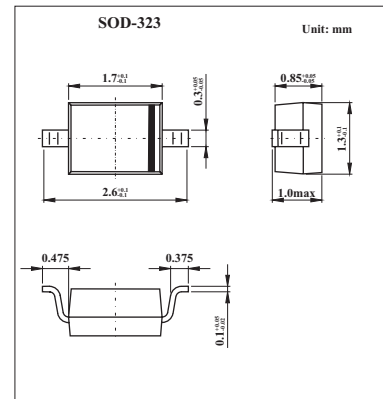


# 1SV229

■ Features

- Ultra low series resistance:  $r_s = 0.2 \Omega$  (typ.)
- Useful for small size set



■ Absolute Maximum Ratings  $T_a = 25^\circ\text{C}$

| Parameter                 | Symbol    | Value       | Unit             |
|---------------------------|-----------|-------------|------------------|
| Reverse Voltage           | $V_R$     | 15          | V                |
| Junction Temperature      | $T_j$     | 125         | $^\circ\text{C}$ |
| Storage Temperature Range | $T_{stg}$ | -55 to +125 | $^\circ\text{C}$ |

■ Electrical Characteristics  $T_a = 25^\circ\text{C}$

| Parameter         | Symbol           | Conditions                           | Min | Typ | Max | Unit     |
|-------------------|------------------|--------------------------------------|-----|-----|-----|----------|
| Reverse Voltage   | $V_R$            | $I_R = 1 \mu\text{A}$                | 15  |     |     | V        |
| Reverse Current   | $I_R$            | $V_R = 15\text{V}$                   |     |     | 3   | nA       |
| Capacitance       | $C_{2V}$         | $f = 1\text{MHz}; V_R = 2\text{V}$   | 14  | 15  | 16  | pF       |
|                   | $C_{10V}$        | $f = 1\text{MHz}; V_R = 10\text{V}$  | 5.5 | 6   | 6.5 |          |
| Capacitance Ratio | $C_{2V}/C_{10V}$ |                                      | 2   | 2.5 |     |          |
| Series Resistance | $r_s$            | $V_R = 5\text{V}, f = 470\text{MHz}$ |     | 0.2 | 0.4 | $\Omega$ |

■ Marking

|         |    |
|---------|----|
| Marking | T8 |
|---------|----|