

QPS4-1000-8000-A

SP4T, 1~8GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

| | |
|------------------|---------------------------------|
| Frequency: | 1~8GHz |
| Insertion Loss: | 2dB max. |
| Isolation: | 80dB min. |
| VSWR: | 1.5 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 |

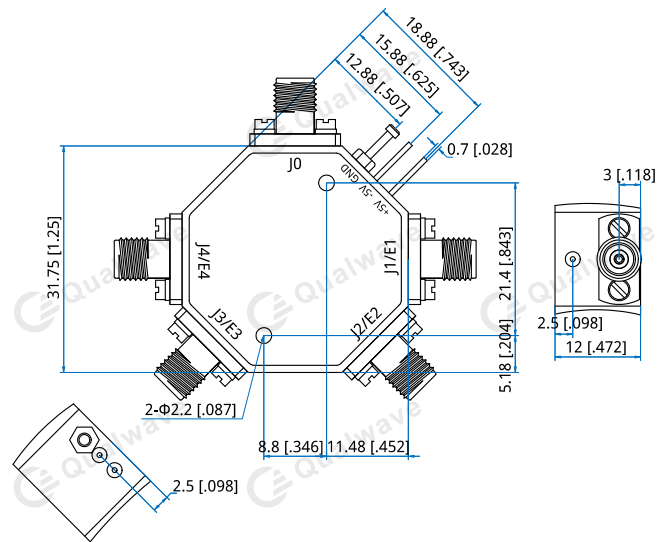
Environmental

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

How To Order

QPS4-1000-8000-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 |