LV15T50E

Rev.G Sep.-2018

蓝箭电子
BLUE ROCKET ELECTRONICS
DATA SHEET

/ Descriptions

TO-277

TO-277 Plastic package Schottky diode.

/ Features

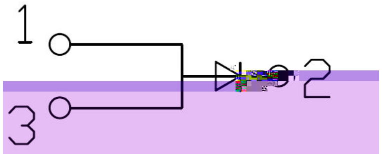
V_F(typ)=0.35V

High Forward Surge Capability, Ultra Low Forward Voltage Drop V_F(typ)=0.36V, Excellent High Temperature Stability. HF Product.

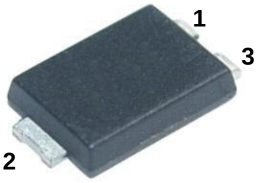
/ Applications

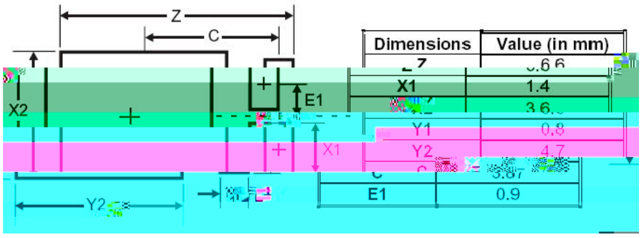
For use in low voltage, high frequency inverters, free wheeling, and polarity protection applications.

/ Equivalent Circuit



/ Pinning





Dimensions	Value (in mm)
Z	[illegible]
X1	1.4
X2	3.6[illegible]
Y1	0.8
Y2	4.7
C	[illegible]
E1	0.9

