

/ Descriptions

50V~1000V

2.0A

SMAF

Surface Mount Fast Recovery Rectifiers, Reverse Voltage 50 to1000V,Forward Current:2.0A ,SMAF thin package.

/ Features

RoHS

2011/65/EU

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

/ Applications

General purpose.

/ Equivalent Circuit

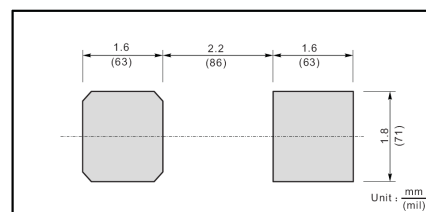


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size

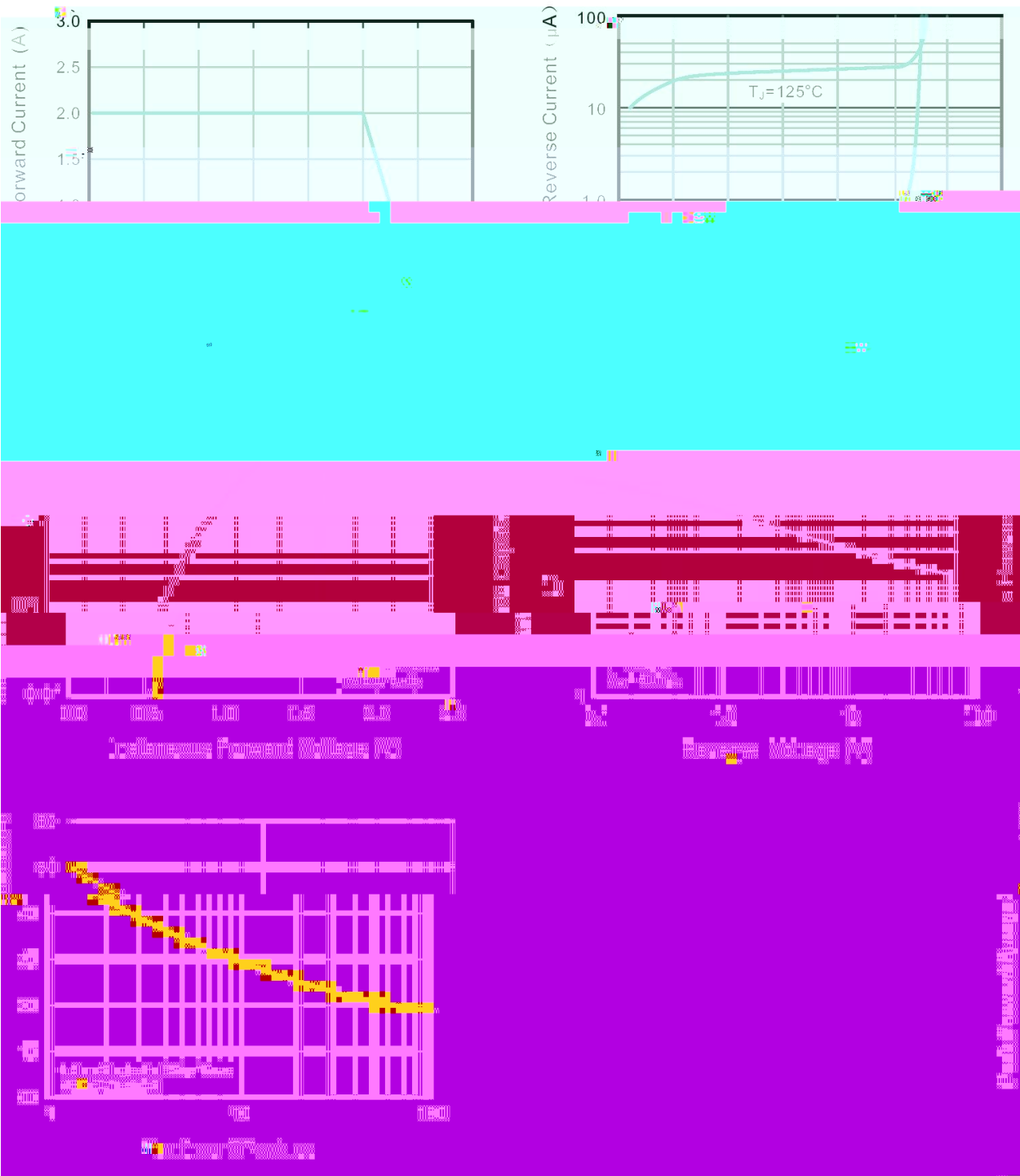


/ Marking

See Marking Instructions.

Parameter	Symbol	Rating							Unit
		RS2AF	RS2BF	RS2DF	RS2GF	RS2JF	RS2KF	RS2MF	

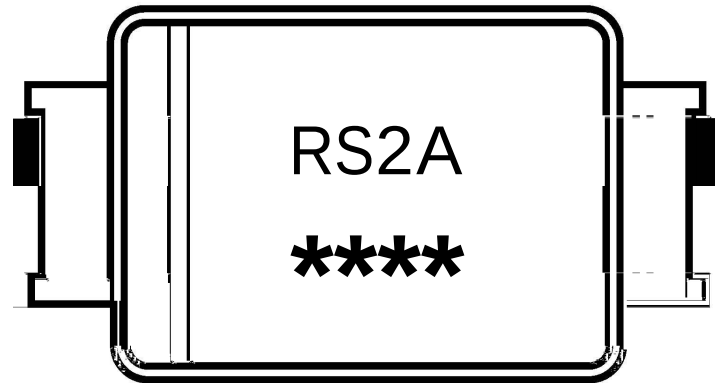
/ Electrical Characteristic Curve



RS2AF~RS2MF

Rev.F May.-2019

/ Marking Instructions



RS2A

1 *

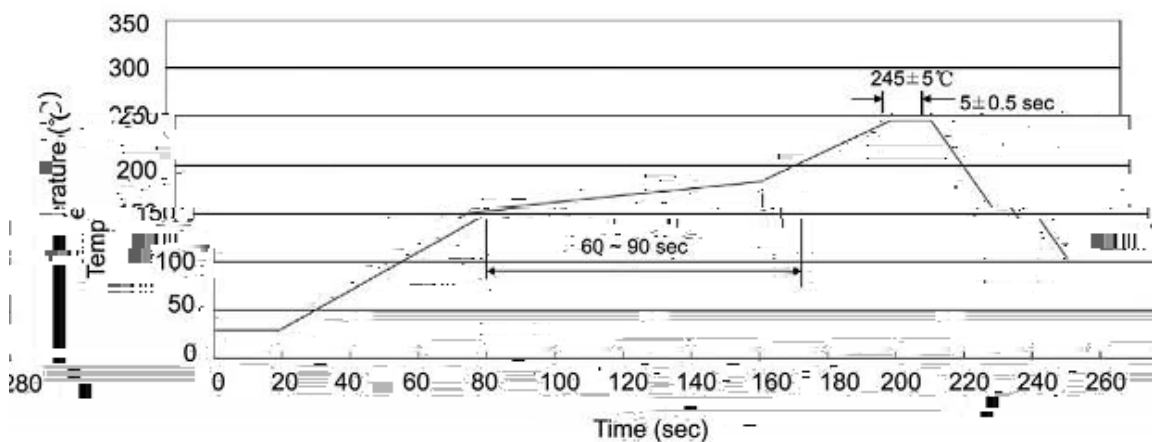
3 *

Note:

RS2A Product Type Code

**** Lot No. Code The 1st * means:YM Code The last 3 * means:little Lot No Code

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



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±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL