

**Description**

Mi-Wave's 911 Series SPST Switch

**Notes**

1) Case temperature of SPST 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	50 GHz		75 GHz
Insertion Loss		3 dB	
Isolation		30 dB	
Switching Speed		50 nS	
Rise/Fall Time		10 nS	
DC Bias		+6V @ 25 mA	12 V
TTL Control		Logic 0 (0 V) Low Loss	
		Logic 1 (+5V) Isolation	
		+5V max for TTL High	
Maximum RF Input Power (CW)			23 dBm

**Physical Specifications**

Input Port	WR-15 Waveguide, UG-385/U-M Flange
Output Port	WR-15 Waveguide, UG-385/U-M Flange
Bias	Solder Pins
TTL port	SMA-F
Case Material	Aluminum
Finish	Gold Plated

Tested by: Lokesh Saggam

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