

/ Descriptions

50V~1000V 2.0A SMAF

/ Features

RoHS 2011/65/EU

0

/ Applications

/ Equivalent Circuit

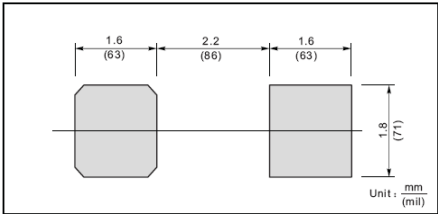


/ Pinning



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

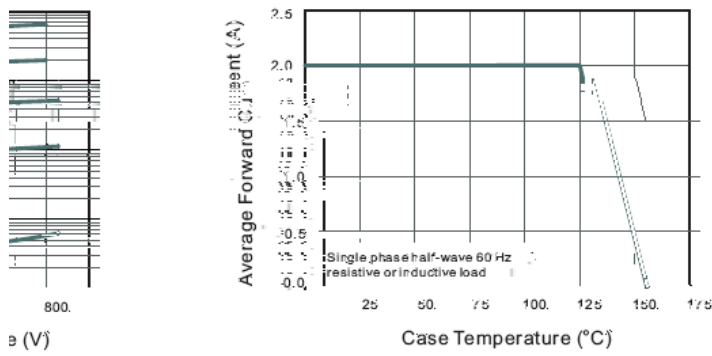


Fig.2 Typical Instantaneous Reverse

