

/ Descriptions

50V~1000V 2.0A SMAF

/ Features

RoHS 2011/65/EU

/ Applications

/ Equivalent Circuit

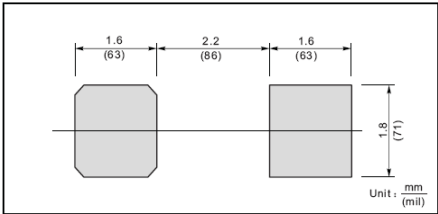


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



/ Marking

/ Absolute Maximum Ratings(Ta=25)

/ Electrical Characteristic Curve

Fig.1. Forward Current Derating Curve

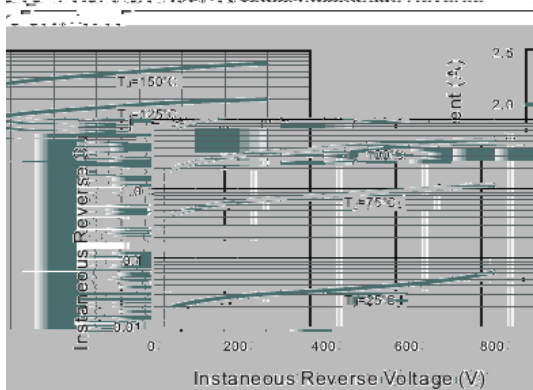


Fig.2. Typical Instantaneous Reverse

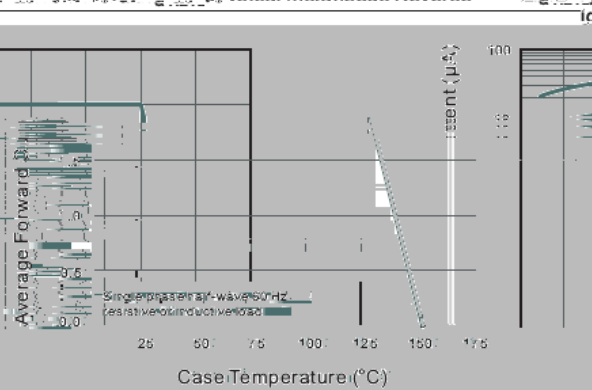


Fig.4. Typical Junction Capacitance

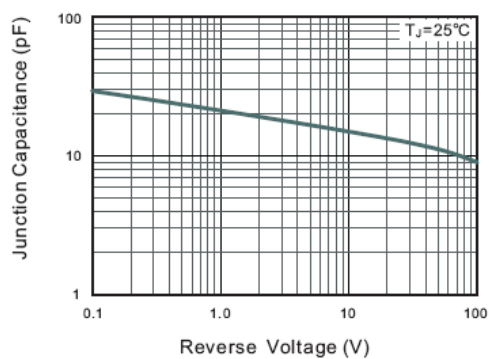


Fig.3. Typical Forward Characteristic

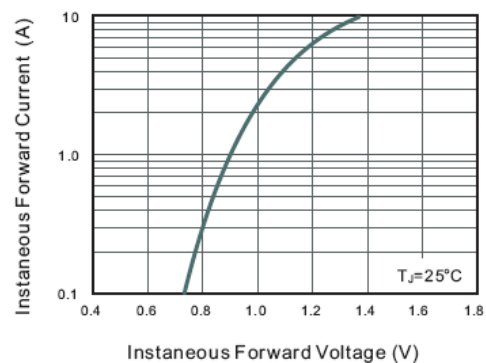
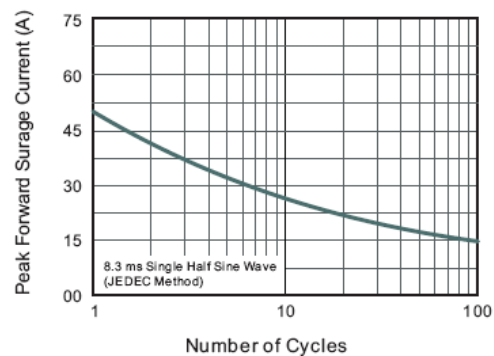


