

QMS10S

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

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC-6	0.3	70	1.3
6-12	0.4	60	1.4
12-18	0.6	50	1.6
18-26.5	0.7	50	1.7

Voltage*¹ (V) 12 24 28

Current (mA) Normally Open 300 150 140

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

[2]

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 30G, 1/2sine, 11mS

(non-operating):

RF Connectors: SMA Female

Power Supply & Control D-Sub 15/D-Sub 26

Interface Connectors:

Mounting: 4-Φ4.1mm through-hole

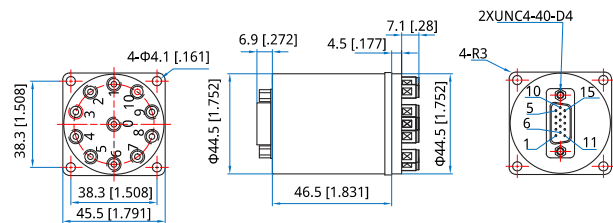
[2] Exclude connectors.

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

QMSVS-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, 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

