

! / 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 to 600V, 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 RoHS 2011/65/EU directives, For surface mounted applications. Halogen free product.

* + / Applications

General purpose.

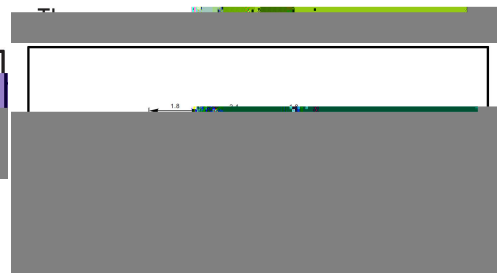
, - . / 0 1 / Equivalent Circuit



2 3 4 5 / Pinning



PIN	DESCRIPTION
1	Cathode

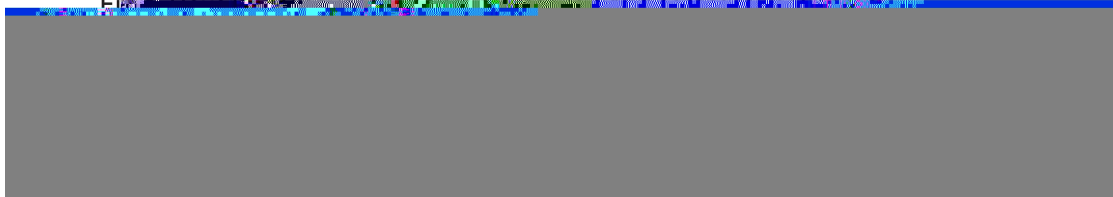


" # \$ % / Marking

See Marking Instructions

0 8 9 = > ? / Electrical Characteristic Curve

Fig.4 Power Dissipation vs. Ambient Temperature



