

NMS27

DC~4GHz, SPDT

Features:

- * Low VSWR
- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	DC~4GHz
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

Voltage*1 (V)	+12	+18	+24	+28
Current Failsafe (mA)	270	220	150	110
Latching	310	250	170	130

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

Mechanical

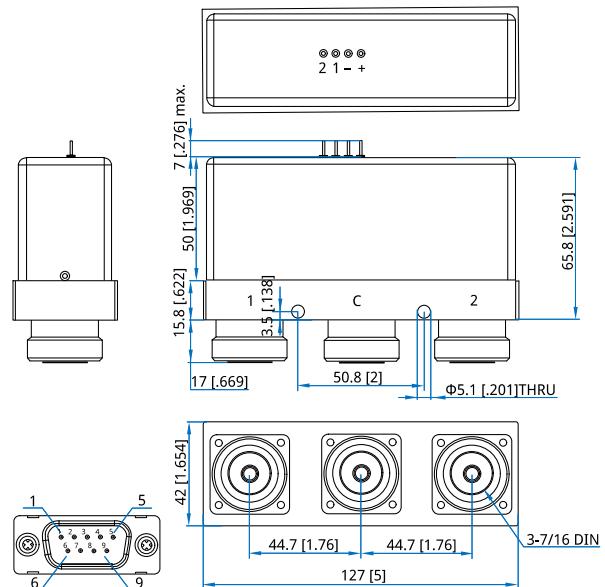
Switching Sequence:	Break before Make
Switching Time:	20mS max.
Operation Life:	1M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2Sine, 11mS
RF Connectors:	7/16 DIN Female
Relative Humidity :	5 to 85%
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post or D-Sub 9

Environmental

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

Customization is available upon request.

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

NMS27-F-WXYZ

F: Frequency in GHz
W: Actuator Type. Failsafe: 0, Latching: 1.
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 SPDT switch, DC-4GHz, Failsafe, +12V, Pin, TTL, Indicators, specify NMS27-4-0E0TI.

Pin Numbering

Failsafe

Pin	Function	Pin	Function
1	V1(RF: 0 to 1)	5~6	Indicator (1~2)
2/4/8	NC	7	Indicator (COM)
3	COM	9	VDC

Failsafe&TTL

Pin	Function	Pin	Function
1	A1(RF: 0 to 1)	5~6	Indicator (1~2)
2/4/8	NC	7	Indicator (COM)
3	COM	9	VDC

Latching

Pin	Function	Pin	Function
1	V1(RF: 0 to 1)	5~6	Indicator (1~2)
2	V2(RF: 0 to 2)	7	Indicator (COM)
3	COM	9	VDC
4/8	NC		

Latching&TTL

Pin	Function	Pin	Function
1	A1(RF: 0 to 1)	5~6	Indicator (1~2)
2	A2(RF: 0 to 2)	7	Indicator (COM)
3	COM	9	VDC
4/8	NC		

Driving Schematic Diagram

