

QMS6ST DC~18GHz, SP3T~SP6T, Terminated

Features:
* High Power
* Long Operation Life

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar



Electrical

Frequency: DC~18GHz
Impedance: 50Ω

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	
DC~6	0.3	80	1.3	
6~12	0.4	70	1.4	
12~18	0.5	60	1.5	

Voltage (V)	+12	+18	+24	+28
Current (mA) Normally Open	300	220	167	160
Latching	350	240	180	160

Mechanical

Size*1: 58*L*58mm
2.283*L*2.283in
Weight: 240g
Switching Sequence: Break before Make
Switching Time: 15mS max.
Operation Life: 1M Cycles
Vibration (operating): 20-2000Hz, 10G RMS
Mechanical Shock (non-operating): 50G, 1/2sine, 11mS
RF Connectors: SMA Female
Power Supply & Control Interface Connectors: D-Sub 15
Mounting: 4-Φ4.5mm through-hole

[1] Exclude connectors.

Pin Numbering

Pin	Function	Pin	Function
1~6	V1~V6/A1~A6	14	COM (Indicator)
7	COM	15	V (TTL or Indicator)
8~13	Indicator (1~6)		

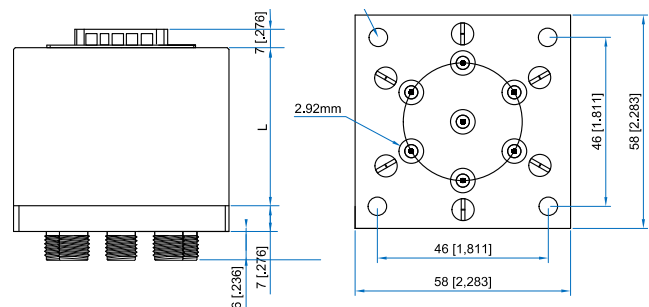
Port

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

Environmental

Temperature: -25~+65°C
Extended Temperature: -55~+85°C

Outline Drawings



Height (L)	Standard	TTL	Indicator
mm	50	60	65
in	1.97	2.36	2.56

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Additional Options

TTL: T Indicators: I Extended Temperature: Z

How To Order

QMSVST-F-WXYZ

V: 3~6 (SP3T~SP6T)

F: Frequency in GHz

W: Actuator Type. Latching: 1, Normally Open: 3.

X: Voltage. +12V: E, +18V: H, +24V: K, +28V: M.

Y: Power Interface. D-Sub: 1.

Z: Additional Options.

Examples:

To order a SP4T terminated switch, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS4ST-18-3E1TI.

Customization is available upon request.