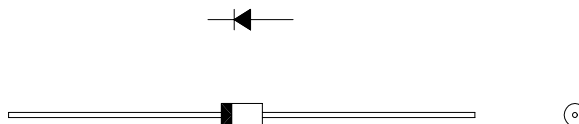


# DIODE    Type : 11E2

## OUTLINE DRAWING

### FEATURES

- \* Miniature Size
- \* Low Forward Voltage drop
- \* Low Reverse Leakage Current
- \* High Surge Capability
- \* 26mm and 52mm Inside Tape Spacing Package Available



### Maximum Ratings

Approx Net Weight:0.21g

| Rating                              | Symbol              | 11E2          |                                            |                                    | Unit |
|-------------------------------------|---------------------|---------------|--------------------------------------------|------------------------------------|------|
| Repetitive Peak Reverse Voltage     | V <sub>RRM</sub>    | 200           |                                            |                                    | V    |
| Non-repetitive Peak Reverse Voltage | V <sub>RSM</sub>    | 400           |                                            |                                    | V    |
| Average Rectified Output Current    | I <sub>O</sub>      | 1.0           | Ta=40°C                                    | 50Hz Half Sine Wave Resistive Load | A    |
| RMS Forward Current                 | I <sub>F(RMS)</sub> | 1.57          |                                            |                                    | A    |
| Surge Forward Current               | I <sub>FSM</sub>    | 45            | 50Hz Half Sine Wave,1cycle, Non-repetitive |                                    | A    |
| Operating JunctionTemperature Range | T <sub>jw</sub>     | - 40 to + 150 |                                            |                                    | °C   |
| Storage Temperature Range           | T <sub>stg</sub>    | - 40 to + 150 |                                            |                                    | °C   |

### Electrical • Thermal Characteristics

| Characteristics      | Symbol        | Conditions                                     | Min. | Typ. | Max. | Unit                 |
|----------------------|---------------|------------------------------------------------|------|------|------|----------------------|
| Peak Reverse Current | $I_{RM}$      | $T_j= 25^{\circ}\text{C}, V_{RM}= V_{RRM}$     | -    | -    | 50   | $\mu\text{A}$        |
| Peak Forward Voltage | $V_{FM}$      | $T_j= 25^{\circ}\text{C}, I_{FM}= 1.0\text{A}$ | -    | -    | 1.0  | V                    |
| Thermal Resistance   | $R_{th(j-a)}$ | Junction to Ambient                            | -    | -    | 120  | $^{\circ}\text{C/W}$ |

11E2 OUTLINE DRAWING (Dimensions in mm)

