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

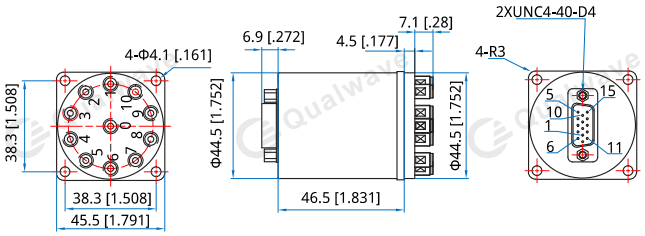
Size[*2]:	45.5*45.5*46.5mm 1.791*1.791*1.831in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	30G, 1/2sine, 11mS
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors: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

[2] Exclude connectors.

Environmental

Temperature:	-25~+65℃
Extended Temperature:	-45~+85℃

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

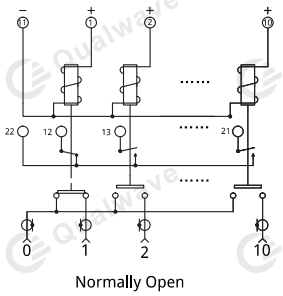
Normally Open

Pin	Function	Pin	Function
1~10	V1~V10	22	Indicator (COM)
11	COM	23	VDC
12~21	Indicator (1~10)	24~26	NC

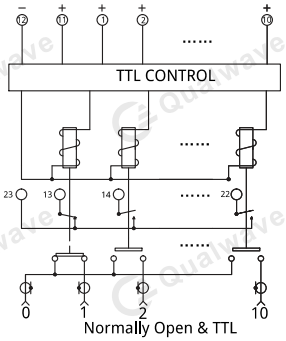
Normally Open&TTL

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



Normally Open



Normally Open & TTL