

# MUR460E

Rev.G Oct.-2018

## / Descriptions

TO-277

TO-277 Plastic package ultrafast recovery diode .

## / Features

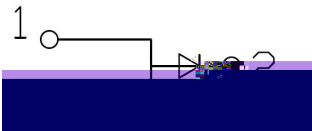
Silicon epitaxial process to produce ultrafast recovery diode with low reverse leakage current and high reliability. HF Product.

## / Applications

PFC

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

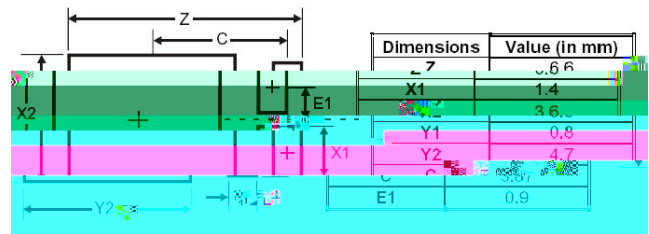
## / Equivalent Circuit



## / Pinning



PIN1 Anode PIN 2 Cathode PIN 3 Anode



Suggested Pad layout

## / h<sub>FE</sub> Classifications & Marking

See Marking Instructions.

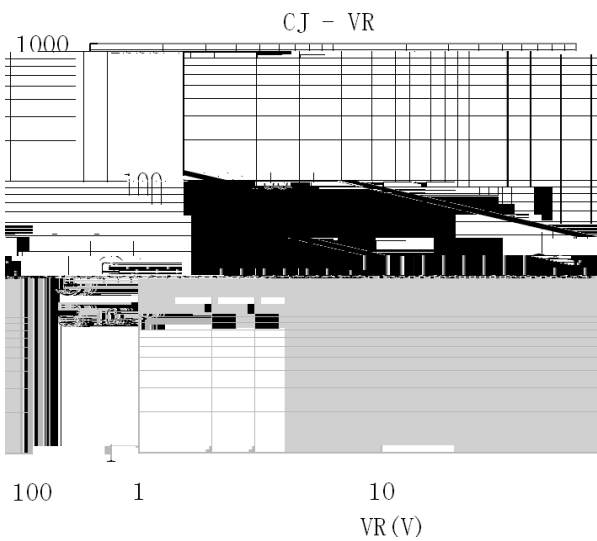
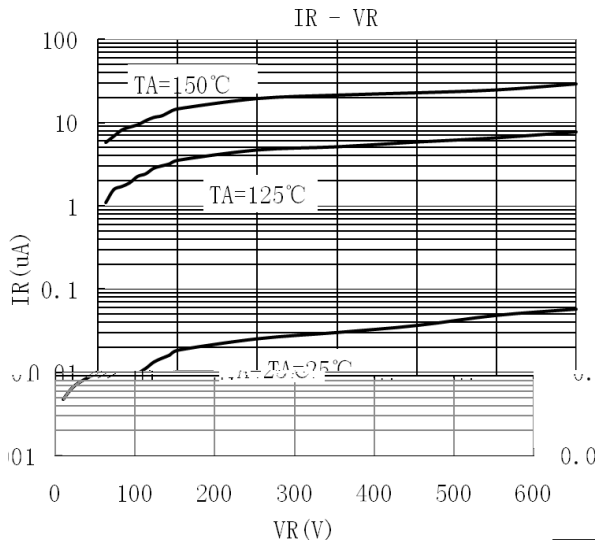
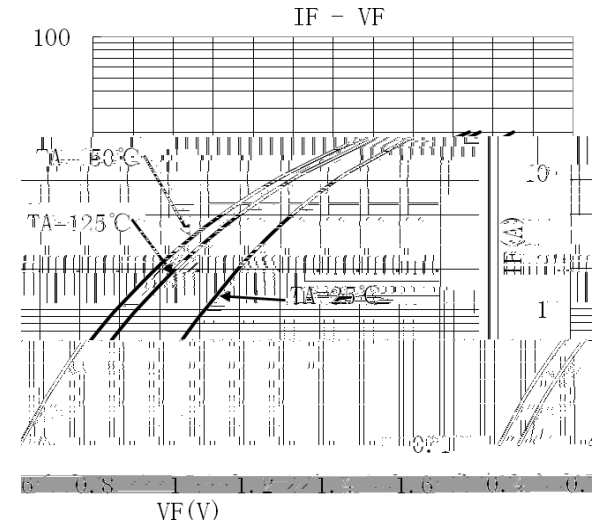
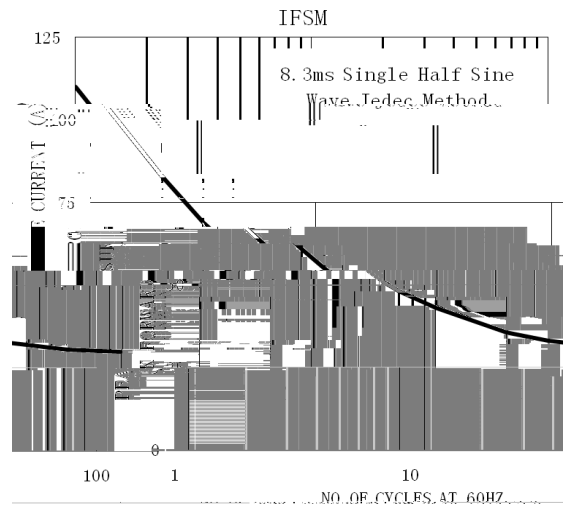
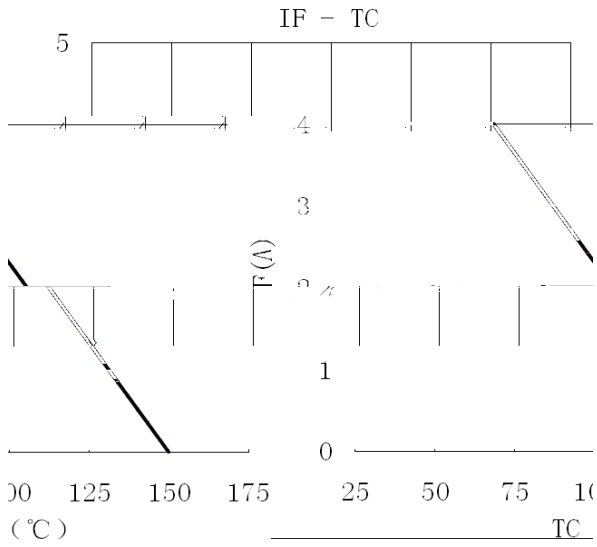


