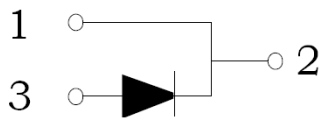


Ultrafast Recovery Diode in a TO-220AC Plastic Package.

Ultrafast recovery time, popular TO-220AC package, low forward voltage, low leakage current, reverse voltage to 600V.

These devices are intended for output rectifiers and flywheel diodes in a variety of high-frequency pulse-width modulated switching regulators. Their low stored charge and attendant fast reverse-recovery behavior minimize electrical noise generation and in many circuits markedly reduce the turn-on dissipation of associated power switching transistors.



PIN1 2 Cathode

PIN 3 Anode

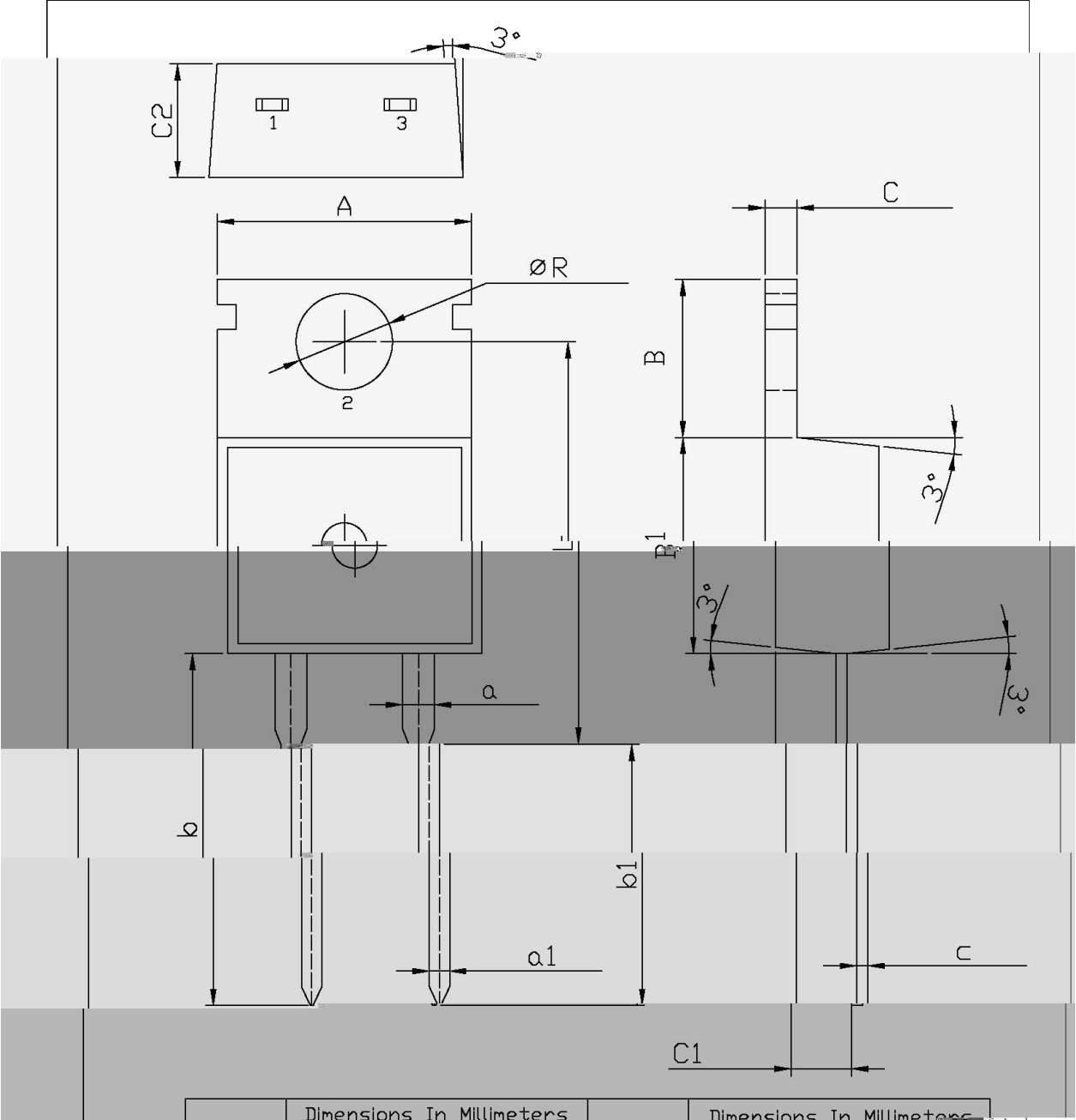
See Marking Instructions

| Parameter                       | Symbol    | Rating | Unit |
|---------------------------------|-----------|--------|------|
| Peak Repetitive Reverse Voltage | $V_{RRM}$ | 600    | V    |

