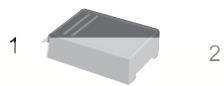


50V~1000V 2.0A SOD-123FL

2011/65/EU RoHS

0



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size

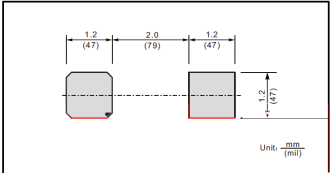


Fig.1 Forward Current Derating Curve

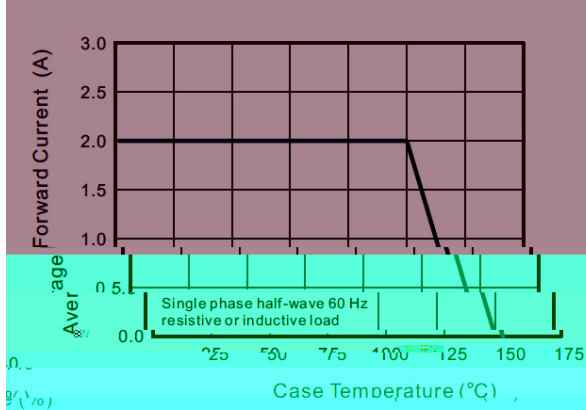


Fig.2 Typical Reverse Characteristics

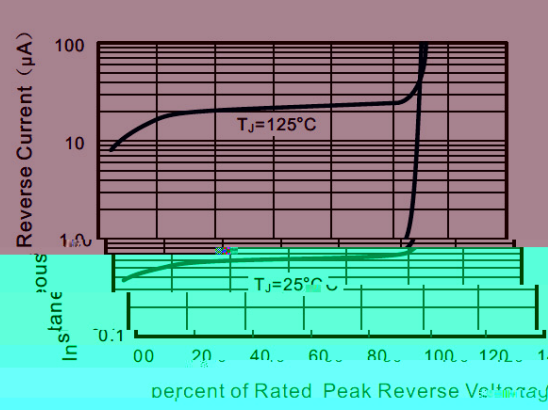


Fig.3 Typical Forward Characteristics

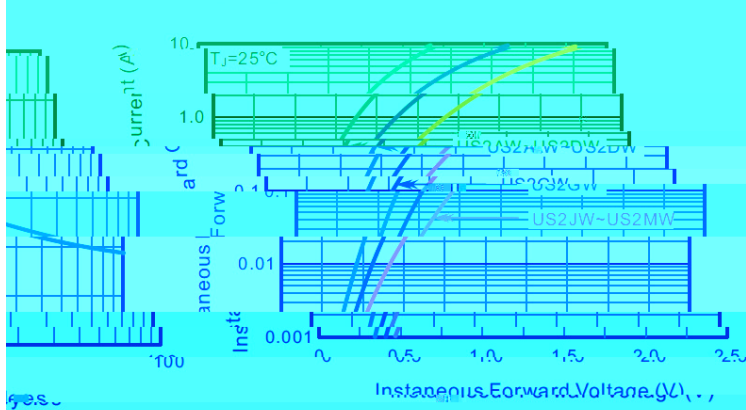
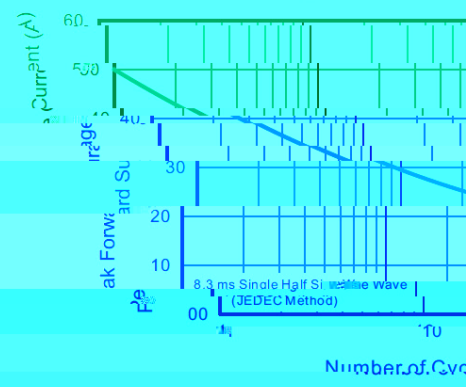
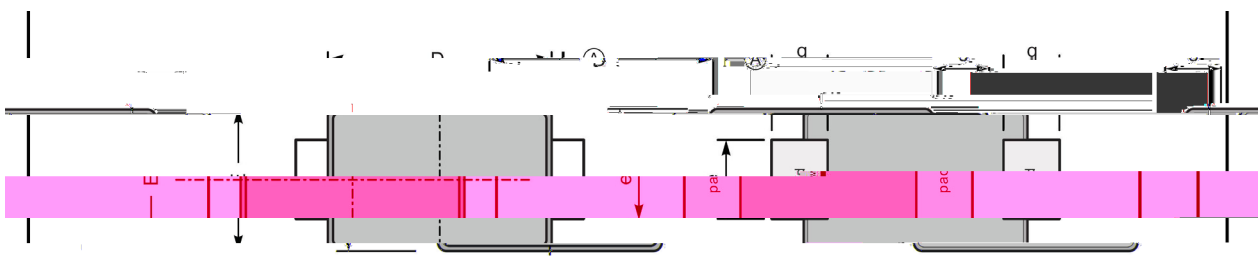
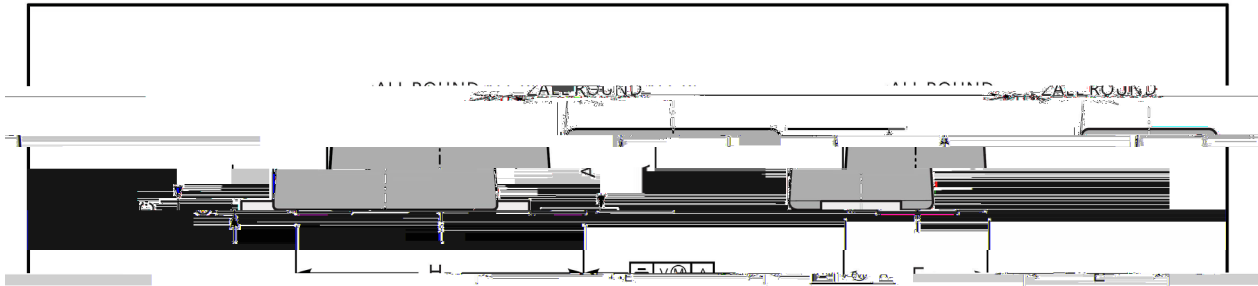


