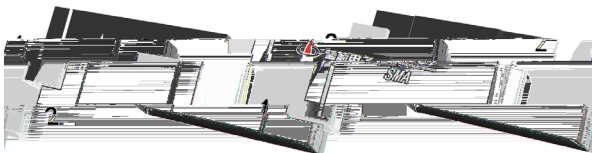
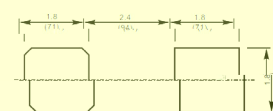


40V 5.0A SMA



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



Unit : $\frac{\text{mm}}{(\text{mil})}$

		℃		
		℃		

Fig.1 Forward Current Derating Curve

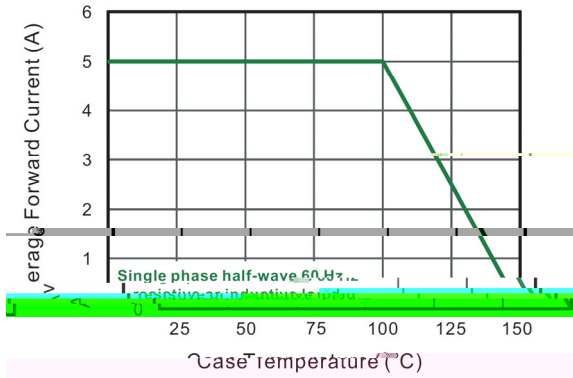


Fig.2 Typical Reverse Characteristics

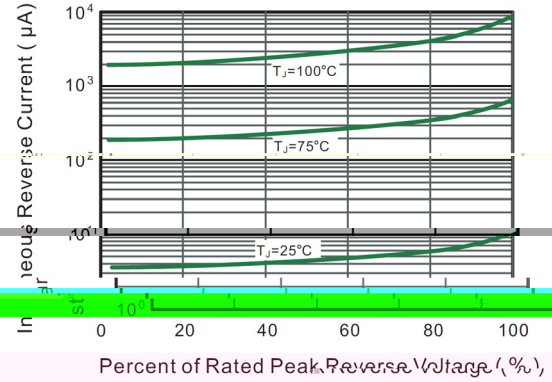


Fig.3 Typical Forward Characteristic

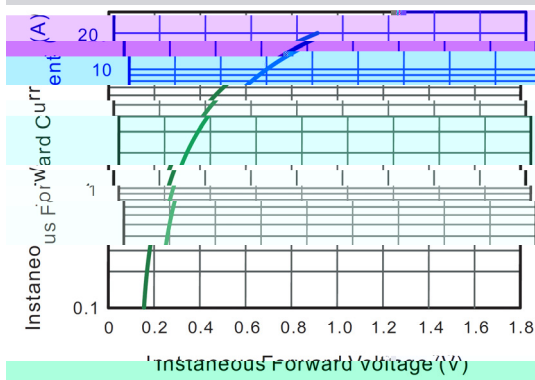


Fig.4 Typical Junction Capacitance

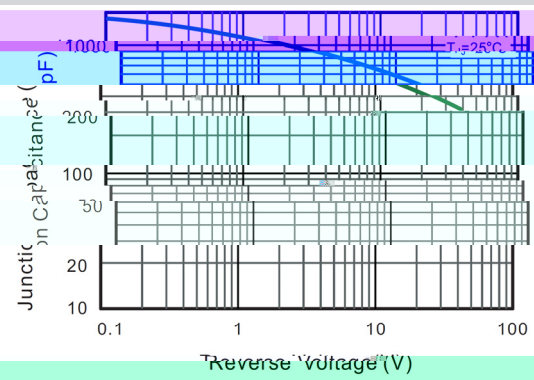


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

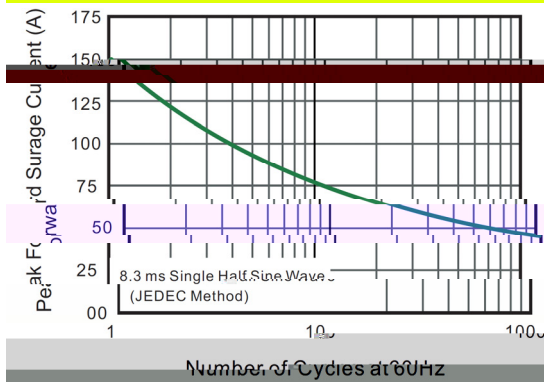
