

# QPS4-12000-18000-A

## SP4T, 12~18GHz, Absorptive

Features:  
 \* Low Insertion Loss  
 \* High Isolation

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	12~18GHz
Insertion Loss:	3.2dB max.
Isolation:	75dB min.
VSWR:	2 max.
Input Power:	30dBm max.
Voltage/Current:	+5V@200mA max. -5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

### Mechanical

Switching Time:	100ns max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	2-Φ2.2mm through-hole

### Environmental

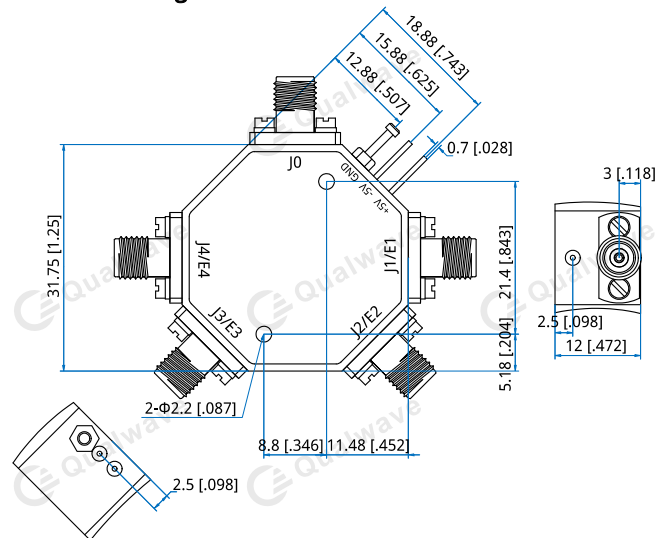
Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

### How To Order

**QPS4-12000-18000-A**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### Control True Table

E4	E3	E2	E1	Connection
1	1	1	0	J0 - J1 On
1	1	0	1	J0 - J2 On
1	0	1	1	J0 - J3 On
0	1	1	1	J0 - J4 On