LV10100DCT

Rev.F May.-2016

DATA SHEET

TO0555 Ł

Schottky Diode in a TO-252 Plastic Package.

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Low forward voltage drop,low power losses,High efficiency operation,High cost performance.

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Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RRM} V_{RWM} V_{RM}	100	V
RMS Voltage	V_{RMS}	70	V
Average Rectified Forward Current	$I_{F(AV)}$	2X5	A
Non Repetitive Peak Surge Current	I_{FSM}	80	A
Typical Thermal Resistance Junction to Case	R_{Jc}	2.8	/W
Junction and Storage Temperature Range	T_j T_{stg}	-40 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
everse Voltage	V_{BR}	I_R=1mA Ta=25	100			V
		I_F=3A Ta=25		0.59		V

orward Voltage V_F

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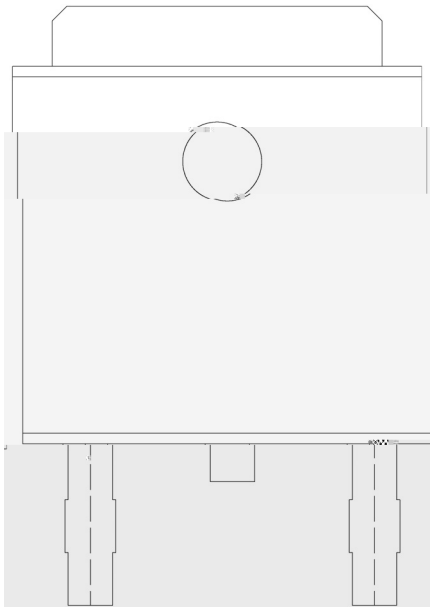
/ Marking Instructions



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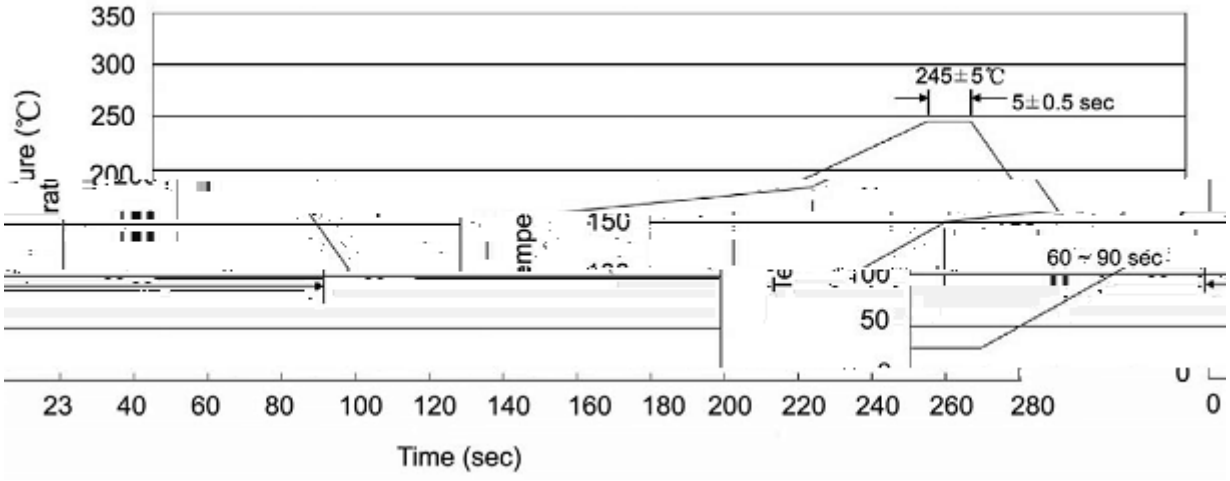
Note:

BR: Company Code

LV43433

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



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1 أ 25 150 ڑ 60 90sec;

2 245±5 ڑ ٨ 5±0.5sec;

3 ه 2 10 /sec.

Note:

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

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

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 ڑ 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

ㄴ / REEL

Package Type 封	Units 包 数量					Dimension 包 尺寸 (unit: mm^3)		
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ㄴ / TUBE

Package Type 封	Units 包 数量					Dimension 包 尺寸 (unit: mm^3)		

/ Notices