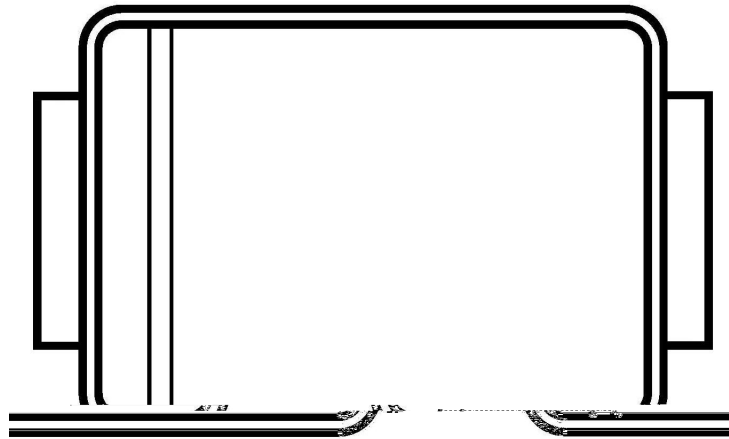
/ Marking Instructions

Marking

ES2B	ES2B
ES2D	ES2D
ES2F	ES2F
ES2G	ES2G



/ Marking Instructions



ES2A

1

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