QMS10N

DC~6GHz, SP9T~SP10T

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

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~6GHz
Impedance:	50Ω

Frequency (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	Power (W)
DC~4	0.3	70	1.3	350
4~6	0.4	70	1.6	300

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

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

TTL	Low Level	High Level	
	0~0.3V	3~5V	1.4mA

	Voltage	Current Capacity	Impedance
Indicators*2	(V max.)	(mA max.)	(Ω max.)
	50	100	15

[2] Connect the control terminal VDC & GND before running this function.

Mechanical

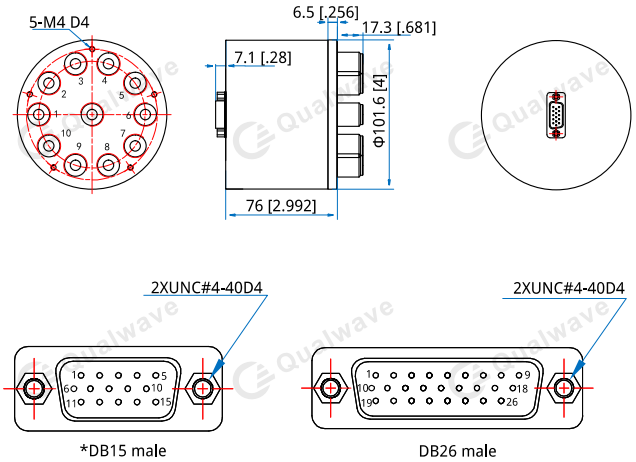
Size*3:	76.2*76.2*81.5mm
	3*3*3.209in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2 sine, 11mS
RF Connectors:	N female
Power Supply & Control Interface Connectors:	D-Sub 15/26 male
Mounting:	5-M4mm

[3] Exclude connectors.

Environmental

Operating Temperature:	-25~+65℃
Extended Temperature:	-45~+85℃
Non-operating Temperature:	-55~+85℃

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]
*No indication, control interface DB15 male.

Additional Options

TTL: T
Indicators: I
Extended Temperature: Z
Positive Common

How To Order

QMSVN-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 SP9T switch, DC-6GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS9N-6-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~8	V1~V8	18	Indicator (COM)
9	COM	19	VDC
10~17	Indicator (1~8)	20~26	NC

Normally Open & TTL

Pin	Function	Pin	Function
1~8	A1~A8	11~18	Indicator (1~8)
9	VDC	19	Indicator (COM)
10	COM	20~26	NC