

QMS2N

DC~12.4GHz, SPDT

Features:
 * High Power
 * Long Operation Life

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar



Electrical

Frequency:		DC~12.4GHz			
Impedance:		50Ω			
Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR		
DC~2	0.2	80	1.15		
2~4	0.25	80	1.2		
4~12.4	0.5	60	1.5		
Voltage (V)		+12	+18	+24	+28
Current (mA)	Failsafe	270	220	150	110
	Latching	310	250	170	130

Mechanical

Size*1:	67*L*28mm 2.638*L*1.102in				
Weight:	260g				
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				
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post or D-Sub 9				
Mounting:	2-Φ5.6mm through-hole				

[1] Exclude connectors.

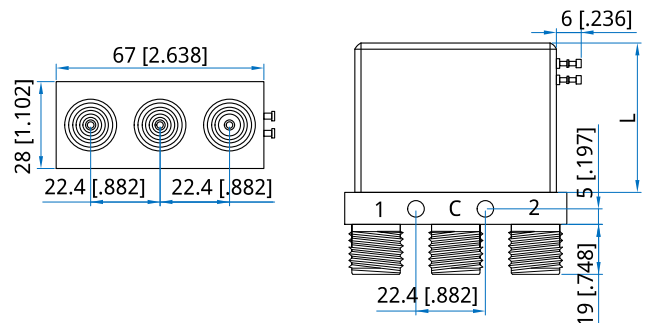
Pin Numbering

Pin	Function	Pin	Function
1	V1/A1 (1)	5~6	Indicator (1~2)
2	V2/A2 (Latching Only)	7	COM (Indicator)
3	COM	9	V (TTL or Indicator)
4/8	NA		

Environmental

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

Outline Drawings



Height (L)	Standard	TTL	Indicator
mm	58	69	73
in	2.28	2.72	2.97

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Additional Options

TTL: T Indicators: I Extended Temperature: Z

How To Order

QMS2N-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, N Female, DC-4GHz, Failsafe, +12V, D-Sub, TTL, Indicators, specify QMS2N-4-0E1TI.

Customization is available upon request.