

NMS12S

DC~16GHz, SP11T~SP12T

Features:

- * Low VSWR
- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency: DC~16GHz
Impedance: 50Ω

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC-6	0.3	70	1.3
6-12	0.4	60	1.4
12-16	0.6	50	1.6

Voltage*1 (V)	12	24	28
Current (mA)	Normally Open	300	150
		140	

[1] The voltage can be selected according to user requirements.

Mechanical

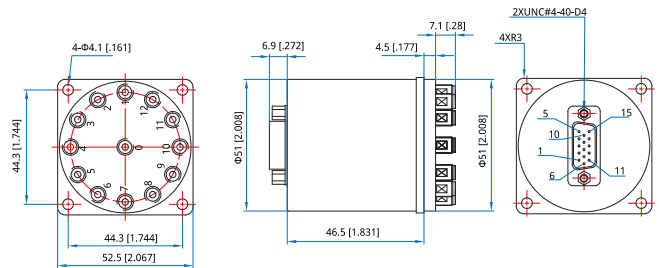
Size*2:	52.5*52.5*46.5mm 2.067*2.067*1.831in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	30G, 1/2sine, 11mS
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	D-Sub 15/D-Sub 26/J30J-31core
Mounting:	4-Φ4.1mm through-hole

[2] Exclude connectors.

Environmental

Temperature:	-25~+65°C
Extended Temperature:	-45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.00in]

Additional Options

TTL: T
Indicators: I
Extended Temperature: Z
Positive Common
Waterproof Sealing Type

How To Order

NMS12S-F-WXYZ

F: Frequency in GHz
W: Actuator Type. Normally Open: 3
X: Voltage. +12V: E, +24V: K, +28V: M.
Y: Power Interface. Pin: 0, D-Sub: 1.
Z: Additional Options.

Examples:

To order a SPDT switch, DC-16GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify NMS12S-16-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~12	V1~V12	14~25	Indicator (1~12)
13	COM	26	Indicator (COM)

Normally Open & TTL

Pin	Function	Pin	Function
1~12	A1~A12	15~26	Indicator (1~12)
13	VDC	27	Indicator (COM)
14	COM	28~31	NC

Driving Schematic Diagram

