

/ Descriptions

TO-277
TO-277 Plastic package ultrafast recovery diode .

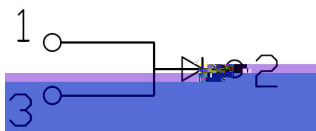
/ Features

Silicon epitaxial process to produce ultrafast recovery diode with low reverse leakage current and high reliability. HF Product.

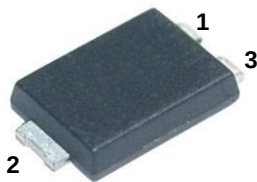
/ Applications

PFC
For high frequency,high voltage,high current rectifier diode,freewheeling diode, PFC circuit.

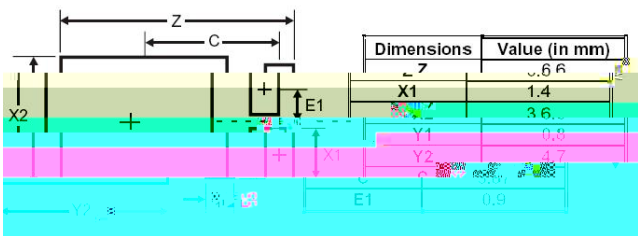
/ Equivalent Circuit



/ Pinning



PIN1 Anode PIN 2 Cathode PIN 3 Anode



Suggested Pad layout

/ h_{FE} Classifications & Marking

See Marking Instructions.

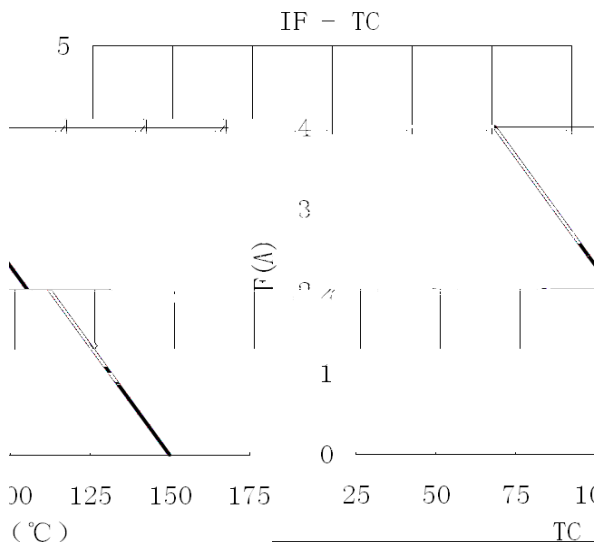
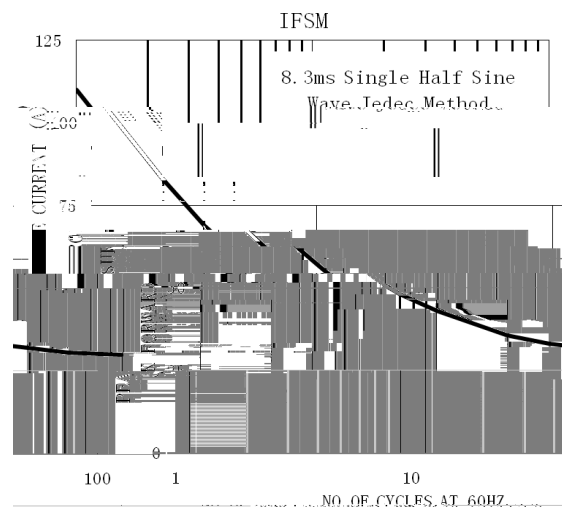
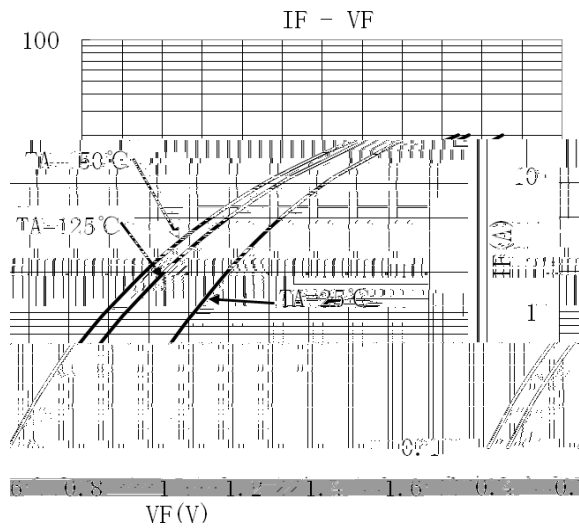
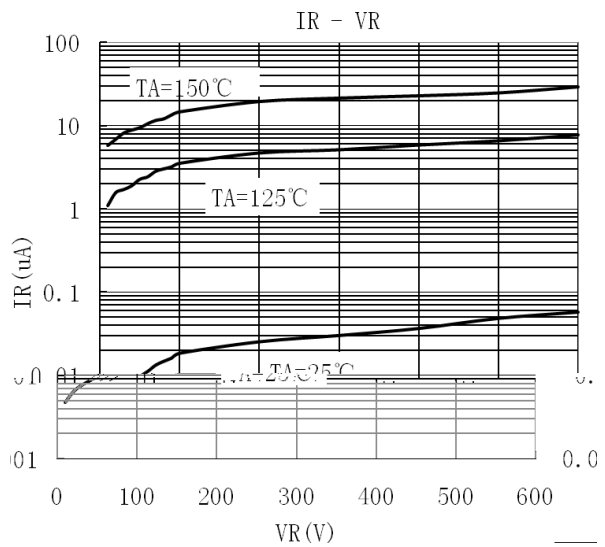
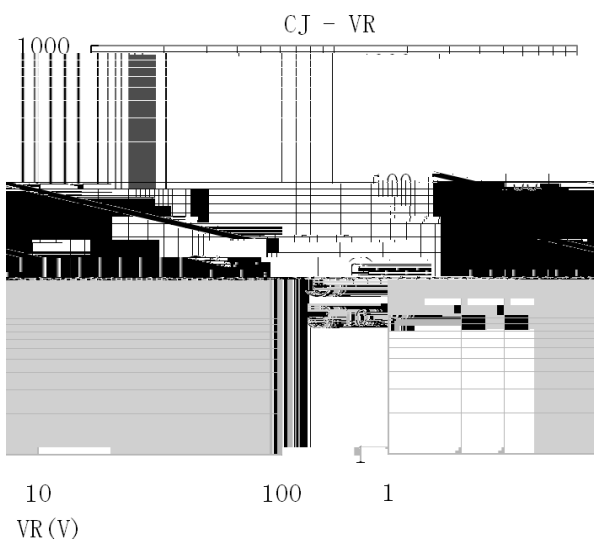
**DATA SHEET**

