

Description

Mi-Wave's 912 Series SP2T Switch

Notes

1) Case temperature of SP2T should never exceed +45°C2) Reverse Biasing will destroy Switch (Warranty Void)3) Warranty Void if VDC, TTL and/or RF Input Power exceeds maximum rating specified above4) Do NOT exceed +5V for Logic High on all TTL pins.

S/N: NA

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	75 GHz		110 GHz
Insertion Loss		4 dB	
Isolation		30 dB	
Rise Time/ Fall Time		10 nS	
Switching Speed		50 ns	
DC Bias		+6V @ 25 mA	12 V
TTL Control		Logic 0 - J1 Low Loss	
		Logic 1 - J2 Low loss	+5V max for TTL High
Maximum RF Input Power (CW)			23 dBm

Physical Specifications

Input Port	WR-10 Waveguide, UG-387/U-M Flange
Output Port	WR-10 Waveguide, UG-387/U-M Flange
Bias	Solder Pins
TTL port	SMA-F
Case Material	Aluminum
Finish	Gold Plated



Tested by: Lokesh Saggam

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