/ Descriptions

50V~1000V 3.0A SMB

Surface Mount General Purpose Silicon Rectifiers, Reverse Voltage 50 to1000V,Forward Current:3.0A ,SMB package.

/ Features

RoHS 2011/65/EU

Glass Passivated Chip Junction, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. Halogen free product.

/ Applications

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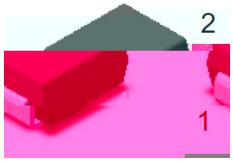
General purpose.

/ Equivalent Circuit

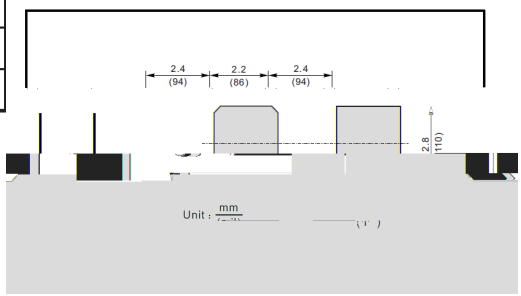


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



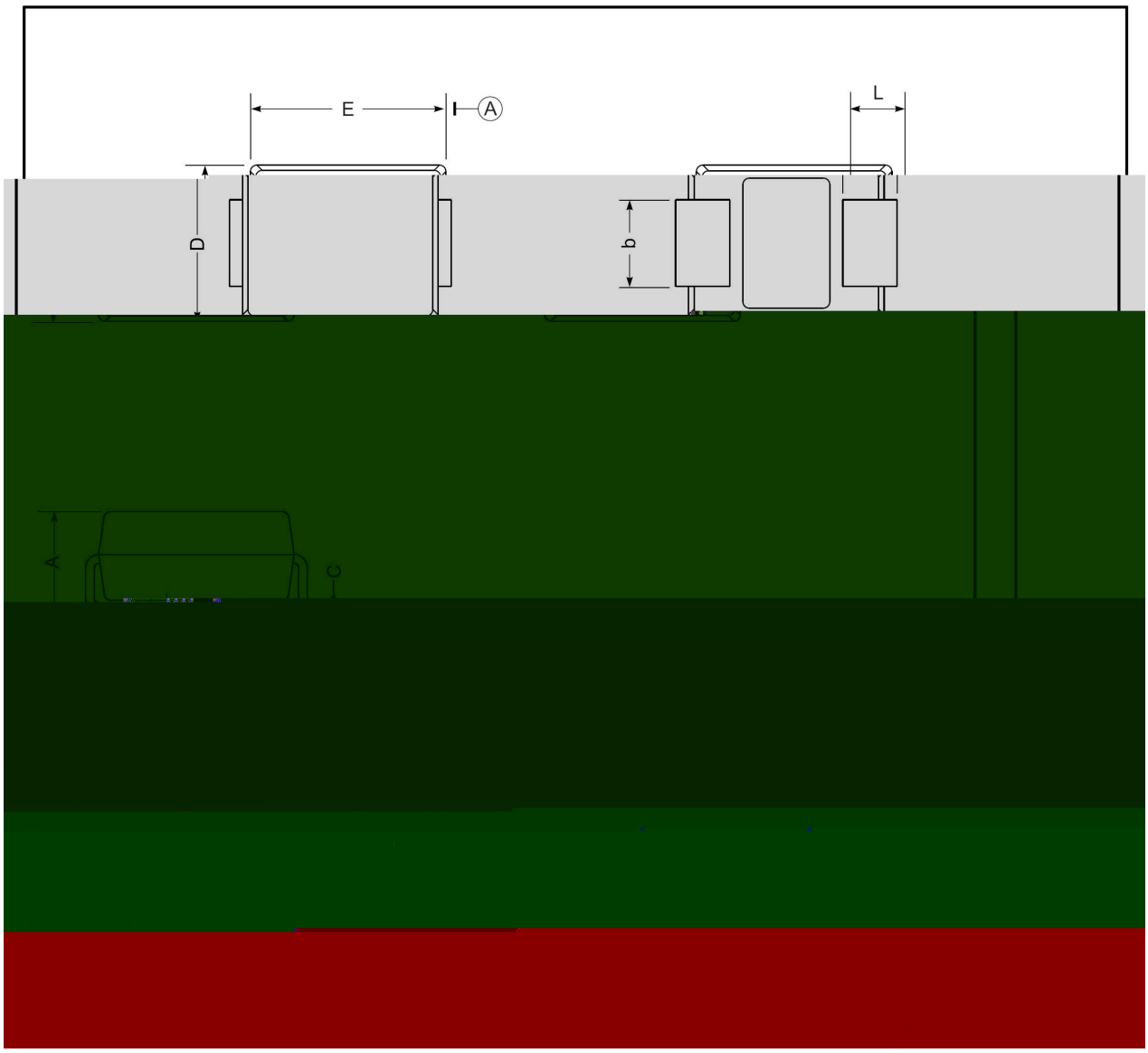
/ Marking

See Marking Instructions.

