

RF SWITCH(SP7T)

PART NO. : WV-SP7T-L-N-01

◆ APPLICATION

> 1.5MHz~30MHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range(MHz)	1.5 ~ 30
Insertion Loss(Max)	0.2dB @ + 25°C
Return Loss(Min)	25.0dB
Isolation (Min)	80dB
Power (CW Max)	2K W
Actuation Voltage	24VDC(10%)
In/Out Impedance	50 Ohms Nominal
Actuation	TTL Latching
Switching Time	15mS
Operating Life	1,000,000 Hours
Pulse width	50mS Min

◆ 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 1	J1-COM
2	TTL 2	J2-COM
3	TTL 3	J3-COM
4	TTL 4	J4-COM
5	TTL 5	J5-COM
6	TTL 6	J6-COM
7	TTL 7	J7-COM
8	GND	
9	+12VDC	
TTL : +5Vdc(50ms min)		

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	68.0 x 68.0 x 58.4 Max (Unit:mm)
Mounting Points	See Outline Drawing
RF Connector	N Female Connector
Connector Position	See Outline Drawing

◆ OUTLINE DRAWING

