NMS64

DC~6GHz, SP3T~SP6T

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

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~6GHz
Impedance:	50Ω

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC~3	0.3	70	1.3
3~4	0.4	60	1.4
4~6	0.5	50	1.5

Voltage[*1] (V)		+12	+18	+24	+28
Current (mA)	Normally Open	240	160	140	100

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

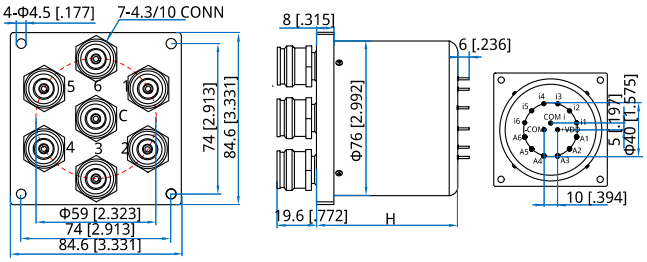
Mechanical

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:	4.3-10 Female
Relative Humidity:	5 to 85%
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post or D-Sub 15

Environmental

Temperature:	-25~+65°C
Extended Temperature:	-55~+85°C

Outline Drawings



H mm [in]

D-Sub 15		Pin	
Others	66 [2.598]	No indicator	66 [2.598]
Indicator or TTL	76 [2.992]	Indicator	69 [2.717]

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

NMSV4-F-WXYZ
V: 3~6 (SP3T~SP6T)
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 SP4T switch, DC-6GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify NMS44-6-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~6	V1~V6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

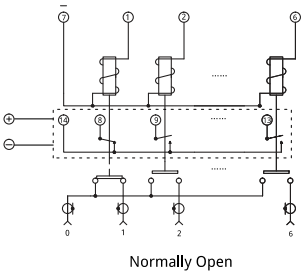
Normally Open & TTL

Pin	Function	Pin	Function
1~6	A1~A6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

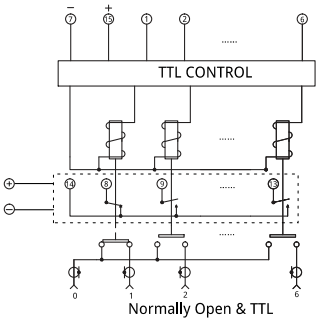
Port

SP3T	1, 3, 5	SP5T	1~5
SP4T	1~2, 4~5	SP6T	1~6

Driving Schematic Diagram



Normally Open



Normally Open & TTL