NMS12N

DC~1GHz, SP9T~SP12T

Features:
* Low VSWR
* Low Insertion Loss
* High Isolation

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~1GHz
Impedance:	50Ω

Frequency range[*1] (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC-1	0.2	70	1.2

[1] Higher frequency ranges are available upon request.

Voltage (V)		+12	+18	+24	+28
Current (mA)	Normally Open	120	90	70	60

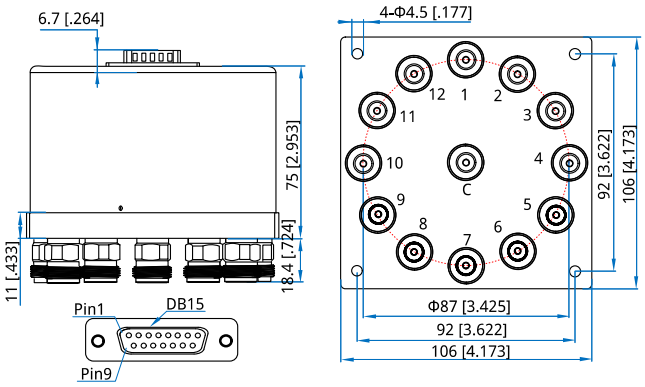
Mechanical

Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	1M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2Sine, 11mS
RF Connectors:	N Female
Relative Humidity:	5 to 85%
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post or D-Sub 15

Environmental

Temperature:	-25~+65℃
Extended Temperature:	-55~+85℃

Outline Drawings



Dimensions without TTL

Unit: mm [in]
Tolerance: ±0.5mm [±0.00in]

Additional Options

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

How To Order

NMSVN-F-WXYZ
V: 9~12 (SP9T~SP12T)
F: Frequency in GHz
W: Actuator Type. Normally Open: 3
X: Voltage. +12V: E, +18V: H, +24V: K, +28V: M.
Y: Power Interface. Pin: 0, D-Sub: 1.
Z: Additional Options.

Examples:
To order a SP12T switch, DC-1GHz, Normally Open, +12V, D-Sub, TTL, specify NMS12N-1-3E1T.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~12	V1~V12	14~15	NC
13	COM		

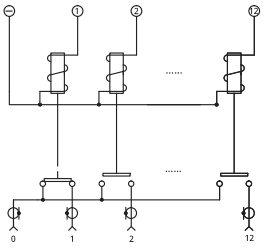
Normally Open & TTL

Pin	Function	Pin	Function
1~12	A1~A12	14	NC
13	COM	15	VDC

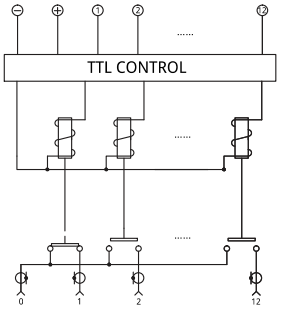
Port

SP9T	1~3, 5~7, 9~11	SP11T	1~11
SP10T	1~3, 5~9, 11~12	SP12T	1~12

Driving Schematic Diagram



Normally Open



Normally Open & TTL