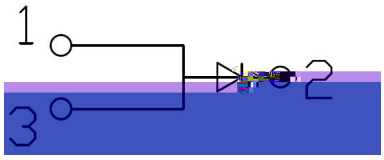
TO-277

TO-277 Plastic package Schottky diode.

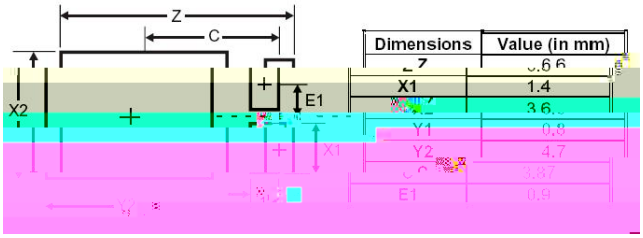
V_F(typ)=0.35V

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

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

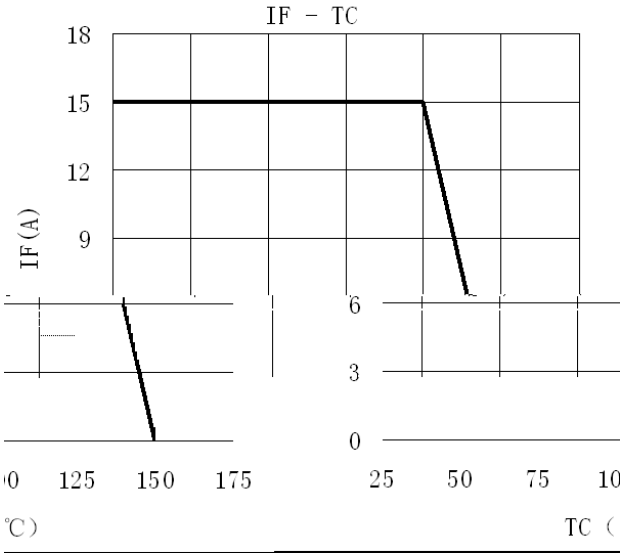


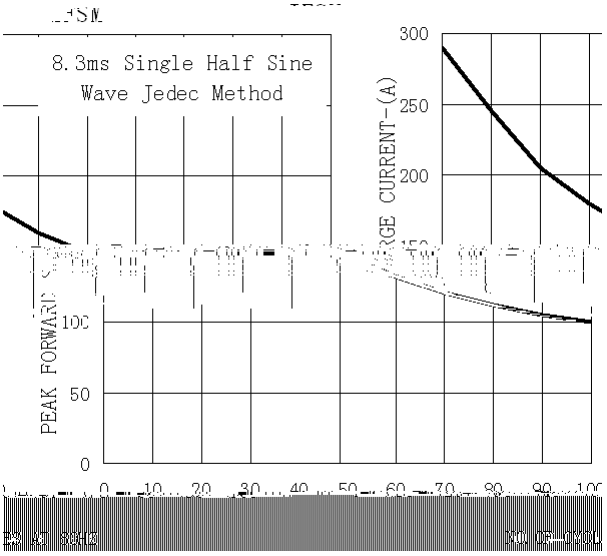


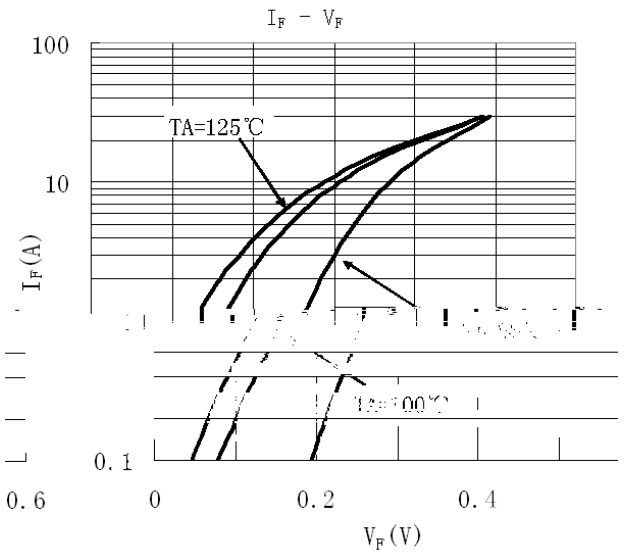


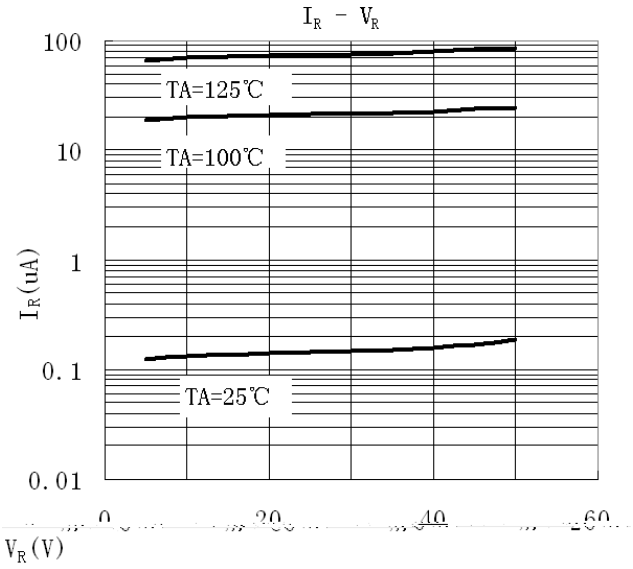
PIN1 Anode PIN 2 Cathode PIN 3 Anode Suggested Pad layout

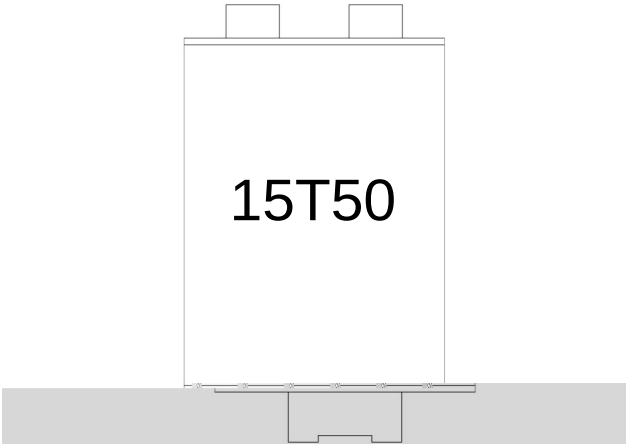
See Marking Instructions.


IF - TC
18
15
12
9
6
3
0
IF(A)
125
150
175
25
50
75
℃)
TC (


8.3ms Single Half Sine
Wave Jedec Method