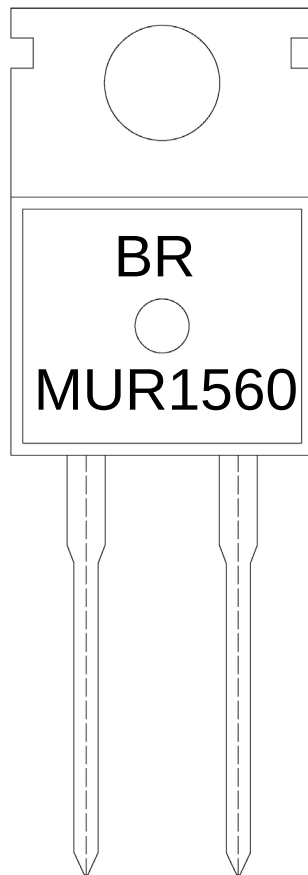


# TO-220AC

Unit:mm



| Dimensions In Millimeters |      |      | Dimensions In Millimeters |     |     |
|---------------------------|------|------|---------------------------|-----|-----|
| Symbol                    | Min  | Max  | Symbol                    | Min | Max |
| A <sub>1</sub>            | 9.8  | 10.2 | R <sub>1</sub>            | 6.3 | 6.7 |
| R                         | 3.56 | 3.64 | B1                        | 9.0 | 9.4 |



Note:

BR:

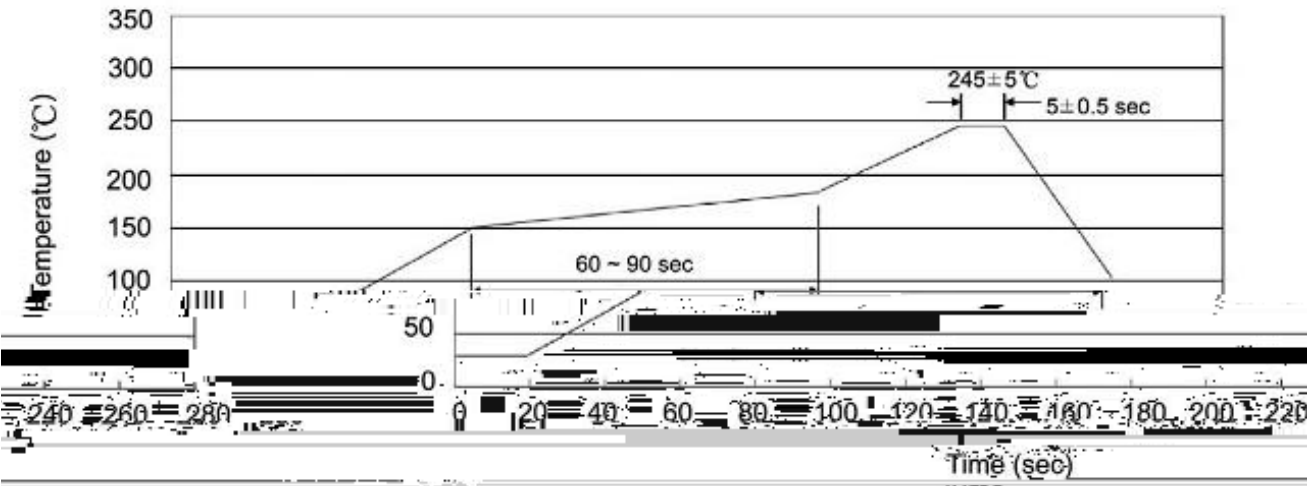
MUR1560

\*\*\*:

Company Code

Product Type.

Lot No. Code, code change with Lot No.



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

255 5

5 0.5sec;

2.Peak Temp.:255 5 , Duration:5 0.5sec.
- 3

2 10

/sec.

3. Cooling Speed: 2~10 /sec.

270 5

10 1 sec.

Temp.:270±5

Time:10±1 sec

/ BULK

| Package Type<br>封装形式 | Units 包装数量 |     |     |     |     | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |   |   |
|----------------------|------------|-----|-----|-----|-----|-----------------------------------------|---|---|
|                      | 只 袋        | 袋 盒 | 只 盒 | 盒 箱 | 只 箱 | 袋                                       | 盒 | 箱 |
|                      |            |     |     |     |     |                                         |   |   |

/ TUBE

| Package Type<br>封装形式 | Units 包装数量 |      |     |     |     | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |   |   |
|----------------------|------------|------|-----|-----|-----|-----------------------------------------|---|---|
|                      | 只 套管       | 套管 盒 | 只 盒 | 盒 箱 | 只 箱 | 套管                                      | 盒 | 箱 |
|                      |            |      |     |     |     |                                         |   |   |