

NMS8S-1

DC~18GHz, SP8T, USB Control

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

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:		DC~18GHz	
Impedance:		50Ω	
Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC~4	0.2	75	1.2
4~8	0.3	65	1.3
8~12.4	0.4	60	1.4
12.4~18	0.6	60	1.6
Voltage*1 (V)		+12	
Current (mA)	Normally Open	290	

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

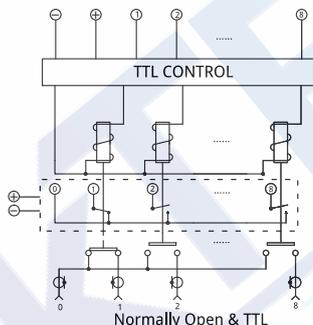
Mechanical

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

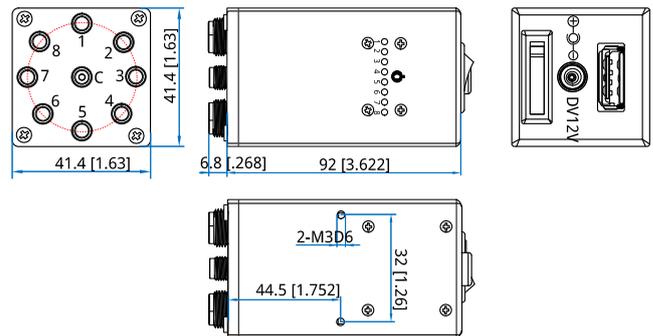
Environmental

Temperature: -25~+65°C

Driving Schematic Diagram



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

NMS8S-1-F-WXYZ

F: Frequency in GHz
 W: Actuator Type. Normally Open: 3.
 X: Voltage. +12V: E
 Y: Power Interface. USB: 3.
 Z: Additional Options.

Examples:

To order a SP8T switch, DC-18GHz, Normally Open, +12V, USB, TTL, Indicators, specify NMS8S-1-18-3E3TI.

Customization is available upon request.