

## / Descriptions

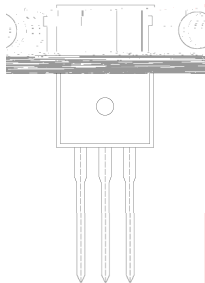
TO-220S

Ultrafast Recovery Diode in a TO-220S Plastic Package.

## / Features

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

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



PIN1 Anode

PIN 2 Cathode

PIN 3 Anode

PIN 4 NC

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

See Marking Instructions.

# MURJ2020CT

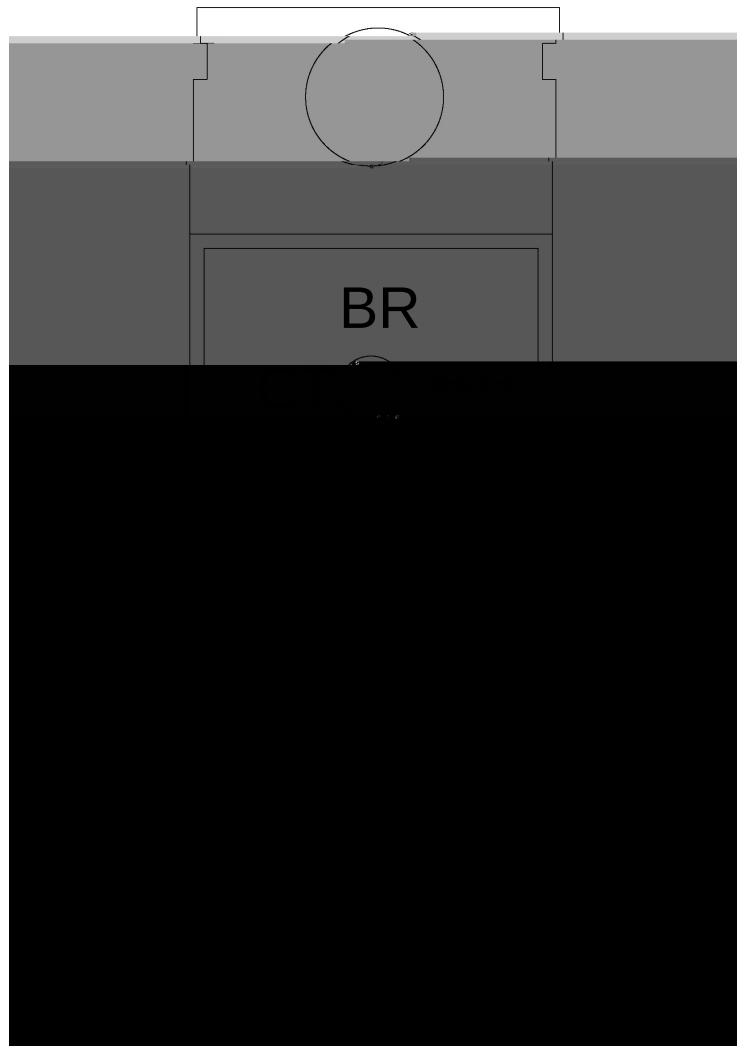
Rev.E Mar.-2016

| Parameter                       | Symbol    | Rating | Unit |
|---------------------------------|-----------|--------|------|
| Peak Repetitive Reverse Voltage | $V_{RRM}$ | 200    | V    |
| RMS Voltage                     | $V_{RMS}$ | 140    | V    |
| DC Blocking Voltage             | $V_{DC}$  |        |      |





/ Marking Instructions



BR

MURJ2020

CT:

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Note:

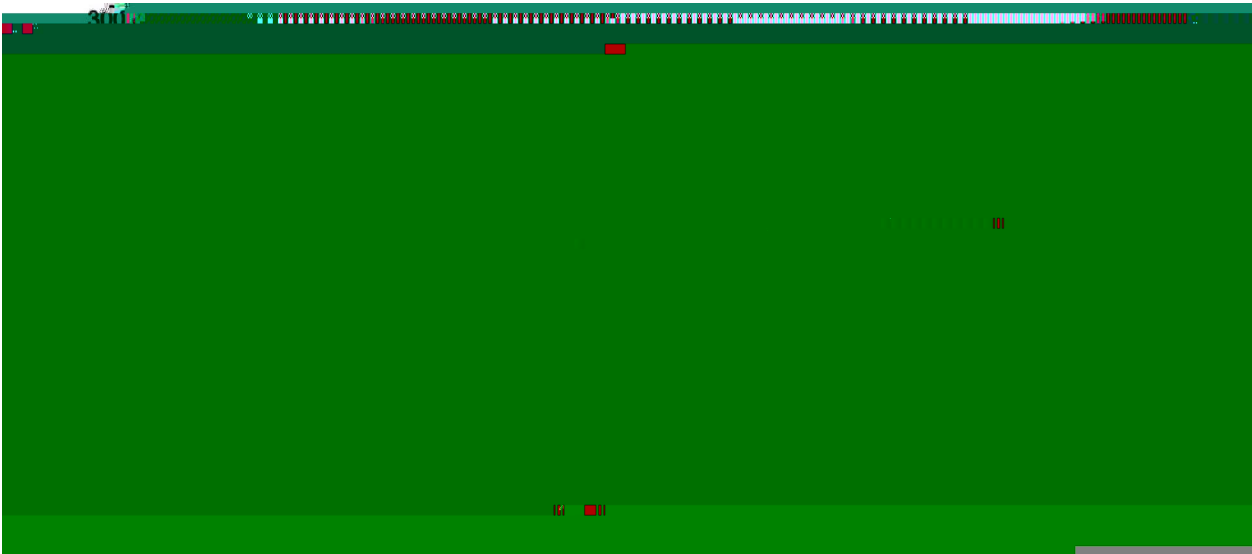
BR: Company Code

MURJ2020 Product Type.

CT: Internal Structure

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

(     ) / Temperature Profile for Dip Soldering(Pb-Free)



- 1

25    150

60    90sec;

2

255±5

5±0.5sec;

3

2    10    /sec.
- Note:  
1.Preheating:25~150    , Time:60~90sec.  
2.Peak Temp.:255±5    , Duration:5±0.5sec.  
3. Cooling Speed: 2~10    /sec.

/ Resistance to Soldering Heat Test Conditions

270±5                      10±1 sec.                      Temp.:270±5                      Time:10±1 sec

/ Packaging SPEC.

/ TUBE

| Package Type | Units            |                      |                      |                            |                      | Dimension    | (unit    mm <sup>3</sup> ) |
|--------------|------------------|----------------------|----------------------|----------------------------|----------------------|--------------|----------------------------|
|              | Units/Tube<br>/  | Tubes/Inner Box<br>/ | Units/Inner Box<br>/ | Inner Boxes/Outer Box<br>/ | Units/Outer Box<br>/ |              |                            |
| Tube         | In8T2BT/TT:0 T.e | 1.6629 0 T.e         | 1.6629 0 T.e         | 1.6629 0 T.e               | 1.6629 0 T.e         | 1.6629 0 T.e | 1.6629 0 T.e               |