Rating	Unit
600	V
420	V
4	A
110	A
-55 150	
-55 150	
76	/W

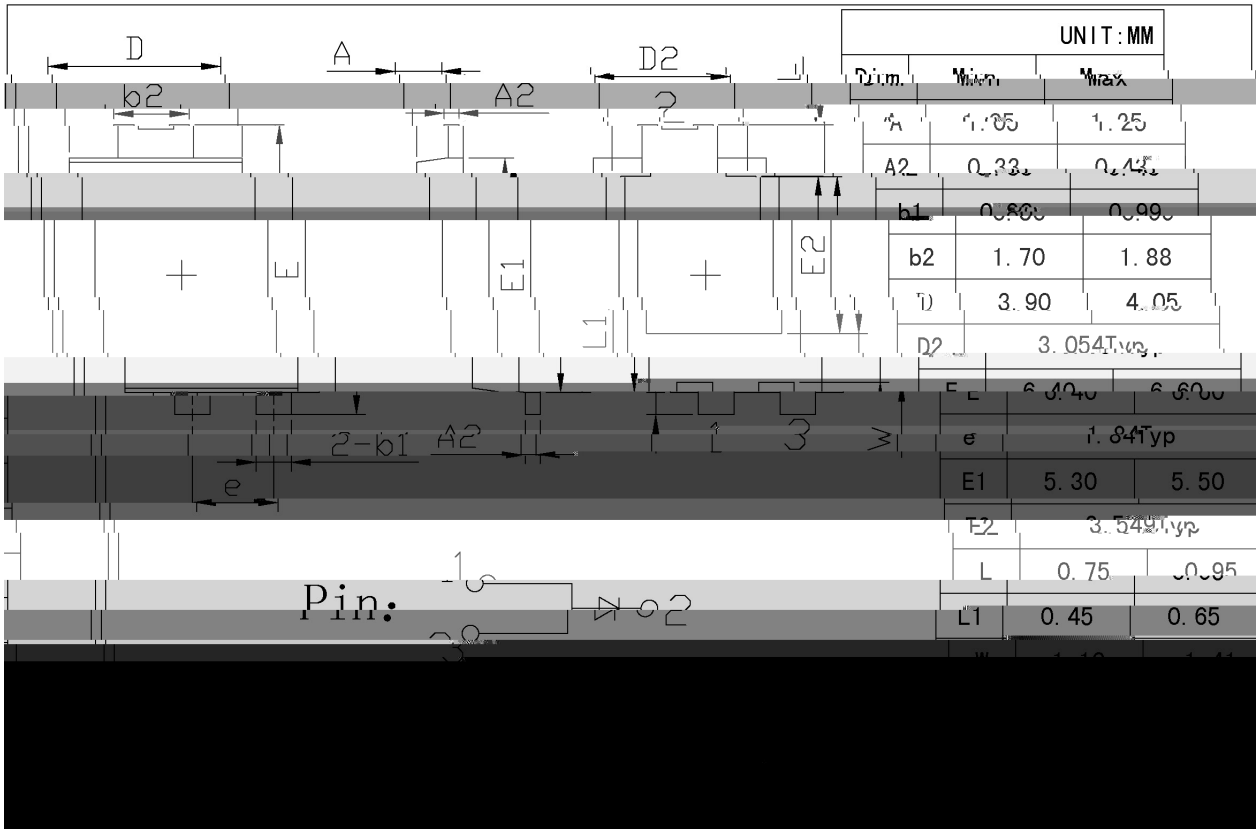
Rating	Unit
600	V
1.1	
0.85	
1.28	

(013)E10201R402E1028 3.48004394.08F)

**/ Electrical Characteristic Curve**



**/ Package Dimensions**



/ Marking Instructions



MUR460

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Note:

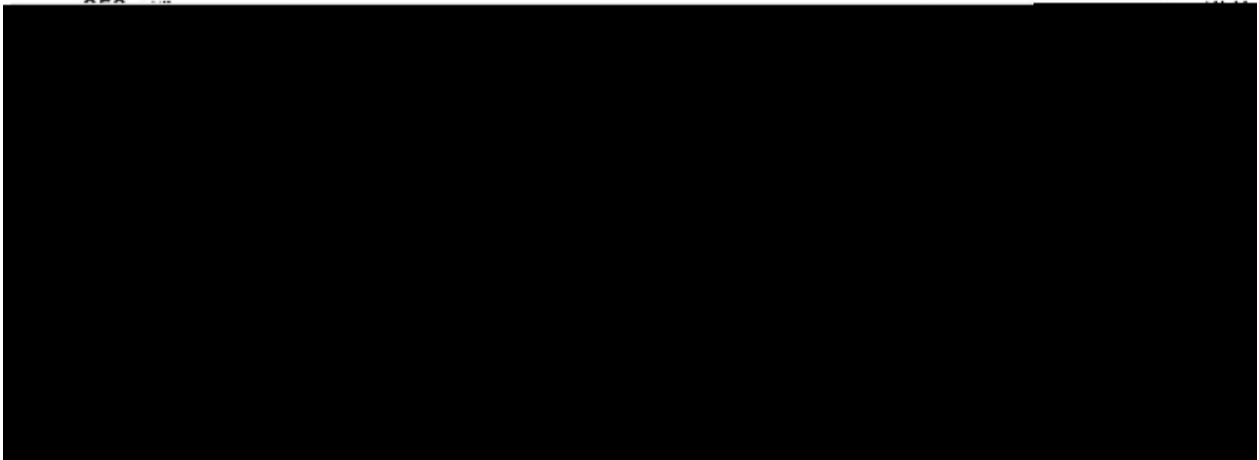
MUR460

\*\*\*\*:

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.