

RF SWITCH(SPDT)

PART NO. : WV-SPDT-F-C-01

◆ APPLICATION

> 0.7 ~ 2.8GHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	0.7 ~ 2.8GHz
Insertion Loss	0.2dB Max
Return Loss	20.0dB Min
Isolation	80dB
Power	200W CW Max
Actuation Voltage	20 ~ 32VDC
Actuation Current	150mA @32VDC
In/Out Impedance	50 Ohms Nominal
Intermodulation	-160dBc Min(-165dBc Typ.) @ 2-tone 43dBm Input
Actuation	Fail Safe
Switching Time	20mS
Operating Life	1,000,000 Cycles

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +85°C
RF Contacts	Break before make
Control Cable	Cable Harness (800mm)

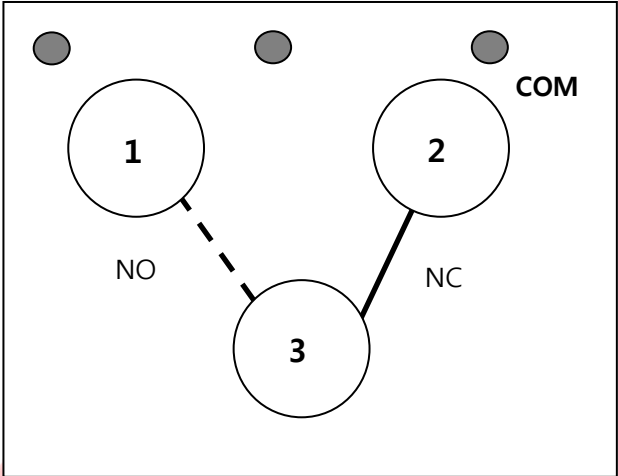
RF SWITCH(SPDT)

◆ INTERFACE (Cable Harness)

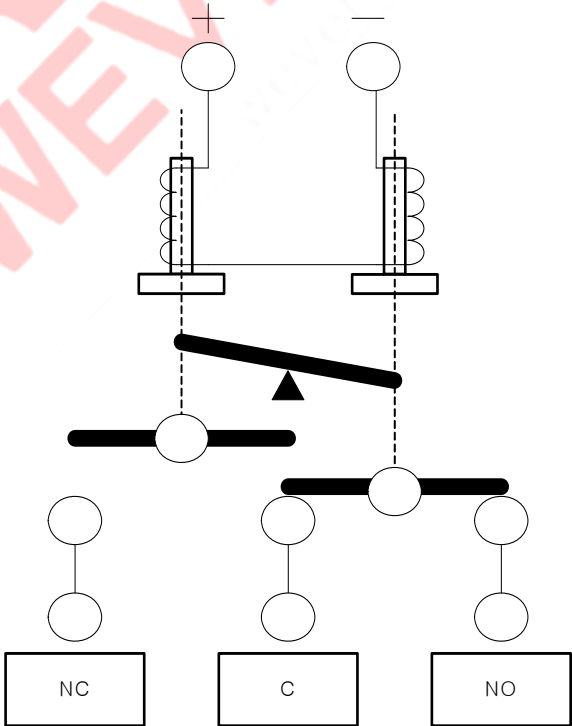
Pin No.	Description	Remark
PIN 1	RED	+20~32Vdc
PIN 2	BLACK	GND

◆ INTERFACE RF LINE

	ENGZ	DE-ENGZ(PINS)
OPEN	1-3	2-3
CLOSE	2-3	1-3



◆ WIRING DIAGRAM



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MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	53.0 x 53.7 x 37.99 Max (Unit:mm)
Mounting Points	See Outline Drawing
RF Connector	N Female Connector
Connector Position	See Outline Drawing

OUTLINE DRWAING

