

Description

Mi-Wave's 914 Series SP4T Switch

Notes

1) Case temperature of SP4T 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	60 GHz		90 GHz
Insertion Loss		6.5 dB	
Isolation		30 dB	
Switching Speed		30 ns	
Bias Voltage		8 Volts	
Truth Table:			
J1		00	
J2		01	
J3		10	
J4		11	
Power Handling			23 dBm

Physical Specifications

Input Port	WR-12 Waveguide, UG-387/U Flange
Output Port	WR-12 Waveguide, UG-387/U Flange
Bias	Solder Pins
TTL port	SMA-F
Case Material	Aluminum
Finish	Gold Plated
Weight	2 oz



Tested by: Lokesh Saggam

Date: 2020-10-14