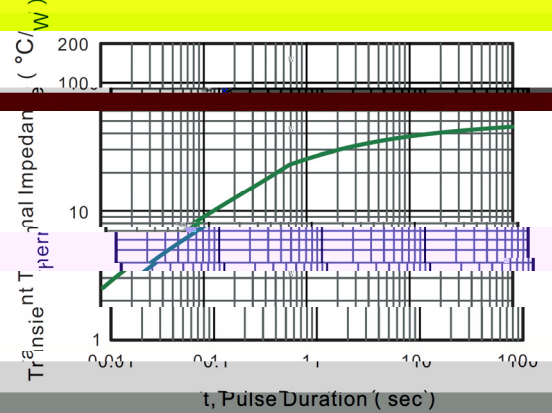
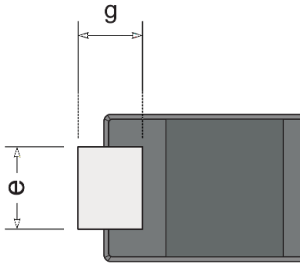
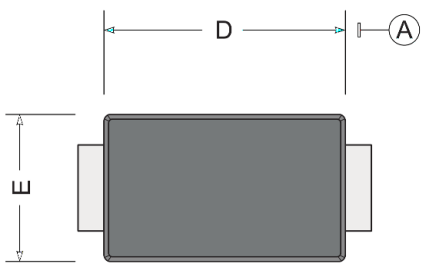
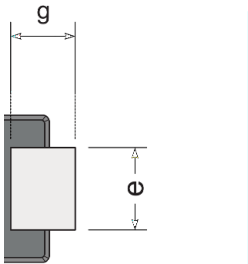
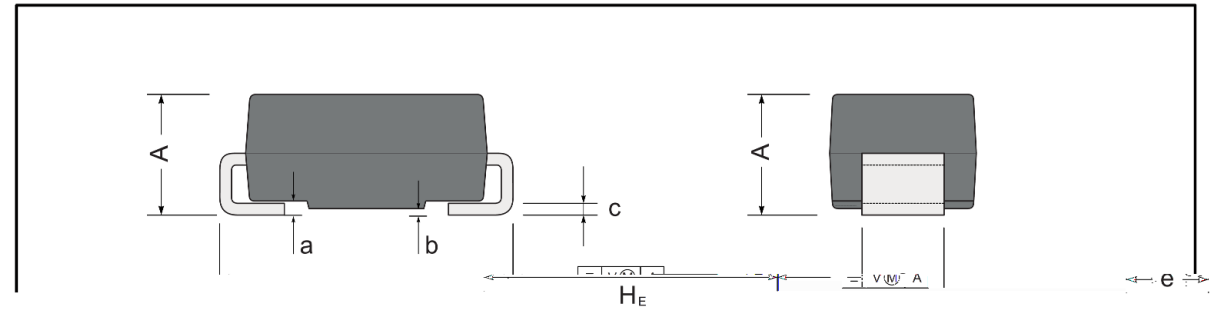


Fig.6 Typical Transient Thermal Impedance

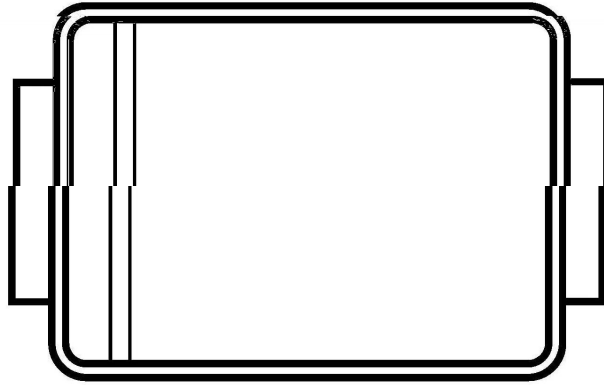


SMA



b	a
0.2	0.3
0.05	
7.9	12
2	

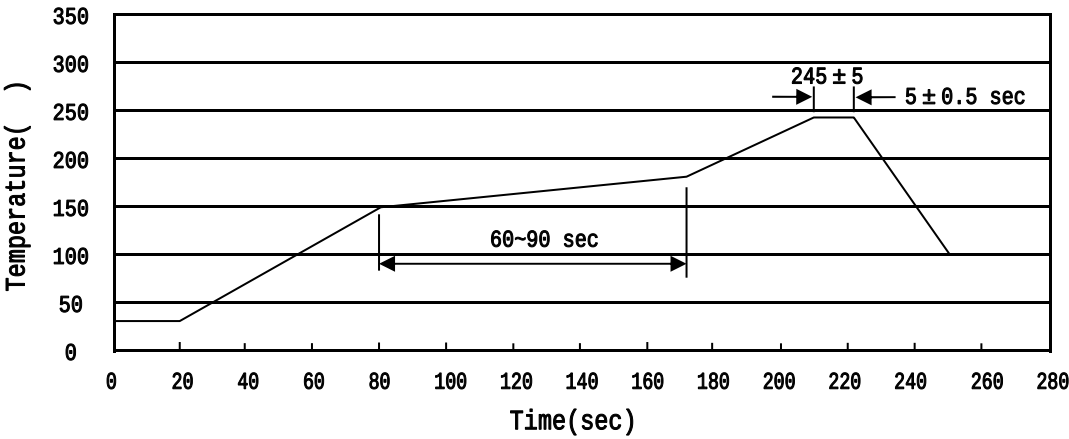
UNIT		A	D	E	H _E	c	e	g
mm	max	2.2	4.5	2.7	5.2	0.31	1.6	1.5
	min	1.9	4.0	2.3	4.7	0.15	1.3	0.9
mil	max	87	181	109	205	12	63	59
	min	75	157	91	185	6	51	35



SSL54

SSL54

Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

± ± °C

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