

SEMITRONICS CORP.

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SES SP49X12
 Beam Lead Pin Diode

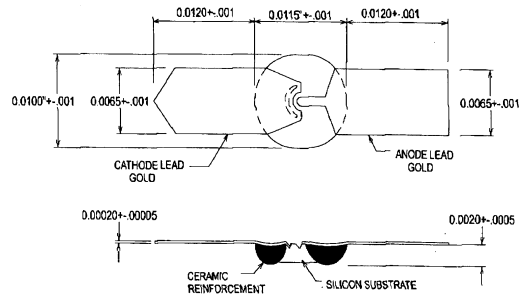
FEATURES

- Beam Lead Package
- Fast Switching
- Low Insertion Loss
- Low Resistance
- High Isolation

APPLICATIONS

- Switches
- Attenuators
- Limiting Phase Shifting

PACKAGE



ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Voltage V_R @ $I_R = 10\mu A$ (Volts)	Capacitance MAX C_T @ $V_R = 10 V$ $F = 1 MHz$ (pF)	Maximum Series Resistance R_S @ $I_f = 10mA$ $F = 1 GHz$ (Ohm-Max)	TL Maximum @ $I_f = 10 mA$ $I_R = 6 mA$ (nS)
SP49X12	30	0.12	1.7	40

Operating Temperature -65°C to +150°C
 Storage Temperature -65°C to +150°C
 Power Dissipation (PD) 250 mW