

QMS6KT

DC~40GHz, SP3T~SP6T, Terminated

Features:
 * High Power
 * Long Operation Life

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar



Electrical

Frequency: DC~40GHz
 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	60	1.5
18~26.5	0.8	50	1.9
26.5~40	1	50	2

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: 2.92mm Female

Power Supply & Control Interface Connectors: D-Sub 15

Mounting: 4-Φ5mm 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)		

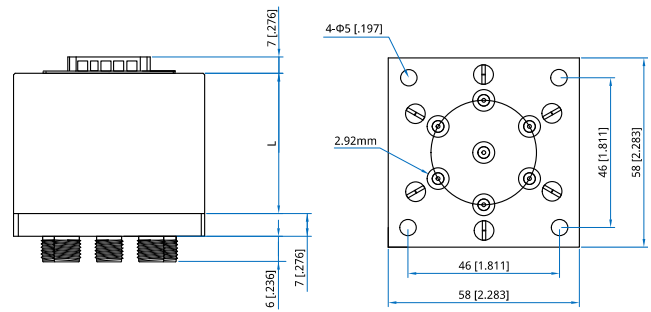
Port

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

QMSVKT-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-40GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify QMS4KT-40-3E1TI.

Customization is available upon request.