300
250
200
100
50
0
PEAK FORWARD
CURRENT-(A)


IF - VF
100
10
0.1
TA=125℃
IF(A)
0.6
0
0.2
0.4
VF(V)


IR - VR
100
10
1
0.1
0.01
TA=125℃
TA=100℃
TA=25℃
IR(uA)
0
20
40
60
VR(V)



15T50

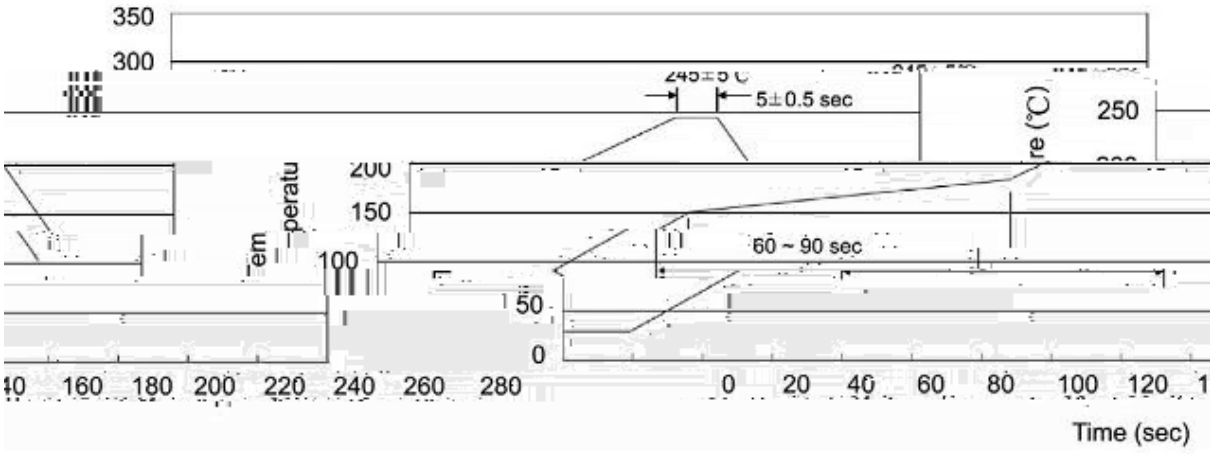
****

Note:

15T50 Product Type Code.

****: Lot No. Code, code change with Lot No.

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

1 150 180 60 90sec;

2 245±5 5±0.5sec;

3 2 10 /sec.

1.Preheating:150~180 , Time:60~90sec.

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

3. Cooling Speed: 2~10 /sec.

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

/ REEL

Package Type	Units					Dimension		(unit mm^3)