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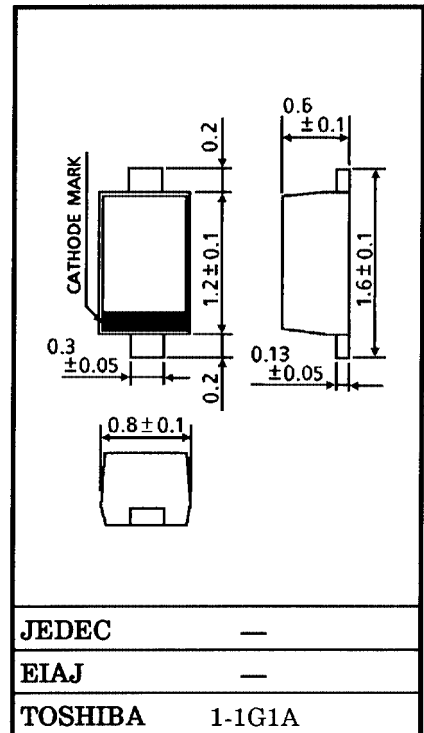
Useful for VCO/TCXO

- Small Package
- High Capacitance Ratio: $C_{1V}/C_{4V} = 3.75$ (typ.)
- Low Series Resistance : $r_s = 0.45 \Omega$ (typ.)

Maximum Ratings (Ta = 25°C)

| Characteristics | Symbol | Rating | Unit |
|---------------------------|-----------|---------|------|
| Reverse voltage | V_R | 10 | V |
| Junction temperature | T_j | 125 | °C |
| Storage temperature range | T_{stg} | -55~125 | °C |

Unit in mm



Weight 0.0014 g

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• The information contained herein is subject to change without notice.

Electrical Characteristics (Ta = 25°C)

| Characteristics | Symbol | Test Condition | Min | Typ. | Max | Unit |
|-------------------|-----------------|--|------|------|------|----------|
| Reverse voltage | V_R | $I_R = 1 \mu\text{A}$ | 10 | — | — | V |
| Reverse current | I_R | $V_R = 10 \text{ V}$ | — | — | 3 | nA |
| Capacitance | C_{1V} | $V_R = 1 \text{ V}, f = 1 \text{ MHz}$ | 17 | 18 | 19 | pF |
| | C_{4V} | $V_R = 4 \text{ V}, f = 1 \text{ MHz}$ | 4.25 | 4.8 | 5.43 | |
| Capacitance ratio | C_{1V}/C_{4V} | — | 3.5 | 3.75 | — | — |
| Series resistance | r_s | $V_R = 1 \text{ V}, f = 470 \text{ MHz}$ | — | 0.45 | 0.7 | Ω |

Marking

