FR101W THRU FR107W SOD-123FL

Surface Mount Fast Recovery Rectifiers

Reverse Voltage - 50 to 1000 V

Forward Current - 1 A

Pinning

1.Cathode	2.Anode

1  2 

SOD-123FL

FEATURES

For surface mounted applications
Low profile package
Glass Passivated Chip Junction
Easy to pick and place
Fast reverse recovery time

Lead free in comply with EU RoHS 2011/65/EU directives

MECHANICAL DATA

Case: SOD-123FL
Terminals: Solderable per MIL-STD-750, Method 2026

Approx. Weight: 15mg / 0.00053oz

YFW F1	**YFW F1A**
YFW F2	**YFW F1B**
YFW F3	**YFW F1D**
YFW F4	**YFW F1G**
YFW F5	**YFW F1J**
YFW F6	**YFW F1K**
YFW F7	**YFW F1M**

Absolute Maximum Ratings and characteristics

Ratings Current Voltage Voltage Voltage 1000 Voltage 1000 EMC /P <</MCID 1 367CDC 3.66301 0 TD[( )]TJ EM

Forward Forward

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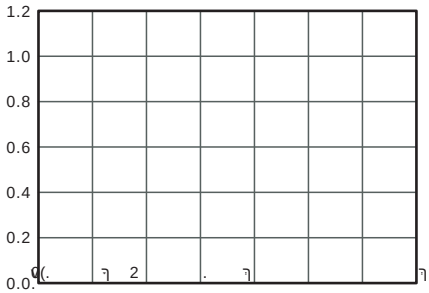
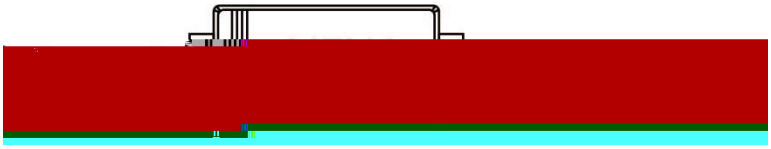
Maximum Voltics tics tics Maximum Voltics


1.2
1.0
0.8
0.6
0.4
0.2
0.0

Marking Diagram

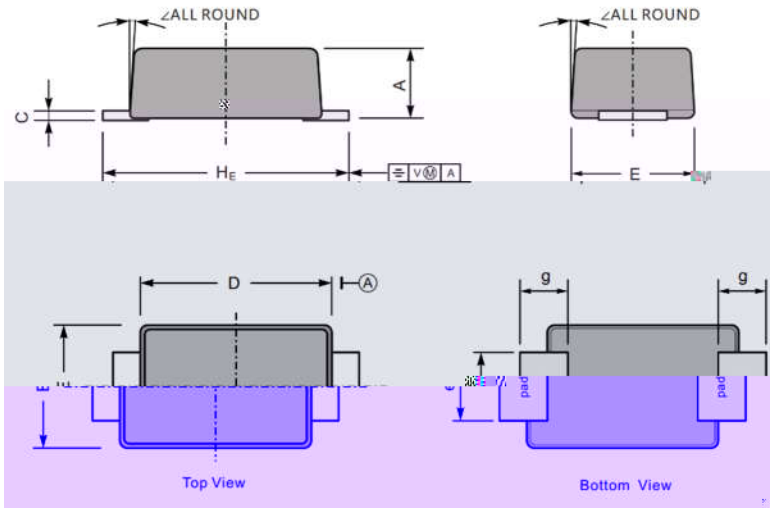


Ordering information

Package	Packing Description	Packing Quantity
SOD-123FL	Tape/Reel,7"reel	3000PCS/Reel 120000PCS/Carton

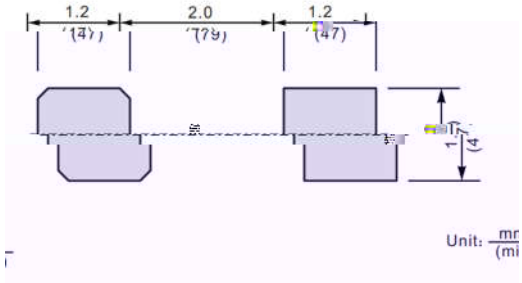
Package Dimensions

SOD-123FL



Dim.	Millimeter(mm)		mil	
	Min.	Max.	Min.	Max.
A	0.9	1.3	35	43
C	0.12	0.20	4.7	7.9
D	2.6	2.9	102	114
E	1.7	1.9	67	75
e	0.8	1.1	31	43
g	0.7	0.9	28	35
HE	3.5	3.8	138	150
∠	7°			

The recommended mounting pad size



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