

# SEMITRONICS CORP.

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**SES SP49X12**  
 Beam Lead Pin Diode

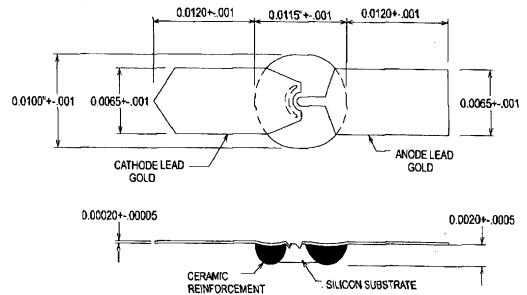
## FEATURES

- 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