/ Descriptions

TO-277

TO-277 Plastic package ultrafast recovery diode .

/ Features

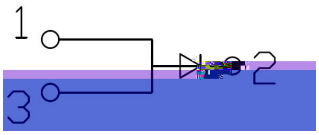
Silicon epitaxial process to produce ultrafast recovery diode with low reverse leakage current and high reliability. HF Product.

/ Applications

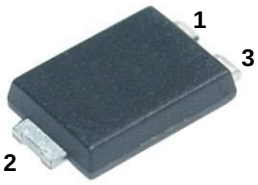
PFC

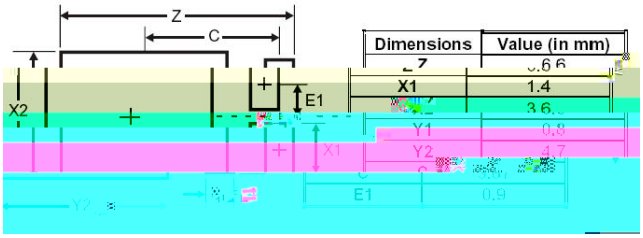
For high frequency,high voltage,high current rectifier diode,freewheeling diode, PFC circuit.

/ Equivalent Circuit



/ Pinning





PIN1 Anode PIN 2 Cathode PIN 3 Anode Suggested Pad layout

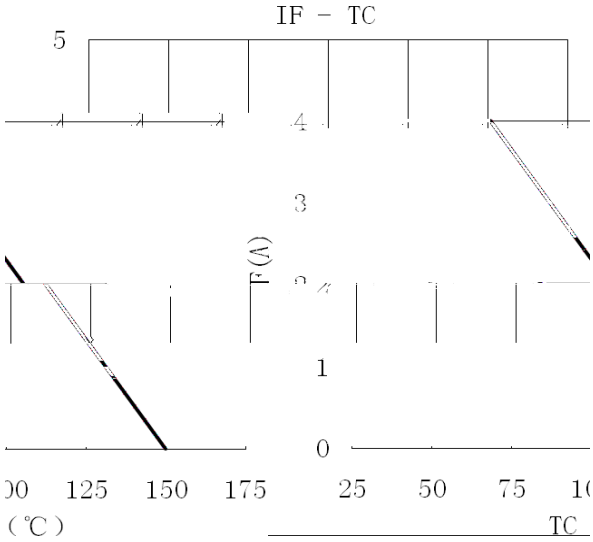
/ h_{FE} Classifications & Marking

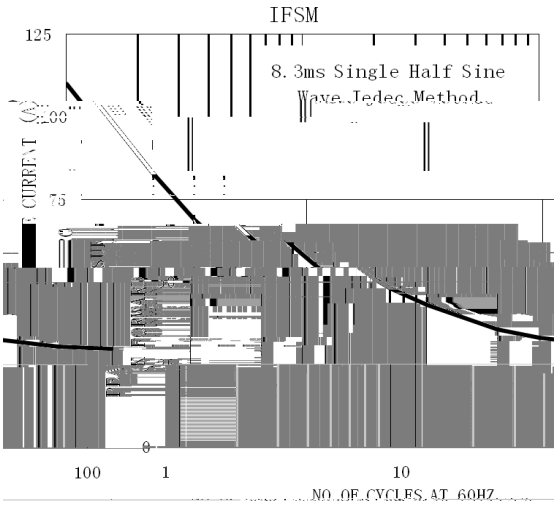
See Marking Instructions.

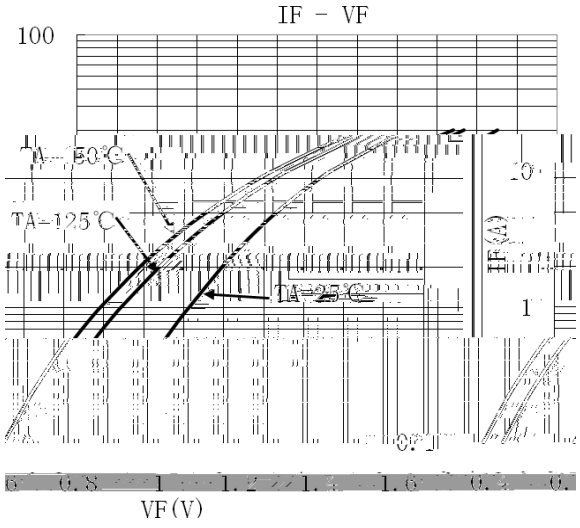
Rating	Unit
600	V
420	V
4	A
110	A
-55 150	
-55 150	
76	/W

