SILICON EPITAXIAL PLANAR DIODE

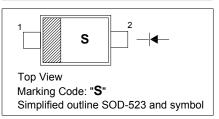
Band Switching Diode

Applications

- For VHF tuner band RF attenuator
- AGC for FM tuner

PINNING

| PIN | DESCRIPTION |
|-----|-------------|
| 1 | Cathode |
| 2 | Anode |



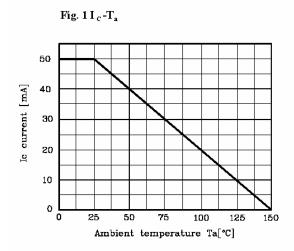
Absolute Maximum Ratings ($T_a = 25$ °C)

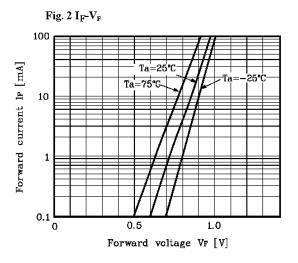
| Parameter | Symbol | Value | Unit | |
|---------------------------|----------------|---------------|------|--|
| Reverse Voltage | V_R | 50 | V | |
| Forward Current | I _F | 50 | mA | |
| Junction Temperature | T _j | 150 | °C | |
| Storage Temperature Range | Ts | - 55 to + 150 | °C | |

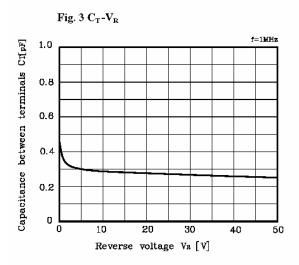
Characteristics at T_a = 25 °C

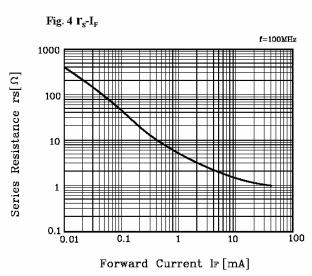
| Parameter | Symbol | Min. | Тур. | Max. | Unit |
|---|----------------|------|------|------|------|
| Reverse Voltage at $I_R = 10 \mu A$ | V _R | 50 | - | - | V |
| Reverse Current at V _R = 50 V | I _R | - | - | 0.1 | μΑ |
| Total Capacitance at $V_R = 50 \text{ V}$, $f = 1 \text{ MHz}$ | Ст | - | 0.25 | - | pF |
| Series Resistance at I _F = 5 mA, f = 100 MHz | r _s | - | 1.5 | - | Ω |













PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-523

