

QMS10SH

DC~26.5GHz, SP9T~SP10T

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

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~26.5GHz
 Impedance: 50Ω

Model	Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
QMS10SH-18	DC-6	0.3	80	1.20
	6-18	0.5	70	1.30
QMS10SH-26.5	DC-18	0.5	80	1.40
	18-26.5	0.6	70	1.50

Voltage*1 (V)	12	24	28	
Current (mA)	Normally Open	300	150	140

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

Mechanical

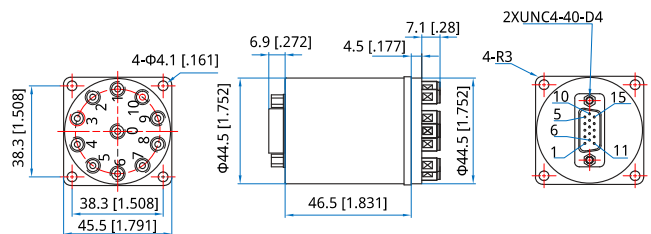
Size*2: 45.5*45.5*46.5mm
 1.791*1.791*1.831in
 Switching Sequence: Break before Make
 Switching Time: 15mS max.
 Operation Life: 2M Cycles
 Vibration (operating): 20-2000Hz, 10G RMS
 Mechanical Shock (non-operating): 30G, 1/2sine, 11mS
 RF Connectors: SMA Female
 Power Supply & Control Interface Connectors: D-Sub 15/D-Sub 26
 Mounting: 4-Φ4.1mm through-hole

[2] Exclude connectors.

Environmental

Temperature: -25~+65°C
 Extended Temperature: -40~+85°C

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

QMSVSH-F-WXYZ
 V: 9~10 (SP9T~SP10T)
 F: Frequency in GHz
 W: Actuator Type. Normally Open: 3.
 X: Voltage. +12V: E, +24V: K, +28V: M.
 Y: Power Interface. D-Sub: 1.
 Z: Additional Options.

Examples:

To order a SP10T switch, High performance, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS10S-18-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~10	V1~V10	22	Indicator (COM)
11	COM	23~26	NC
12~21	Indicator (1~10)		

Normally Open&TTL

Pin	Function	Pin	Function
1~10	A1~A10	13~22	Indicator (1~10)
11	VDC	23	Indicator (COM)
12	COM	24~26	NC

Driving Schematic Diagram

