QMS10ST

DC~18GHz, SP9T~SP10T, 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	0.2	80	1.2
6~12	0.4	70	1.4
12~18	0.6	55	1.6

	Voltage (V)	+12	+24	+28
Current (mA)	Normally Open	350	180	150
	Latching	300	150	120

Mechanical

Size[*1]:	76*L*76mm 2.992*L*2.992in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	100G, 1/2sine, 11mS
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	D-Sub 15
Mounting:	4-Φ4.5mm through-hole

[1] Exclude connectors.

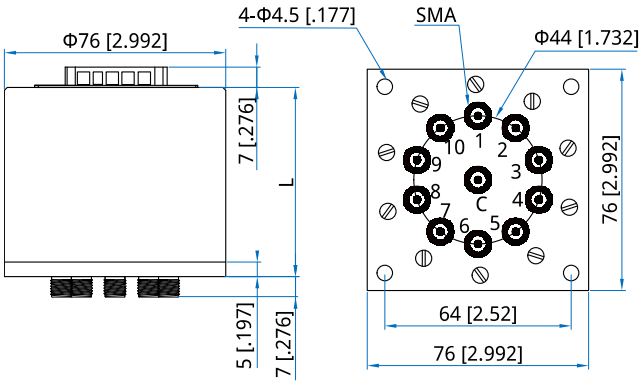
Pin Numbering

Pin	Function	Pin	Function
1~10	V1~V10/A1~A10	13~14	NA
11	COM	15	V (TTL Only)
12	RESET (Latching Only)		

Environmental

Temperature:	-40~+75℃

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

Standard:	L=50	TTL&Indicators:	L=65
TTL/Indicators:	L=60		

Additional Options

TTL: T
Indicators: I

How To Order

QMSVST-F-WXYZ

V: 9~10 (SP9T~SP10T)
F: Frequency in GHz
W: Actuator Type. Latching: 1, Normally Open: 3.
X: Voltage. +12V: E, +15V: F, +24V: K, +28V: M.
Y: Power Interface. Pin: 0, D-Sub: 1.
Z: Additional Options.

Examples:
To order a SP9T terminated switch, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS9ST-18-3E1TI.

Customization is available upon request.