

QMS8S-1

DC~18GHz, SP8T, USB Control

Features:

- * Low VSWR
- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency: DC~18GHz
Impedance: 50Ω

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC~4	0.2	75	1.2
4~8	0.3	65	1.3
8~12.4	0.4	60	1.4
12.4~18	0.6	60	1.6

Voltage*1 (V) +12

Current (mA) Normally Open 290

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

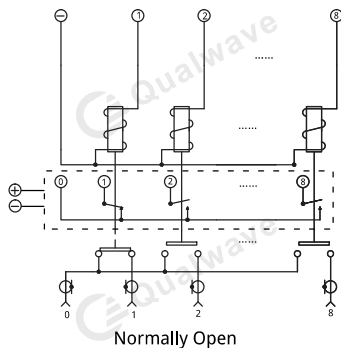
Mechanical

Switching Sequence: Break before Make
Switching Time: 15mS max.
Operation Life: 2M Cycles
Vibration (operating): 20-2000Hz, 10G RMS
Mechanical Shock: 50G, 1/2Sine, 11mS
(non-operating):
RF Connectors: SMA Female
Relative Humidity : 5 to 85%
Power Supply & Control: USB
Interface Connectors:

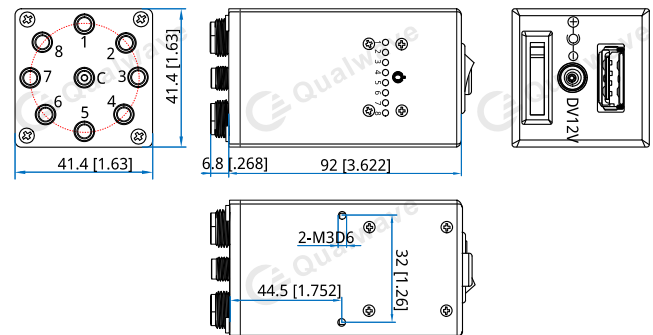
Environmental

Temperature: -25~+65°C

Driving Schematic Diagram



Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Additional Options

Indicators: I

How To Order

QMS8S-1-F-WXYZ

F: Frequency in GHz

W: Actuator Type. Normally Open: 3.

X: Voltage. +12V: E

Y: Power Interface. USB: 3.

Z: Additional Options.

Examples:

To order a SP8T switch, DC-18GHz, Normally Open, +12V, USB, Indicators, specify QMS8S-1-18-3E3I.

Customization is available upon request.