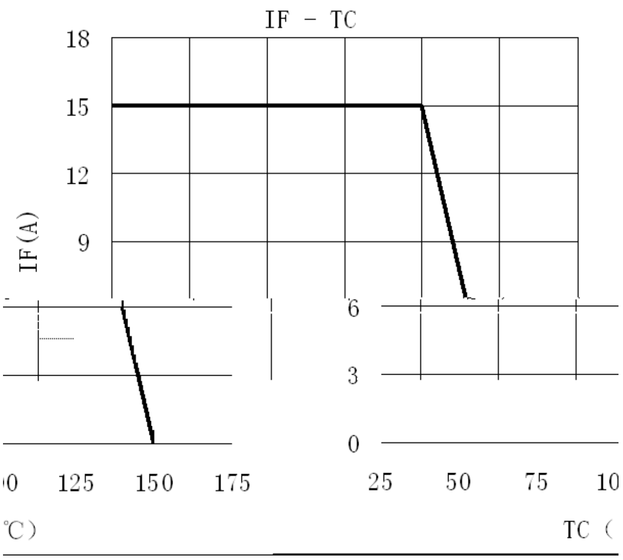
PIN1 Anode PIN 2 Cathode PIN 3 Anode

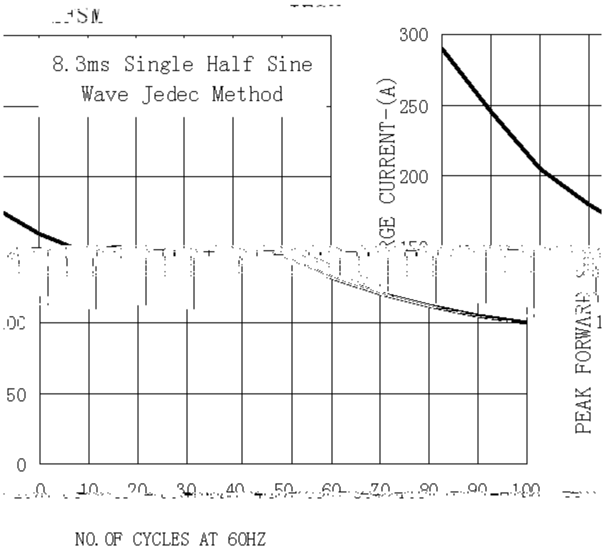
Suggested Pad layout

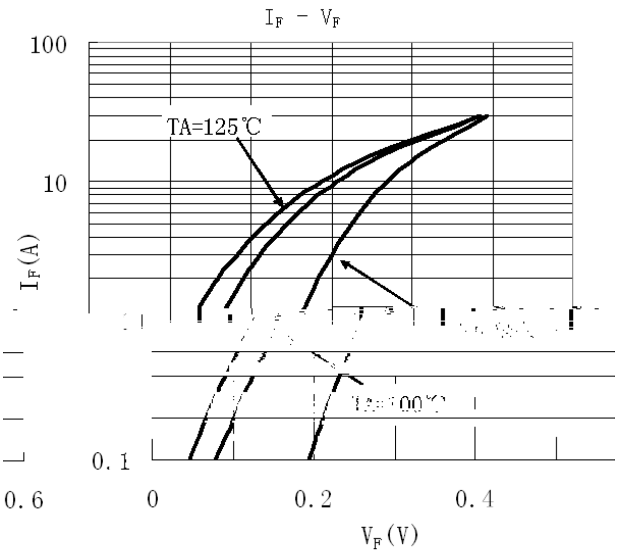
/ h_{FE} Classifications & Marking

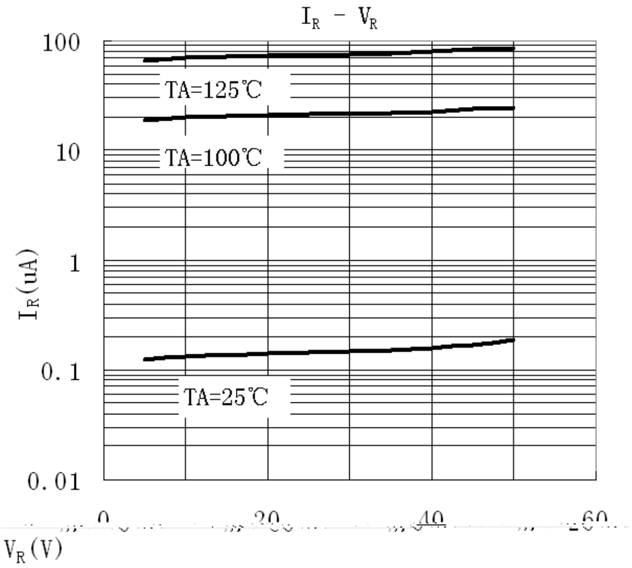
See Marking Instructions.

/ Electrical Characteristic Curve

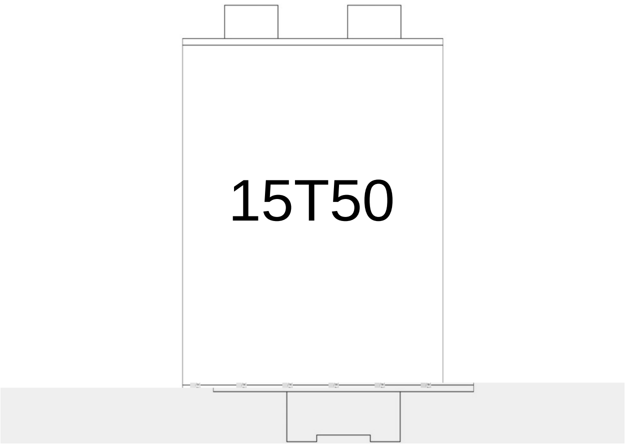








/ Marking Instructions



15T50

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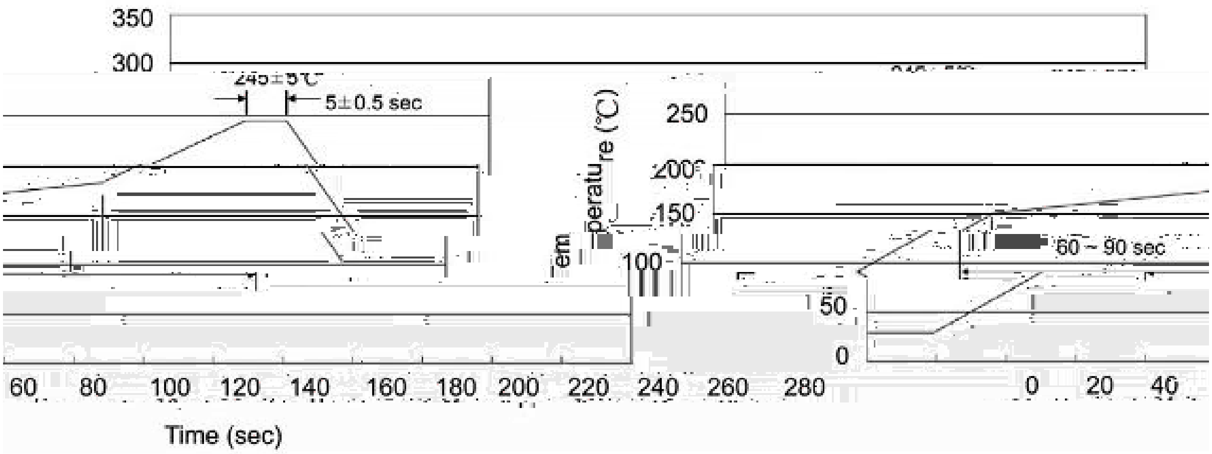
Note:

15T50	Product Type Code.
****:	Lot No. Code, code change with Lot No.

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



1 150 180 60 90sec;
2 245±5 5±0.5sec;
3 2 10 /sec.

Note:
1.Preheating:150~180 , 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 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension		(unit mm^3)

/ Notices