

QMS6E

DC~6GHz, SP3T~SP6T

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

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	DC~6GHz
Insertion Loss:	0.3dB
Isolation:	70dB
VSWR:	1.3
Power:	650W
Impedance:	50Ω

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

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

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

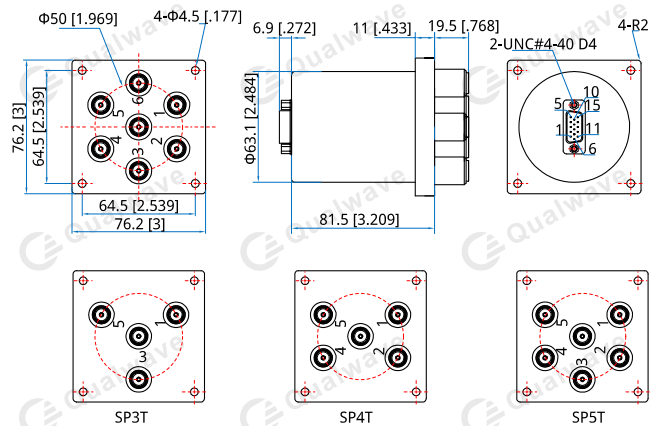
Mechanical

Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2Sine, 11mS
RF Connectors:	SC female
Power Supply & Control Interface Connectors:	D-Sub 15
Weight:	700g

Environmental

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

Outline Drawings (Non-TTL/TTL/Indicators)



Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

QMSVE-F-WXYZ

V: 3~6 (SP3T~SP6T)
 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.

Additional Options

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

Examples:

To order a SP4T switch, DC-6GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS4E-6-3E1TI.

Customization is available upon request.

Pin Numbering**Normally Open**

Pin	Function	Pin	Function
1~6	V1~V6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

Normally Open & TTL

Pin	Function	Pin	Function
1~6	A1~A6	9~14	Indicator (1~6)
7	VDC	15	Indicator (Com)
8	COM		

Port

SP3T	1, 3, 5	SP5T	1~5
SP4T	1~2, 4~5	SP6T	1~6