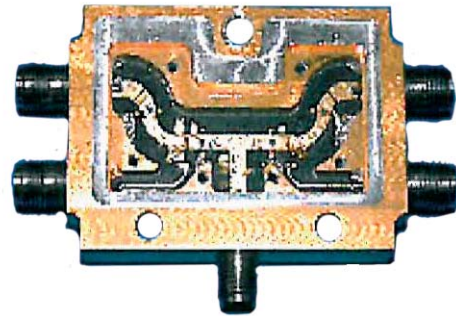


# HIGH POWER MICROWAVE SP2T SWITCH MODEL T-ISLT-2-2134

## TECHNICAL FEATURE

### Features

- Miniature Hermetic Construction
- Low Loss



### Performance

Frequency Range.....	0.5 to 1.0 GHz
Insertion Loss .....	0.8 dB max
Isolation.....	25 dB min.
Operating Power .....	200 mW
Switching Speed.....	1 us max
Control .....	Bipolar Bias
.....	70 mA forward,
.....	10V reverse
Power Supply .....	+30, -5VDC
Connectors .....	SMA Female
Size .....	2" x 1.8" x 1.05" max
Mounting Temperature .....	+50°C max

### Description

The T-ISLT-2-2134 is a PIN diode switch for UHF applications. The device operates with an external driver supplied by the customer. The switch offers high isolation and termination for the non-selected port.

This switch is suitable for signal control applications including ECM and communications transmitters. This might apply as a transmit/receive switch or selection between bands of signal sources or antennas.

The T-ISLT-2-2134 represents just one example of the extensive design capability of the recently initiated control device product line at Olektron. Please contact Olektron with your custom requirements.