Fig.4 Maximum Non-Repetitive Peak Forward Surge Current



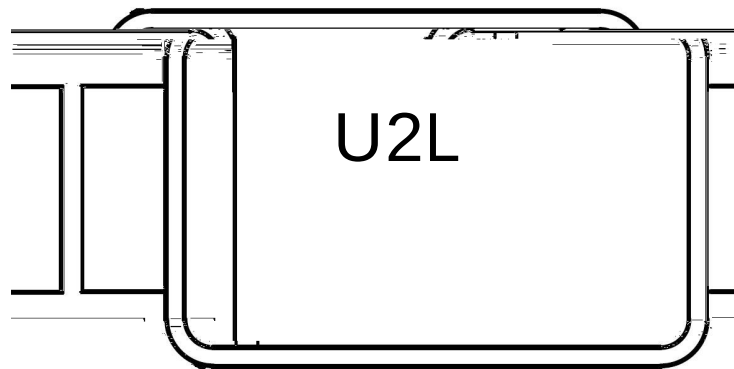
SOD-123FL



Top View

Bottom View

LIMIT		A	B	C	D	E	F	G	H
mm	max	1.1	0.20	2.9	1.9	1.1	0.9	3.8	
	min	0.9	0.12	2.6	1.7	0.8	0.7	3.5	
mil	max	43	7.9	114	75	43	35	150	
	min	35	4.7	102	67	31	28	139	



U2L

1 *

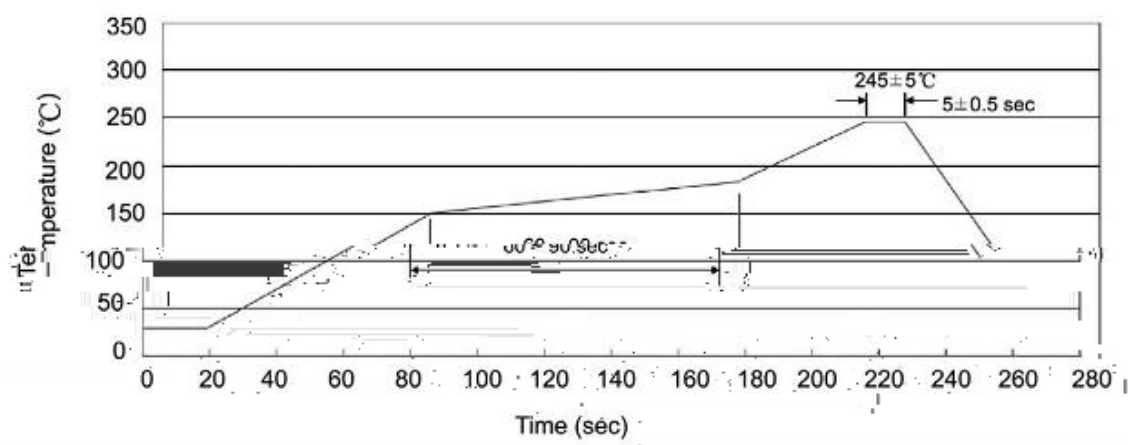
3 *

U2L

*

*

Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

± ± ± ±

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