/ Descriptions

50V~600V 2.0A SOD-123FL

Surface Mount Superfast Recovery Rectifiers, Reverse Voltage 50 to 600V,Forward Current 2.0A,SOD-123FL thin package.

/ Features

RoHS 2011/65/EU

Superfast recovery times for high efficiency, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. Halogen free product.

/ Applications

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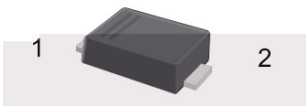
General purpose.

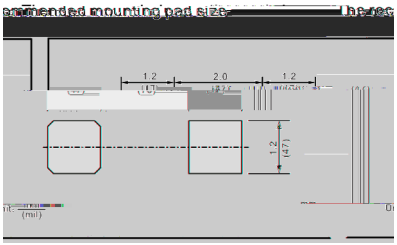
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



/ Marking

See Marking Instructions.

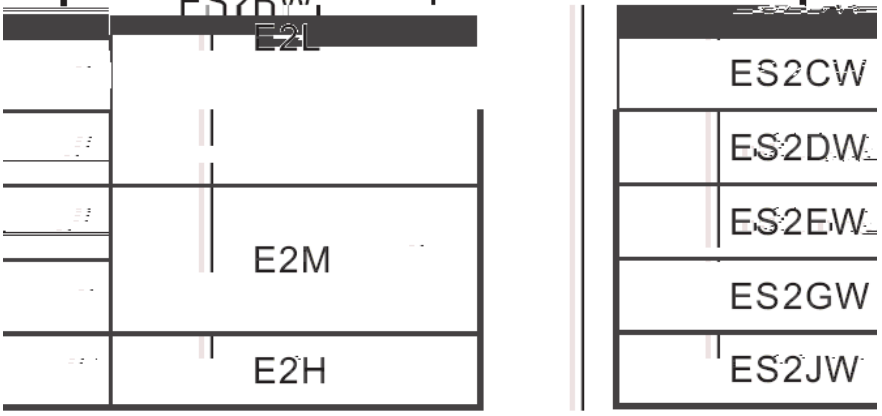
Parameter	Symbol	Rating							Unit
		ES2AW	ES2BW	ES2CW	ES2DW	ES2EW	ES2GW	ES2JW	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	50	100	150	200	300	400	600	V
Maximum RMS voltage	V_{RMS}	35	70	105	140	210	280	420	V

/ Electrical Characteristic Curve

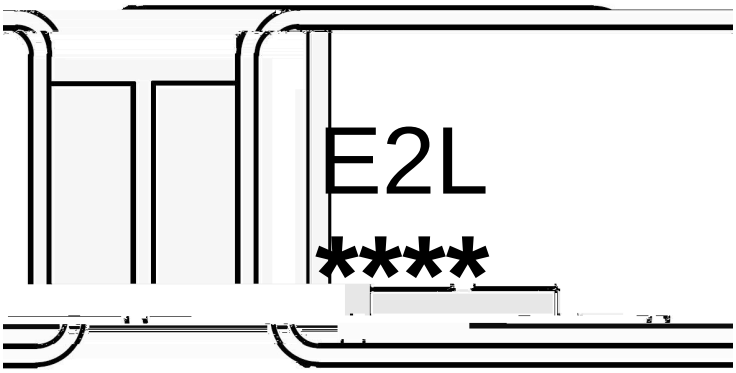
/ Marking Instructions

Marking

Type number	Marking code
ES2AW	
ES2BW	
ES2CW	
ES2DW	
ES2EW	
ES2GW	
ES2JW	



/ Marking Instructions



E2L

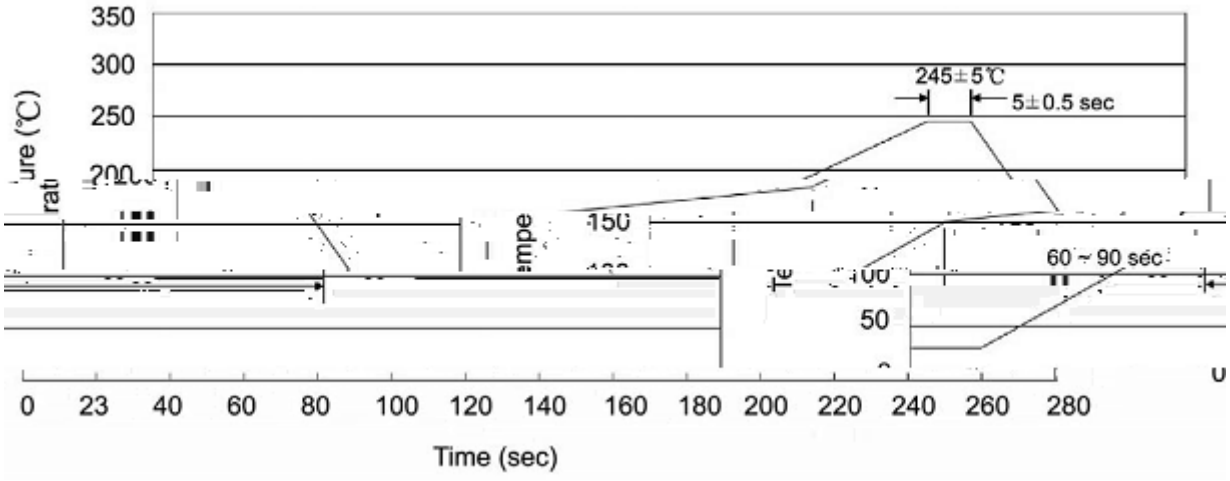
******** 1 ***** 3 *****

Note:

E2L 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)



Note:

1 25 150 60 90sec;
1.Preheating:25~150 , Time:60~90sec.

2 245±5 5±0.5sec;
2.Peak Temp.:245±5 , Duration:5±0.5sec.

3 2 10 /sec.
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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
	只卷盘	卷盘盒	只盒	盒箱	只箱		盒	箱
SOD-123FL	3000	8	24000	5	120000	7 ×11	185X180X105	390X385X205

/ Notices