

NMS10SH

DC~26.5GHz, SP9T~SP10T

- | | |
|----------------------|-------------------|
| Features: | Applications: |
| * Low VSWR | * Wireless |
| * Low Insertion Loss | * Transmitter |
| * High Isolation | * Laboratory Test |
| | * Radar |

Electrical

Frequency: DC~26.5GHz
 Impedance: 50Ω

Model	Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
NMS10SH-18	DC-6	0.3	80	1.20
	6-18	0.5	70	1.30
NMS10SH-26.5	DC-18	0.5	80	1.40
	18-26.5	0.6	70	1.50

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

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

Mechanical

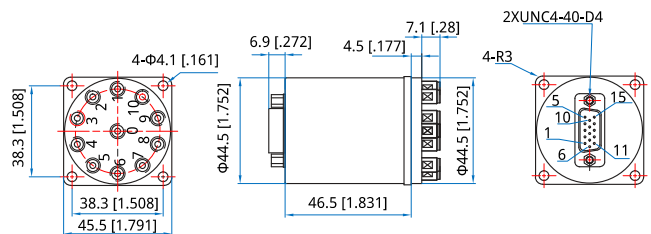
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|--|---|
| Size*2: | 45.5*45.5*46.5mm
1.791*1.791*1.831in |
| Switching Sequence: | Break before Make |
| Switching Time: | 15mS max. |
| Operation Life: | 2M Cycles |
| Vibration (operating): | 20-2000Hz, 10G RMS |
| Mechanical Shock (non-operating): | 30G, 1/2sine, 11mS |
| RF Connectors: | SMA Female |
| Power Supply & Control Interface Connectors: | D-Sub 15/D-Sub 26 |
| 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 [±0.02in]

Additional Options

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

How To Order

- NMSVSH-F-WXYZ**
- V: 9~10 (SP9T~SP10T)
 - F: Frequency in GHz
 - W: Actuator Type. Normally Open: 3.
 - X: Voltage. +12V: E, +24V: K, +28V: M.
 - Y: Power Interface. D-Sub: 1.
 - Z: Additional Options.

Examples:

To order a SP10T switch, High performance, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify NMS10S-18-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~10	V1~V10	22	Indicator (COM)
11	COM	23	VDC
12~21	Indicator (1~10)	24~26	NC

Normally Open&TTL

Pin	Function	Pin	Function
1~10	A1~A10	13~22	Indicator (1~10)
11	VDC	23	Indicator (COM)
12	COM	24~26	NC

Driving Schematic Diagram