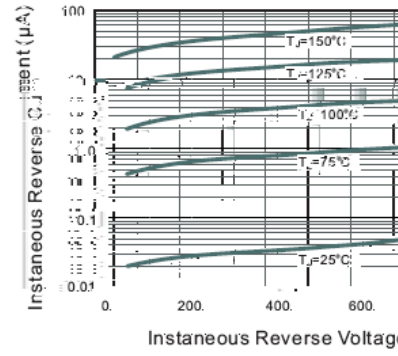


Fig.3 Typical Forward Characteristic

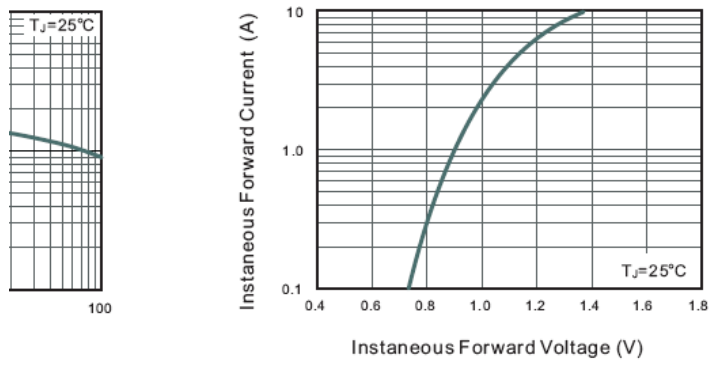


Fig.4 Typical Junction Capacitance

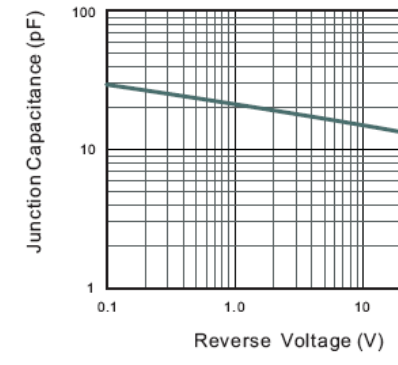
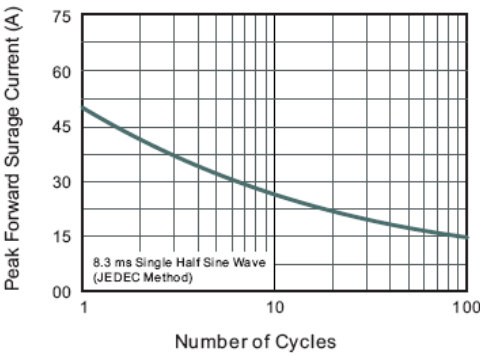
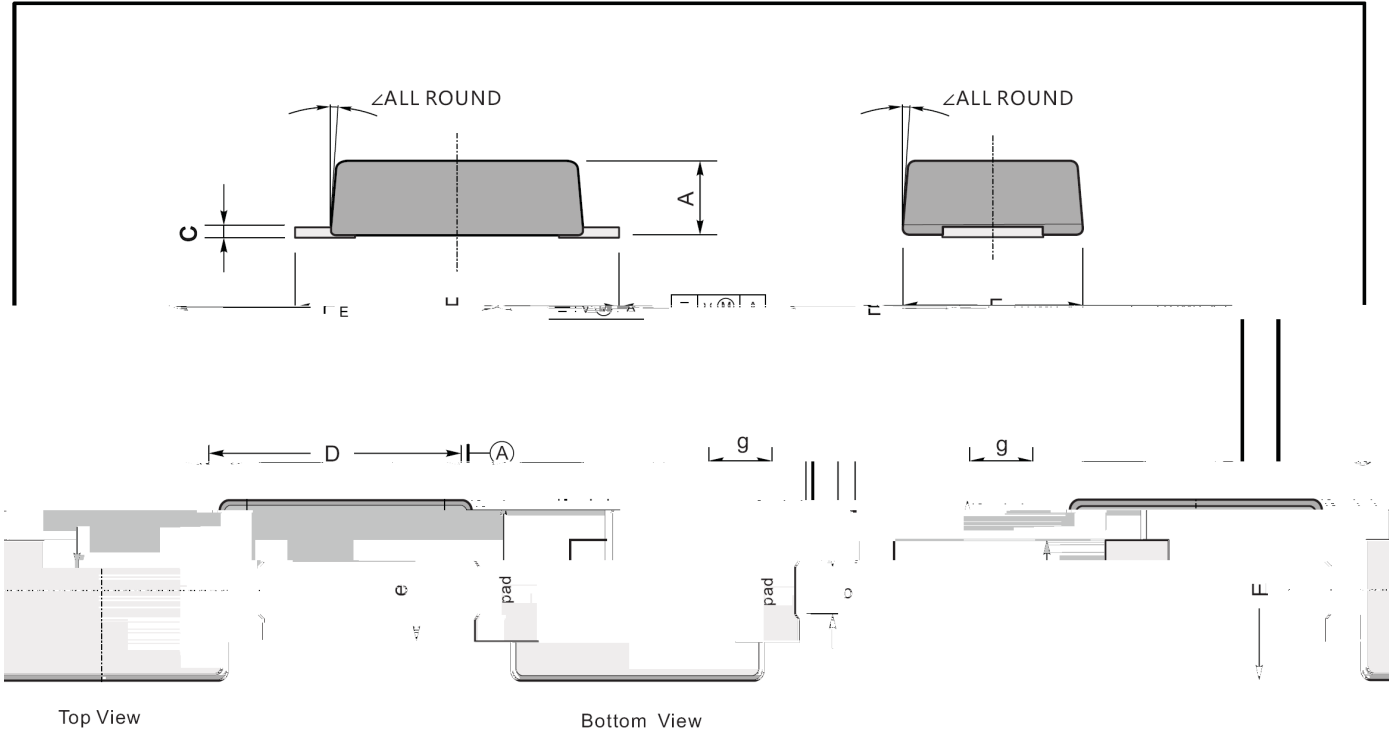


