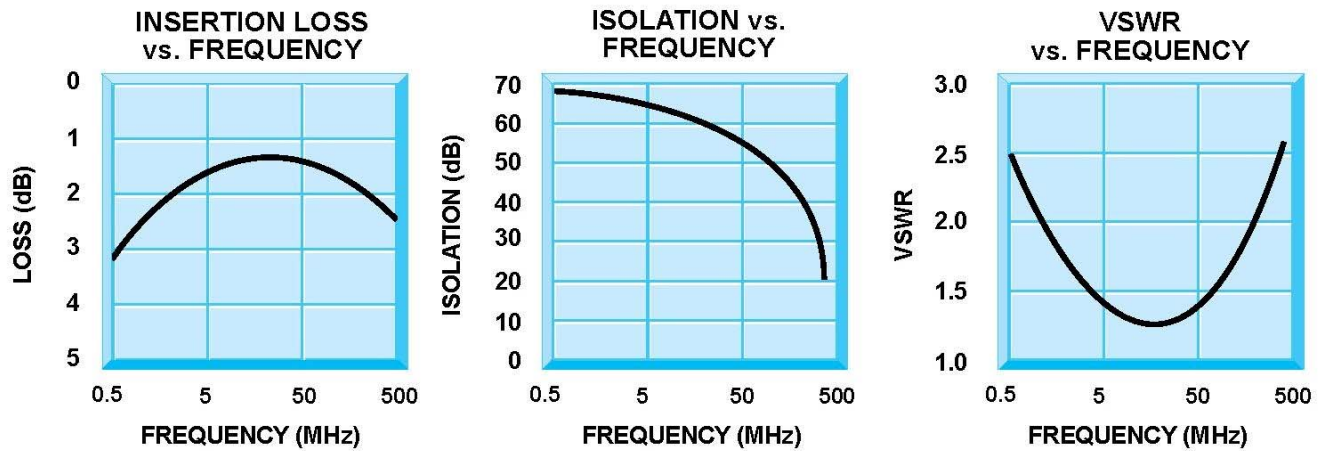


# ISD-9900 Series (SPST)

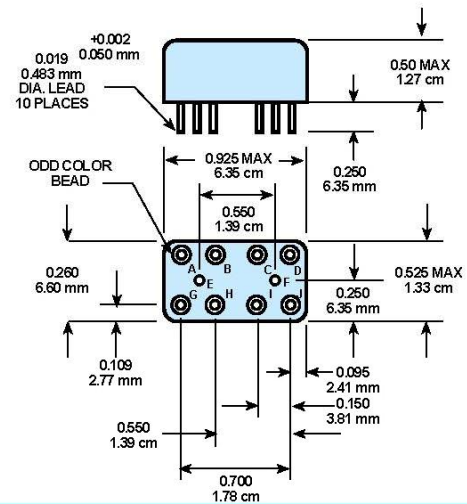
## Balanced Pin Diode Switches with Integral Drivers



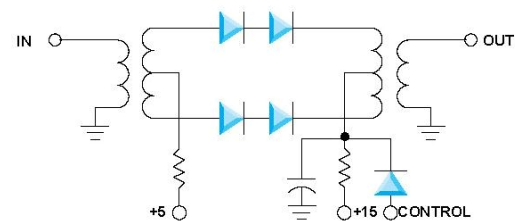
### Guaranteed Specifications (-54° to +85°C)

Frequency Ranges	2 to 100 MHz 20 to 400 MHz
Isolation	45 dB Min.
Insertion Loss	2.0 dB Min.
VSWR	1.5:1 Max.
Switching Speed	20 nanoseconds
Impedance	50 Ohms
DC Power Requirement	+15 Volts at 15 mA +5 at 50 mA
Control TTL Logic Level	(on state selected by logic high level)
Transient Feedthrough	<150 mV Peak
ISD-9901	2-100 MHz
ISD-9902	20-400 MHz

### Mechanical Outline



### Functional Schematic



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