2. Rise Time = 10ns, max.

Source: <http://www.fsbrec.com> Will Call Time Base for 10ns/div

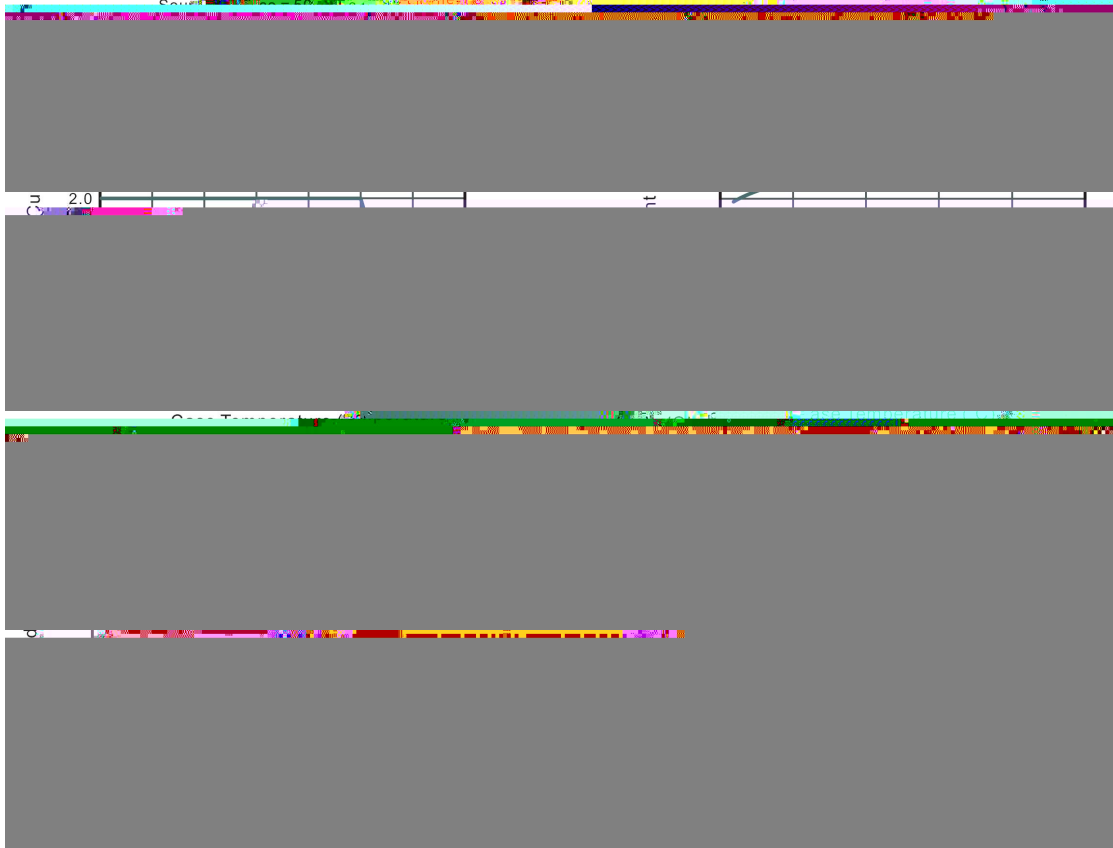
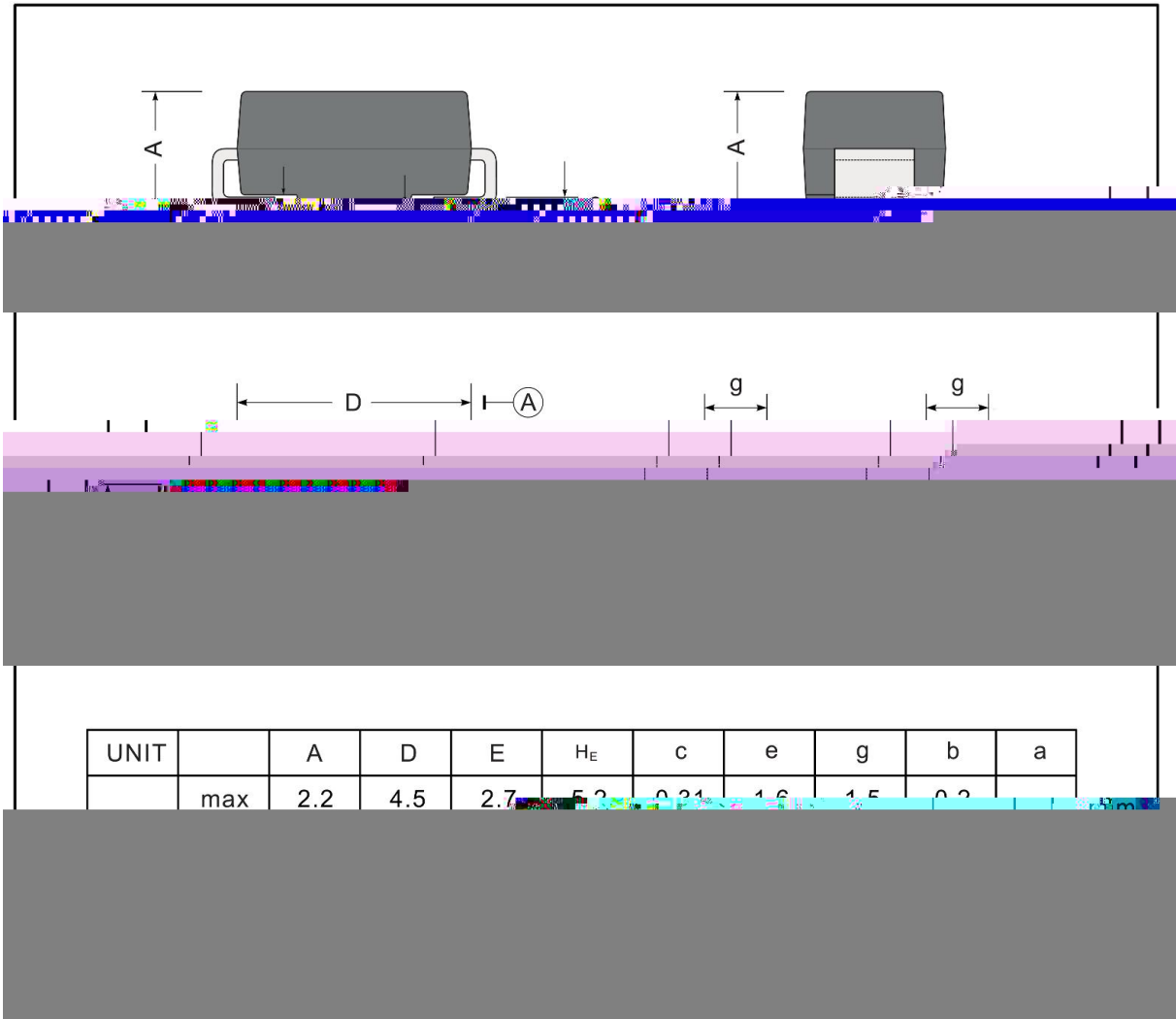


Fig.6 Maximum Non-Dissipating Peak



@ A B C ? / Package Dimensions

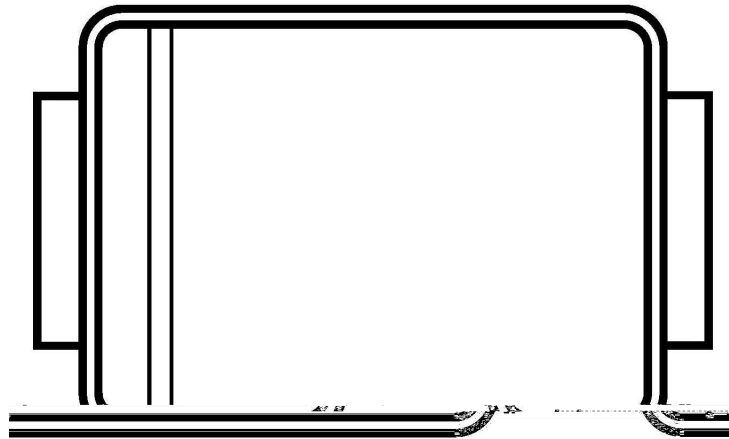
SMA



[illegible]



" # D E / Marking Instructions



ES2A

1 F

3 F



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 , 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. |

h J i j k l m n / Resistance to Soldering Heat Test Conditions

260±5 10