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

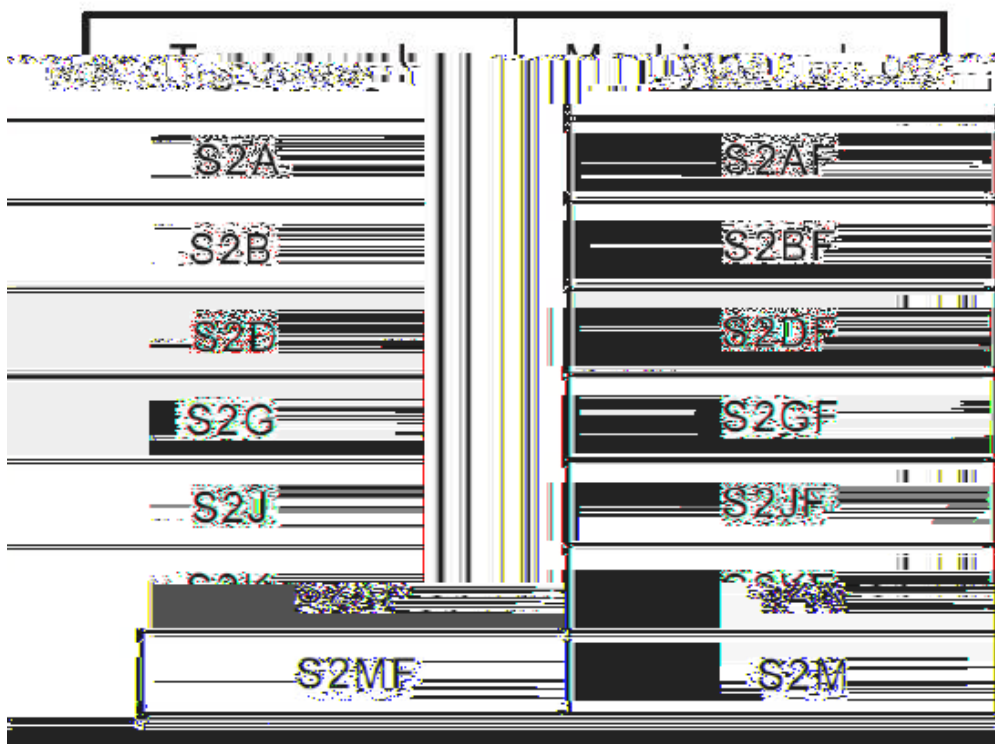


/ Package Dimensions

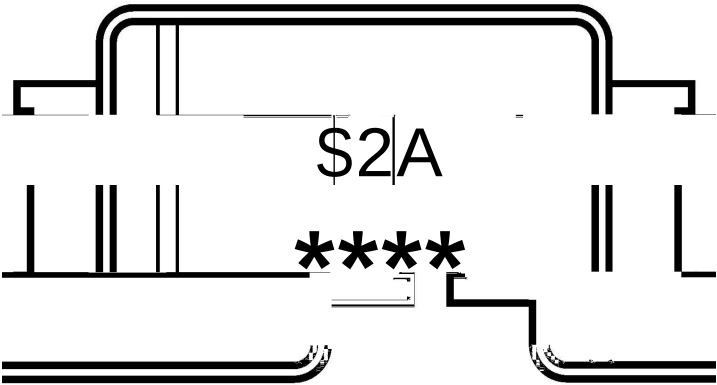


A	C	D	E	e	g	H _E	b	∠	UNIT		
2	0.20	3.7	2.7	1.6	1.2	4.9	1.05			max	1
	0.65			mm		min	0.9	0.12	3.3	2.4	1.3
		7°				max	47	7.9	146	106	63
	41			mil		min	27	17	130	204	51
											24
											170

Marking

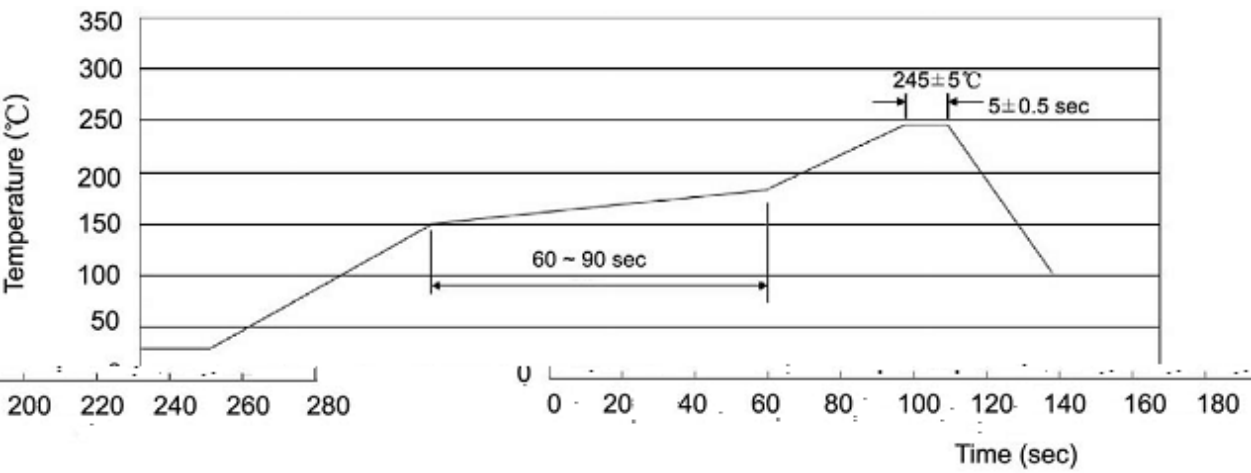


/ Marking Instructions



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