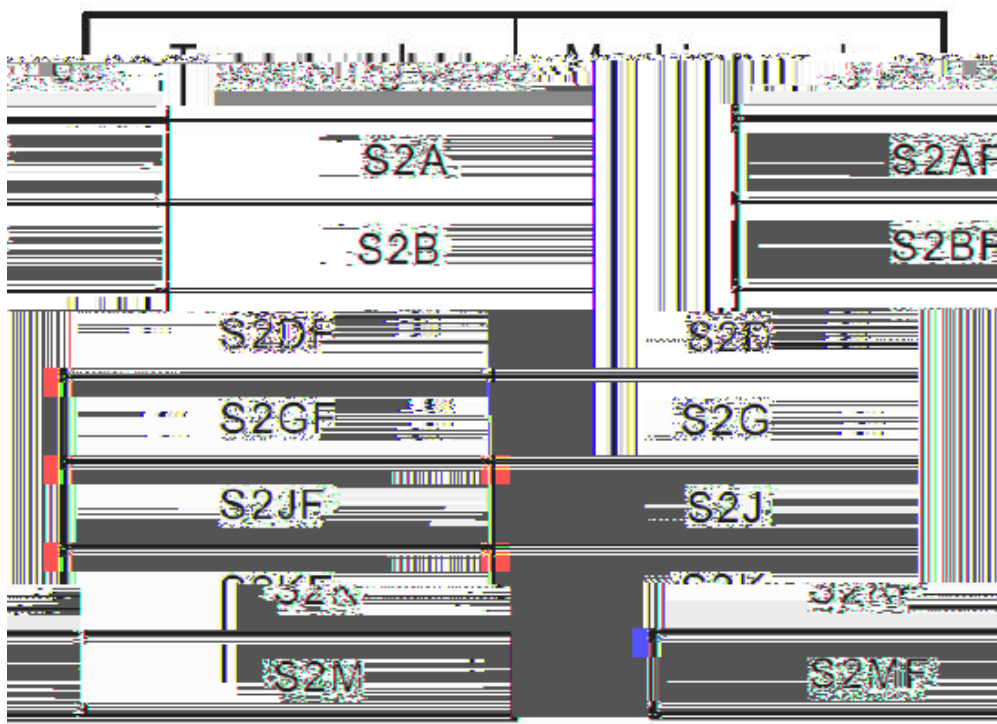
Fig.5. Maximum Non-Repetitive Peak Forward Surge Current



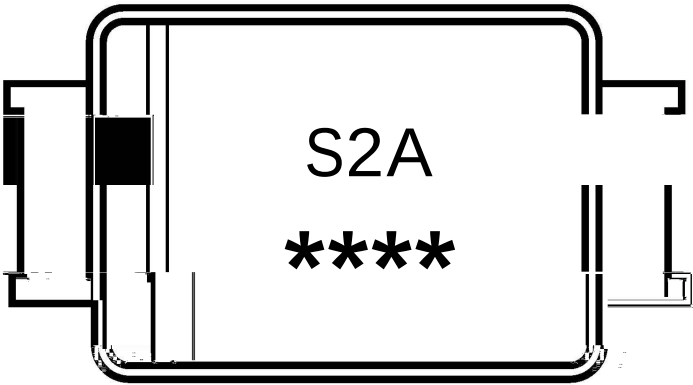
Technical drawing of a 100mm x 100mm x 10mm plate with a central 10mm x 10mm hole. The drawing includes a front view, a top view, and a bottom view. The front view shows a plate with a central hole of diameter 10mm. The top view shows the plate with a central hole of diameter 10mm. The bottom view shows the plate with a central hole of diameter 10mm. The drawing includes dimensions for the plate size (100mm x 100mm), hole size (10mm), and hole position (50mm from each edge). The drawing also includes a table of dimensions in millimeters and inches.

UNIT		A		C		D		E	
max	1.2	0.20	3.7	2.7					
min	0.9	0.12	3.3	2.4					
max	4.7	7.9	146	106					
min	0.5	4.7	163	21					

Marking

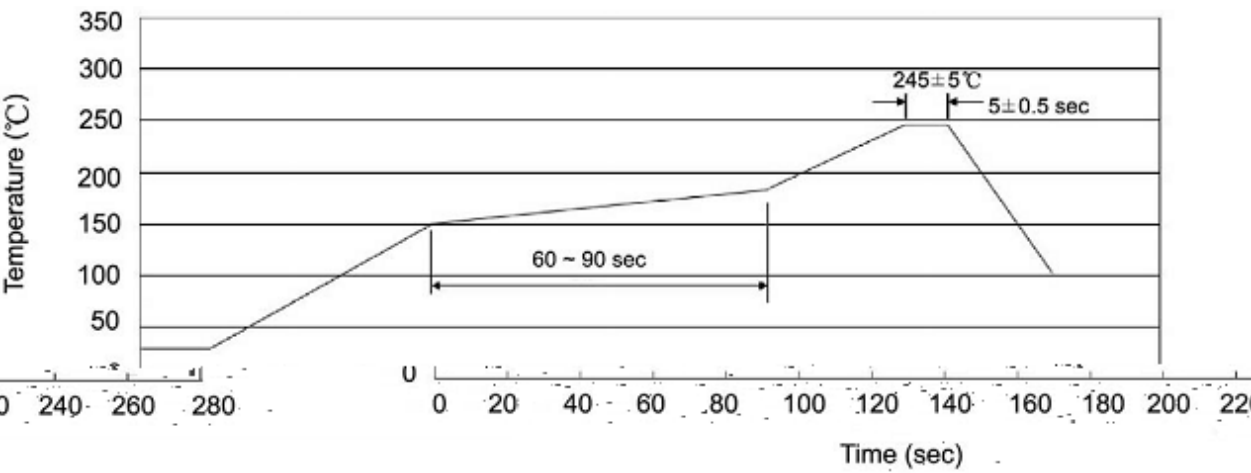


/ Marking Instructions



S2A				
*****	1	*	3	*
S2A				
*****	*		*	

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ Packaging SPEC.

	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
	/	/	/	/	/			

/ Notices