

RF SWITCH(SP4T)

PART NO. : WV-SP4T-L-S-01

◆ APPLICATION

> DC ~ 18GHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range(GHz)	DC ~ 18
Insertion Loss(Max)	0.4dB @ +25°C
Return Loss(Min)	15.0dB
Isolation (Min)	70dB
Power (CW Max)	25W
Actuation Voltage	12VDC(10%)
Actuation Current	450mA
In/Out Impedance	50 Ohms Nominal
Actuation	TTL Latching
Switching Time	15mS
Operating Life	1,000,000 Cycles
Option	RF Term.

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-25°C to +75°C
Storage Temperature Range	-55°C to +85°C
RF Contacts	Break before make

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◆ Interface (D-SUB 9PIN Female)

Pin No.	Application	Remark
1	TTL	J1-COM
2	TTL	J2-COM
3	TTL	J3-COM
4	TTL	J4-COM
5	N/C	
6	N/C	
7	N/C	
8	N/C	
9	+12VDC	

TTL : +5Vdc(50ms min)

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	Note
Dimension	55.0 x 51.1 x 55.0 Max (Unit:mm)	
Mounting Points	See Outline Drawing	
RF Connector	SMA Female Connector	
Connector Position	See Outline Drawing	

◆ OUTLINE DRAWING

