

# QPS6-1000-18000-A

## SP6T, 1~18GHz, Absorptive

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	1~18GHz
Insertion Loss:	4.2dB max.
Isolation:	70dB min.
VSWR:	2 max.
Input Power:	30dBm max.
Switching Time:	100ns max.
Voltage/Current:	+5V @300mA max. -5V @50mA max.
Impedance:	50Ω

**Mechanical**

Size <sup>*1</sup> :	78*24*10.2mm 3.071*0.945*0.402in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.7mm through-hole

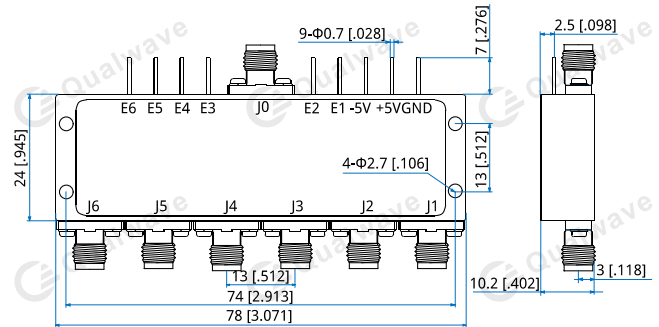
[1] Exclude connectors.

**Environmental**

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

**Control True Table**

Control Input TTL						Signal Path State
E6	E5	E4	E3	E2	E1	
1	1	1	1	1	0	J0 - J1 On
1	1	1	1	0	1	J0 - J2 On
1	1	1	0	1	1	J0 - J3 On
1	1	0	1	1	1	J0 - J4 On
1	0	1	1	1	1	J0 - J5 On
0	1	1	1	1	1	J0 - J6 On

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**QPS6-1000-18000-A**

Customization is available upon request.