NMS8E

DC~8GHz, SP7T~SP8T

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

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~8GHz
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
4~8	0.5	50	1.5

Voltage (V)		+12	+18	+24	+28
Current (mA)	Normally Open	230	160	140	120

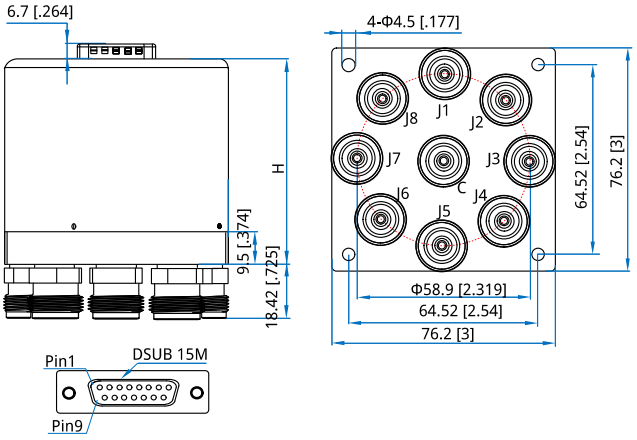
Mechanical

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:	SC 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



H mm [in]	
Standard	With TTL
70 [2.756]	80 [3.15]

Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

Additional Options

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

How To Order

NMSVS-F-WXYZ
V: 7~8 (SP7T~SP8T)
F: Frequency in GHz
W: Actuator Type. Normally Open: 3.
X: Voltage. +12V: E, +18V: H, +24V: K, +28V: M.
Y: Power Interface. D-Sub: 1.
Z: Additional Options.

Examples:
To order a SP8T switch, DC-8GHz, Normally Open, +12V, D-Sub, TTL, specify NMS8E-8-3E1T.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~8	V1~V8	10~15	NC
9	COM		

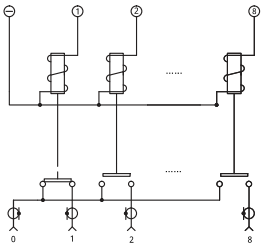
Normally Open & TTL

Pin	Function	Pin	Function
1~8	A1~A8	10~14	NC
9	COM	15	VDC

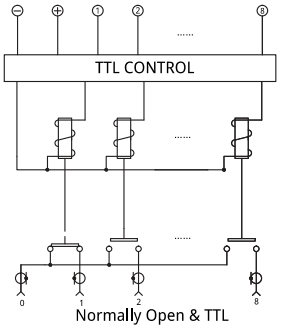
Port

SP7T	1~7	SP8T	1~8

Driving Schematic Diagram



Normally Open



Normally Open & TTL