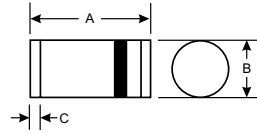


Features

- For general applications
- Low turn-on voltage
- PN junction guard ring



| | Min | Max |
|----------------------|------|------|
| A | 3.4 | 3.6 |
| B | 1.40 | 1.50 |
| C | 0.20 | 0.40 |
| All dimensions in mm | | |

Mechanical Data

- Glass case
- Weight: 0.05g (approx)

Maximum Ratings @ $T_A = 25^\circ\text{C}$ unless otherwise specified

| Characteristic | Symbol | Value | Unit |
|---|-----------|-------------|------------------|
| Continuous reverse voltage | V_R | 30 | V |
| Forward continuous current* | I_F | 200 | mA |
| Peak forward current * | I_{FM} | 300 | mA |
| Surge forward current* @ $t_p = 1\text{s}$ | I_{FSM} | 600 | mA |
| Power dissipation* @ $T_A = 65^\circ\text{C}$ | P_{tot} | 250 | mW |
| Junction temperature | T_j | 125 | $^\circ\text{C}$ |
| Operating temperature range | T_A | -65 to +125 | $^\circ\text{C}$ |
| Storage temperature range | T_{STG} | -65 to +150 | $^\circ\text{C}$ |

Electrical Characteristics @ $T_j = 25^\circ\text{C}$ unless otherwise specified

| Characteristic | Symbol | Min | Typ | Max | Unit |
|--|-------------|-----|-----|-----|------|
| Reverse breakdown voltage 10 μA pulses | $V_{(BR)R}$ | 30 | — | — | V |

* Valid provided that electrodes are kept at ambient temperature.