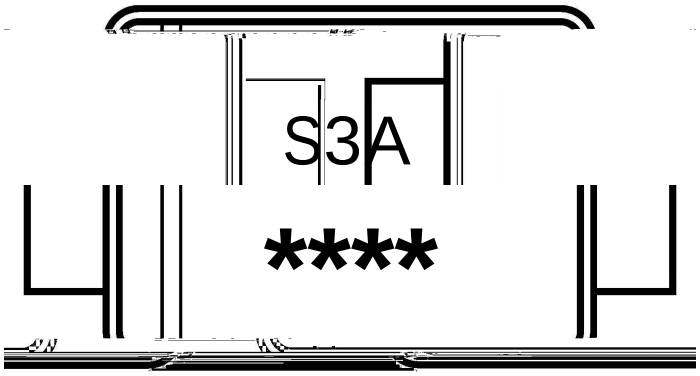
Parameter

/ Package Dimensions

SMB



/ Marking Instructions



S3A

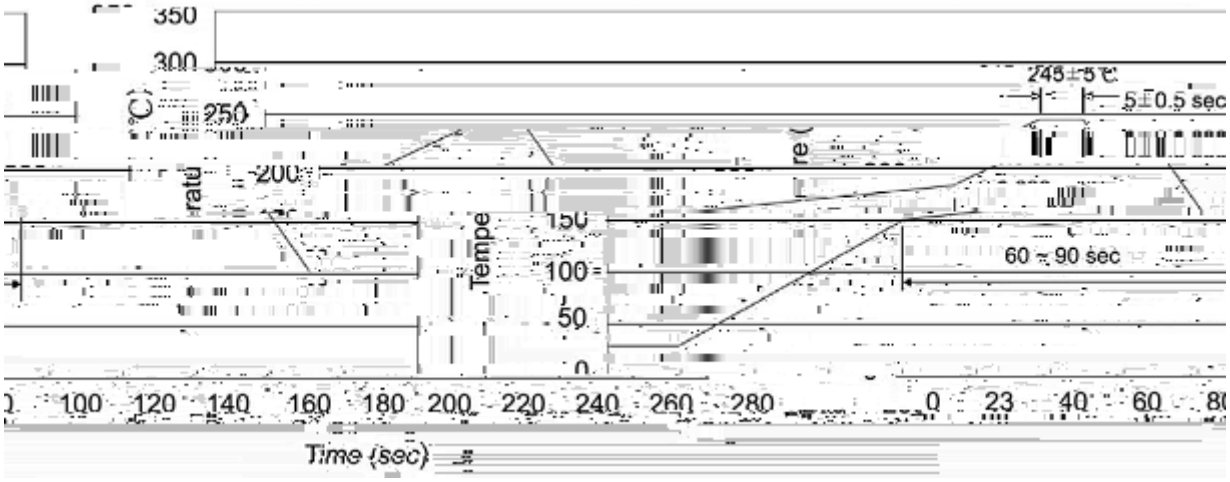
******** 1 ***** 3 *****

Note:

S3A 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)



1	25 150	60 90sec;		
2	245±5	5±0.5sec;		
3	2 10 /sec.			

Note:
1.Preheating:25~150 , Time:60~90sec.
2.Peak Temp.:245±5 , Duration:5±0.5sec.
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

Package Type	Units					Dimension (unit mm^3)		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SMB	3000	5	15000	5	75000	7 ×11	185X180X105	390X385X205

/ Notices