

RF Switch(SPDT)



WV-SPDT-F-S-06

Product Feature

- High Reliability
- RoHS Compliant
- DC ~ 26.5GHz Band System

Electrical Specifications

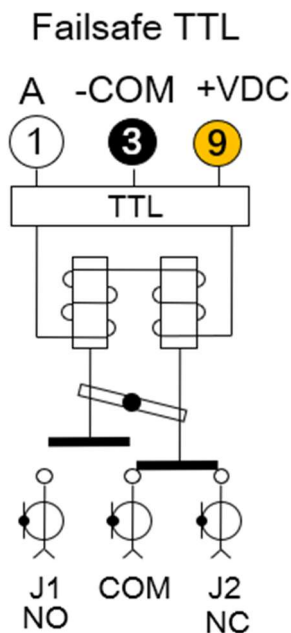
Frequency Range	DC ~ 6GHz	6 ~ 12GHz	12 ~ 18GHz	18 ~ 26.5GHz
Insertion Loss	0.2dB Max	0.25dB Max	0.4dB Max	0.6dB Max
VSWR	1.2:1 Max	1.3:1 Max	1.4:1 Max	1.6:1 Max
Isolation	70dB Min	70dB Min	60dB Min	55dB Min
Power Handling	80W Max	65W Max	50W Max	30W Max
Power Supply Voltage	Part Number : WV-SPDT-F-S-06-N1 : +12V Part Number : WV-SPDT-F-S-06-N2 : +24V Part Number : WV-SPDT-F-S-06-N3 : +28V			
Power Supply Current	200mA @ +12V 104mA @ +24V 96mA @ +28V			
In/Out Impedance	50 ohms Nominal			
Operating Mode	Failsafe			
Switching Time	15mS			
Operating Life	1,000,000 Hours			
Special Options	DB15(D-SUB); TTL control logic			

Environmental Specifications

Operating Temperature Range	-25°C to +65°C
RF Contacts	Break before make

RF Switch(SPDT)

ELECTRICAL SCHEMATIC



Interface(D-SIB-9PIN)

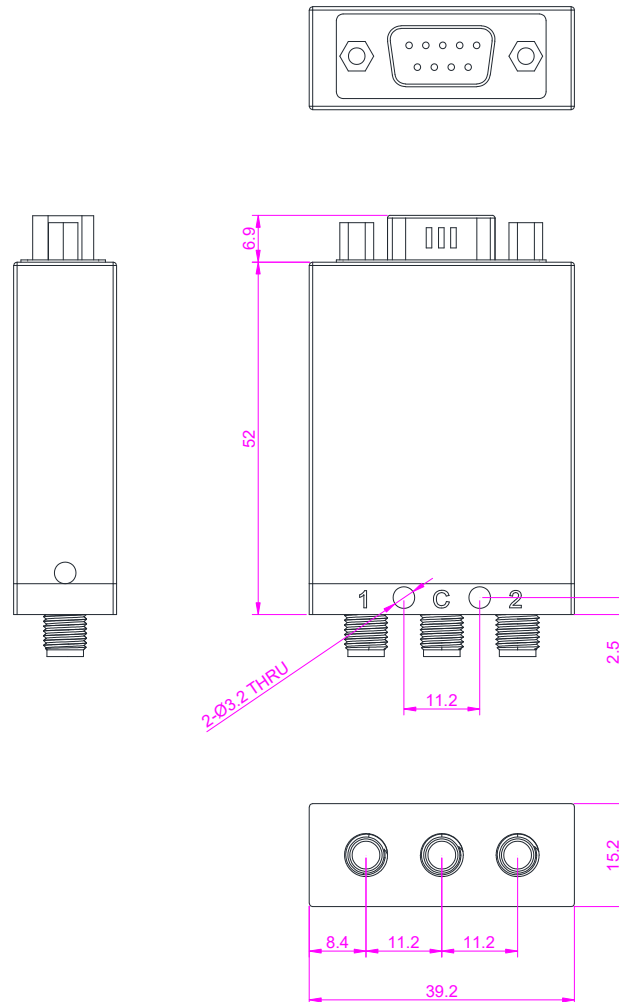
1	A1
2	UNUSED
3	COM-
4-8	UNUSED
9	+VDC

Mechanical Specifications

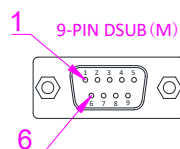
Dimension	39.2 x 15.2 x 52.0 (Unit:mm)
Mounting Points	See Outline Drawing
RF Connector	SMA Female Connector
Connector Position	See Outline Drawing

RF Switch(SPDT)

Outline Drawing



H = 52mm(max)



Dsub arrangements

**NOTE: (1) TTL logic input A(n): low "0" = 0.0V - 0.8V; high "1" = 2.4V - 5.5V.
(2) +VDC = +Rated Voltage.**