Rating	Unit
600	V
420	V
4	A
110	A
-55 150	
-55 150	
76	/W

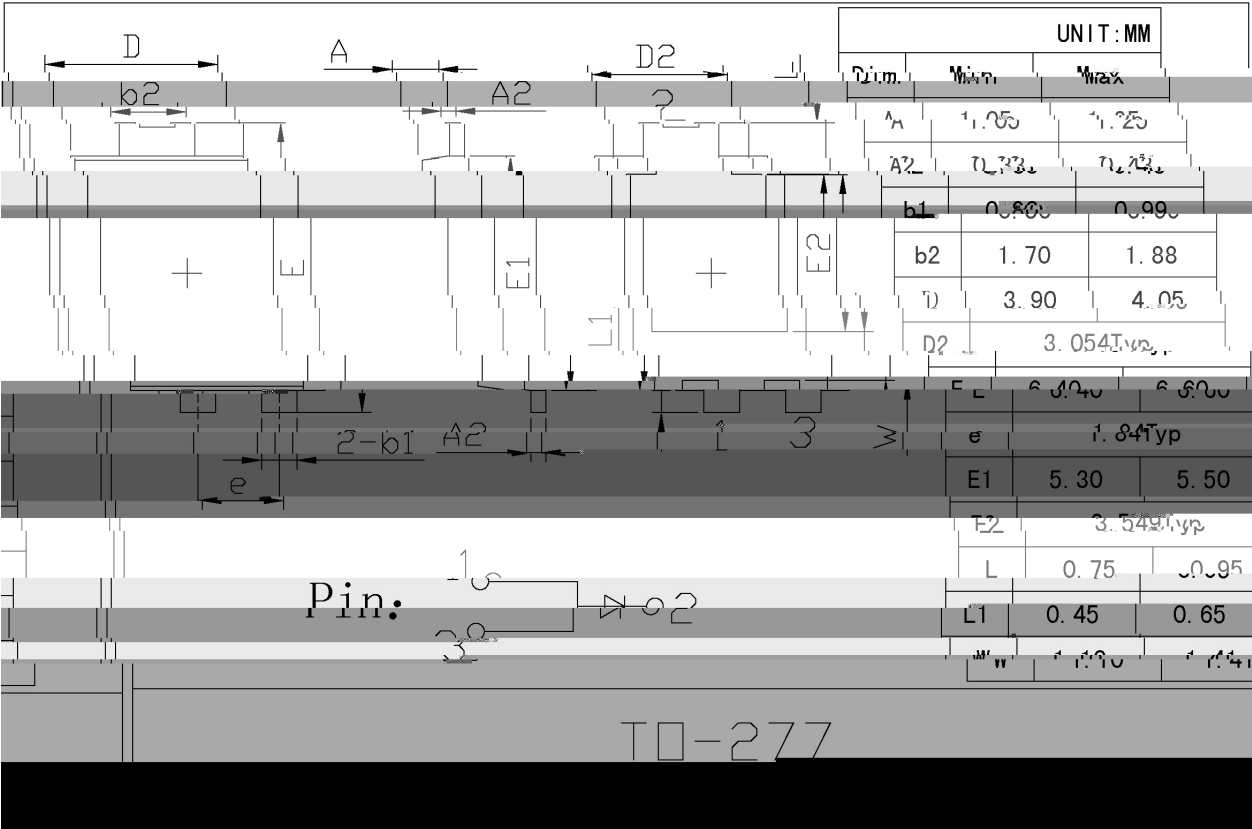
Rating	Unit
600	V
1.1	
0.85	
1.28	

2043Zp0229)LR4924838 3.48004394.08F)T

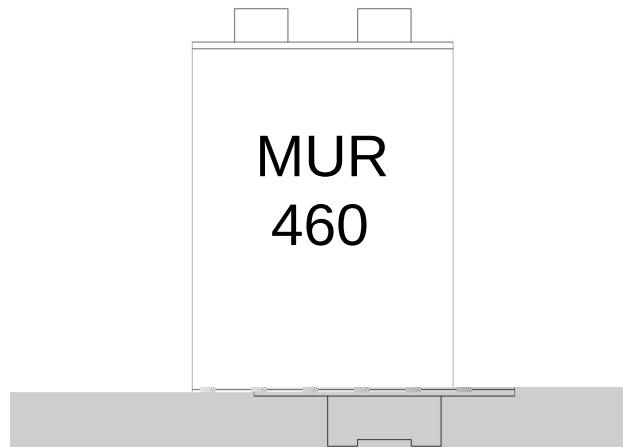
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



MUR460

Note:

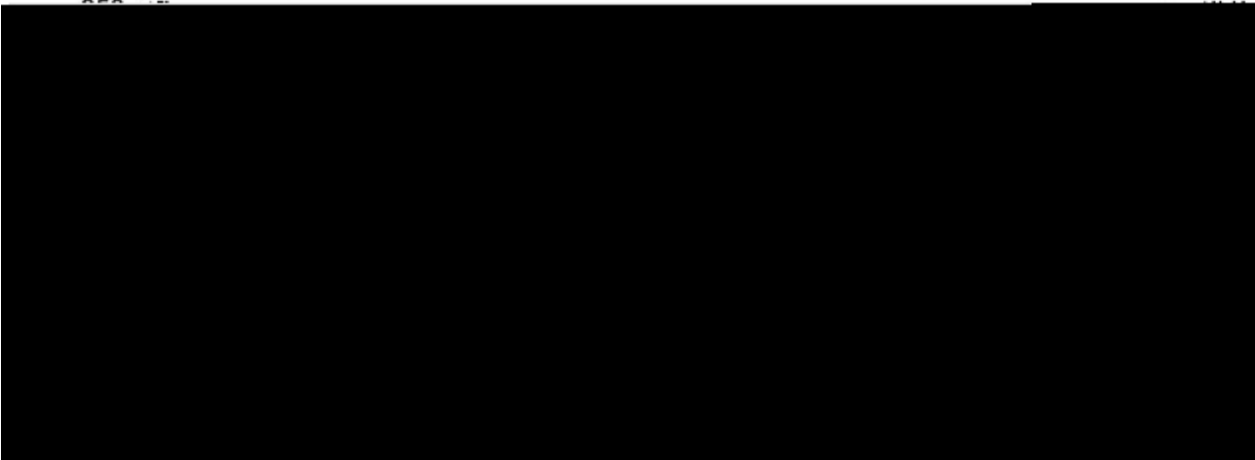
MUR460

Product Type.

****:

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.