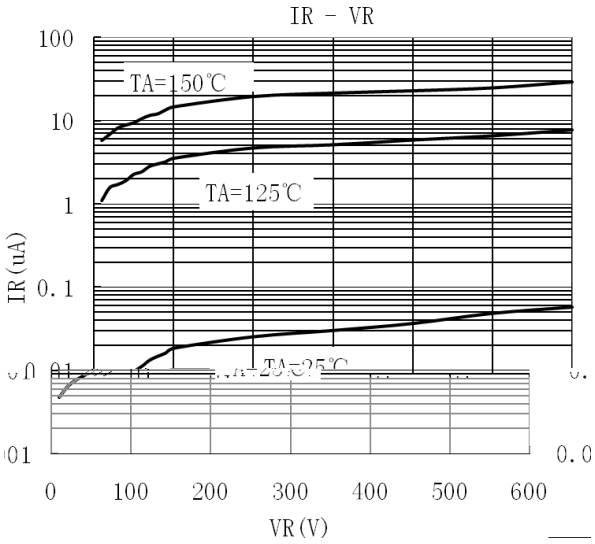
Rating	Unit
600	V
1.1	
0.85	
1.28	

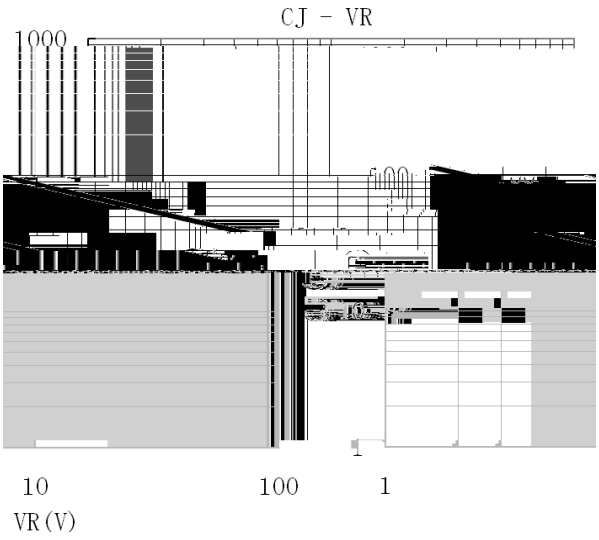
/ Electrical Characteristic Curve



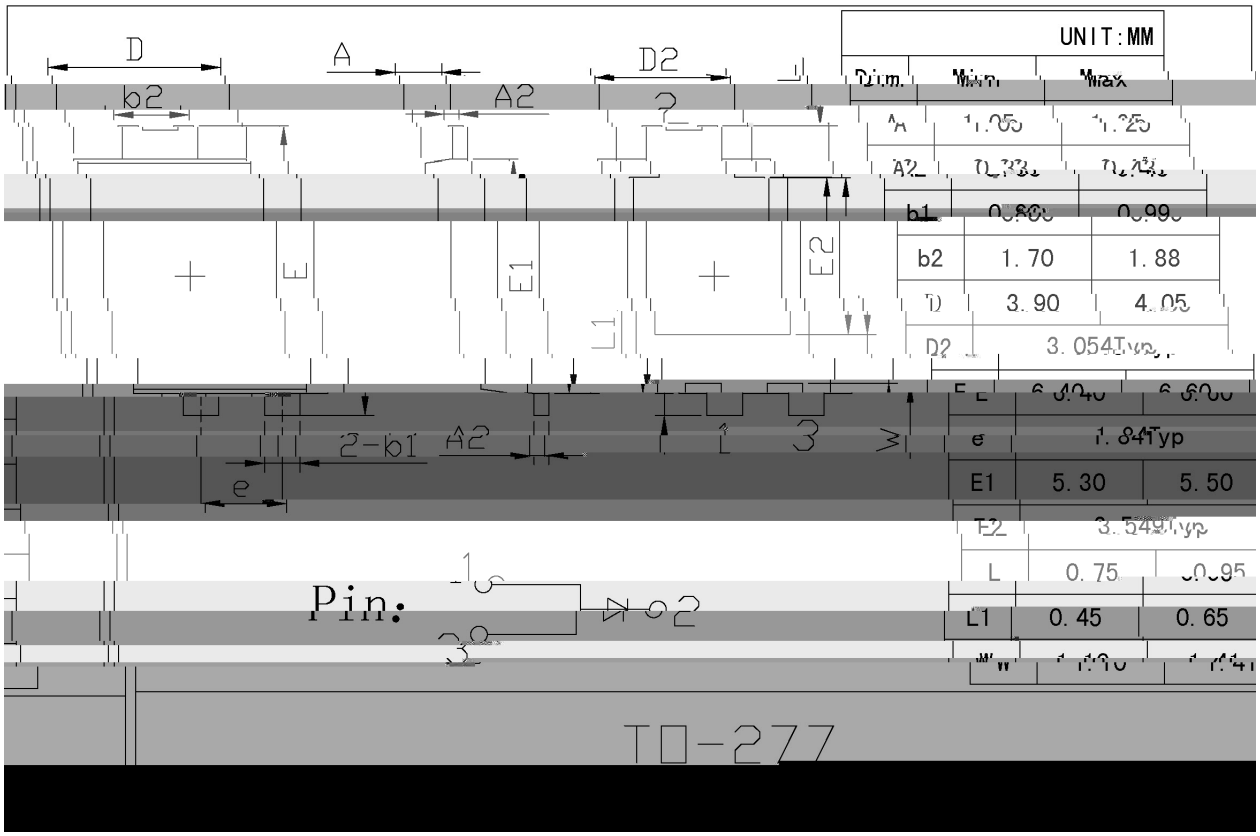




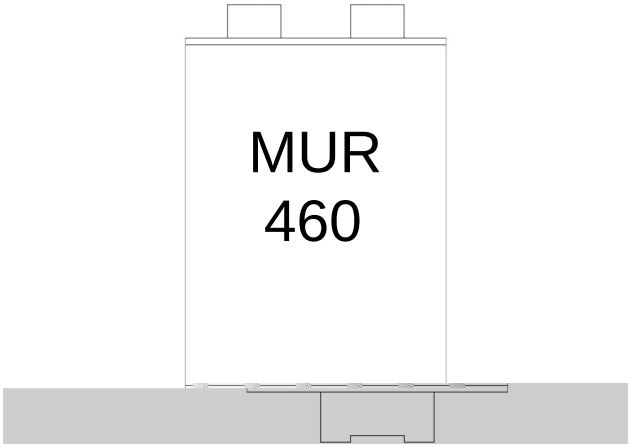




/ Package Dimensions



/ 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.