

Mechanical Dimensions

Description



33-501

Dimensions in inches and (millimeters)

Features

- ★ Low forward voltage drop
- ★ High current capability
- ★ High reliability
- ★ High surge current capability

Mechanical Data

- ★ Case: OFC Heat Sink
- ★ Encap: Epoxy Sealed Rated UL94V-0
- ★ Weight: 6.5 gram

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

| | SYMBOL | FTD23 | UNIT |
|--|----------|-------------|------|
| DC Reverse Voltage, VR | VR | 200 | V |
| Peak forward surge current 8.3ms single half sine wave | IFSM | 150 | A |
| Peak Rectifier Forward Current Alternator Rated Current | I(AV) | 7.5 | A |
| Maximum Inst. Forward Voltage Drop, IF at 80Amp | VF | 1.2 | V |
| Maximum DC Reverse Current (VB)@TJ=25 C (VB)@TJ=100°C | IR | 10 / 500 | uA |
| Operating Junction and Storage Temperature Range | TJ, TSTG | -40 to +155 | °C |