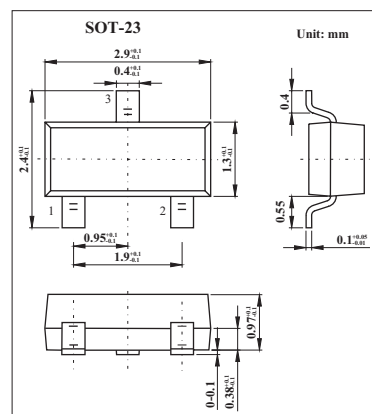


1SV251

■ Features

- Small-sized package facilitates high-density mounting and permits 1SV251-applied equipment to be made smaller.
- Small interterminal capacitance (C=0.23pF typ).
- Small forward series resistance (rs=4.5 Ω max).



■ Absolute Maximum Ratings Ta = 25 °C

| Parameter | Symbol | Value | Unit |
|-----------------------------|------------------|-------------|------|
| Reverse voltage | V _R | 50 | V |
| Forward current | I _F | 50 | mA |
| Allowable power dissipation | P | 150 | mW |
| Junction temperature | T _j | 125 | °C |
| Storage temperature | T _{stg} | -55 to +125 | °C |

■ Electrical Characteristics Ta = 25 °C

| Parameter | Symbol | Conditions | Min | Typ | Max | Unit |
|---------------------------|----------------|------------------------------------|-----|------|-----|------|
| Reverse voltage | V _R | I _R = 10 μ A | 50 | | | V |
| Reverse current | I _R | V _R = 50 V | | | 0.1 | μ A |
| Forward Voltage | V _F | I _F = 50 mA | | 0.92 | 4.5 | V |
| Interterminal Capacitance | C | V _R = 50 V, f = 1 MHz | | 0.23 | | pF |
| Series Resistance | r _s | I _F = 10 mA, f = 100MHZ | | | | Ω |

Note: The specifications shown above are for each individual diode.

■ Marking

| | |
|---------|----|
| Marking | GV |
|---------|----|