



MUR220 THRU MUR260

Super Fast Recovery Rectifier

Features

- Ultrafast reverse recovery time
- Low leakage current
- Low switching losses, high efficiency
- High forward surge capability
- Glass passivated chip junction
- Solder dip 275 °C max. 7 s, per JESD 22-B106

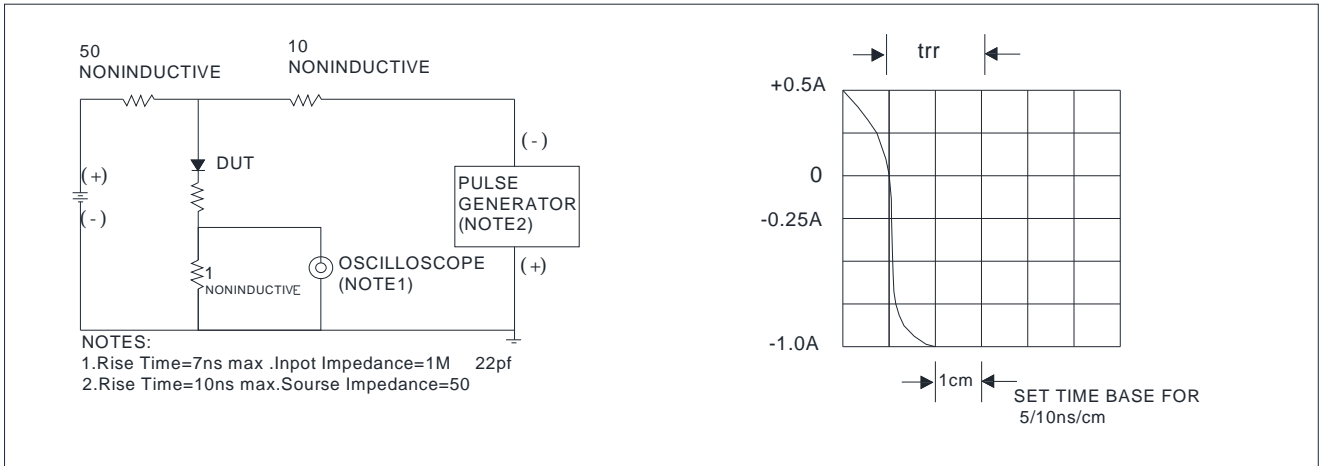
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|---|------------|--------|------------|----|----|
| | $F_{(AV)}$ | A | 2.0 | | |
| Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j=25$ | I_{FSM} | A | 60 | | |
| Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j=25$ | | | 120 | | |
| Current squared time @1ms t 8.3ms $T_j=25$ Rating of per diode | I^2t | A^2s | 15 | | |
| Typical junction capacitance @Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C | C_j | pF | 39 | 25 | 24 |
| Storage Temperature | T_{stg} | | -55 ~ +150 | | |
| Junction Temperature | T_j | | -55 ~ +150 | | |

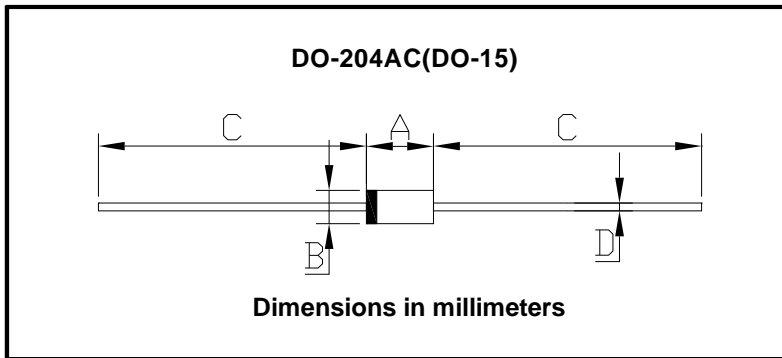


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FIG.5: Diagram of circuit and Testing wave form of reverse recovery time



Outline Dimensions



| DO-204AC(DO-15) | | |
|-----------------|------|------|
| Dim | Min | Max |
| A | 5.80 | 7.60 |
| B | 2.60 | 3.60 |
| C | 25.4 | / |
| D | 0.70 | 0.90 |



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