QMS8S

DC~26.5GHz, SP7T~SP8T

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	0.5	55	1.5
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.

Mechanical

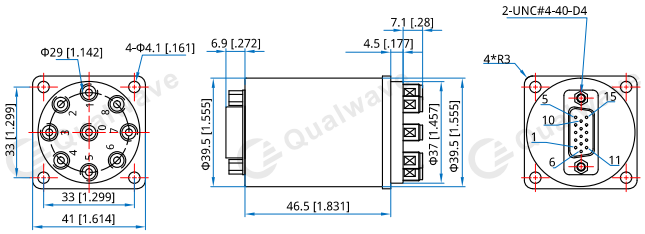
Size[*2]:	41*41*46.5mm 1.614*1.614*1.831in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	30G, 1/2sine, 11mS
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	D-Sub 15/26 male
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: 7~8 (SP7T~SP8T)
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 SP8T switch, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS8S-18-3E1TI.

Customization is available upon request.

Pin Numbering

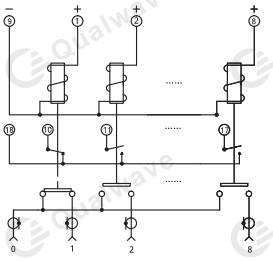
Normally Open

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

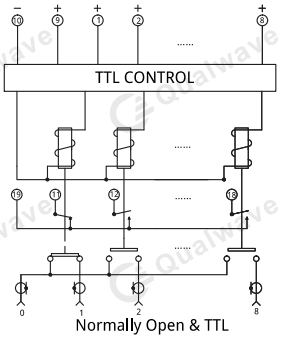
Normally Open & TTL

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

Driving Schematic Diagram



Normally Open



Normally Open & TTL