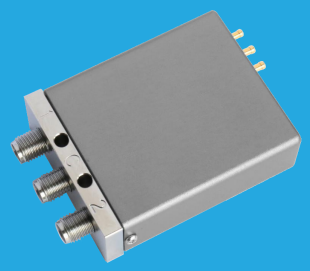
QMS2S

DC~18GHz, SPDT

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	0.15	80	1.2
6~12	0.25	75	1.3
12~18	0.35	65	1.4

Voltage (V)		+12	+24	+28
Current (mA)	Failsafe	200	100	90
	Latching	200	90	90

Mechanical

Size*1:	40*L*15mm 1.575*L*0.591in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	5M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	100G, 1/2sine, 11mS
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post or D-Sub 9
Mounting:	2-Φ3.2mm through-hole

[1] Exclude connectors.

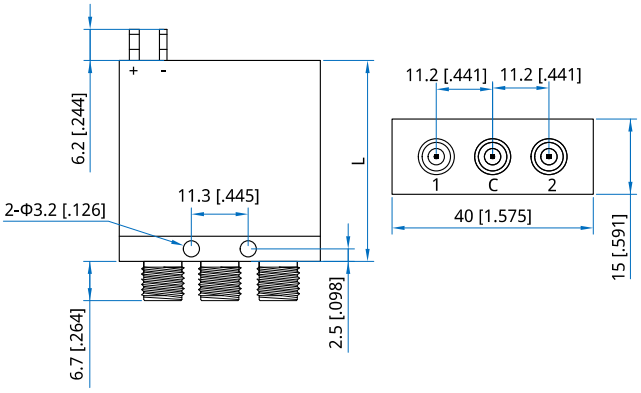
Pin Numbering

Pin	Function	Pin	Function
1	V1/A1	4~8	NA
2	V2/A2 (Latching Only)	9	V (TTL Only)
3	COM		

Environmental

Temperature:	-40~+75℃
Extended Temperature:	-55~+85℃

Outline Drawings



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

Standard:	L=40	TTL&Indicators:	L=60
TTL/Indicators:	L=50		

Additional Options

TTL: T
Indicators: I
Extended Temperature: E

How To Order

QMS2S-F-WXYZ

F: Frequency in GHz
W: Actuator Type. Failsafe: 0, Latching: 1.
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 SPDT switch, DC-12GHz, Failsafe, +12V, D-Sub, TTL, Indicators, specify QMS2S-12-0E1TI.

Customization is available upon request.