

QPS3-1000-20000-R

SP3T, 1~20GHz, Reflective

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

| | |
|------------------|----------------|
| Frequency: | 1~20GHz |
| Insertion Loss: | 3.2dB max. |
| Isolation: | 80dB min. |
| VSWR: | 2 max. |
| Input Power: | 30dBm max. |
| Voltage/Current: | +5V@150mA max. |
| | -5V@50mA max. |
| Control: | TTL High - 1 |
| | TTL Low/NC - 0 |
| Impedance: | 50Ω |

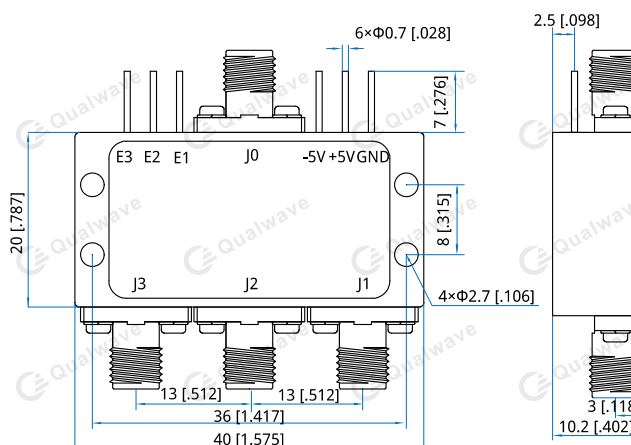
Mechanical

| | |
|--------------------------|----------------------------|
| Size ^{*1} : | 40*20*10.2mm |
| | 1.575*0.787*0.402in |
| Switching Time: | 100nS max. |
| RF Connectors: | SMA Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Nickel plated aluminum |
| Mounting: | 4-Φ2.7mm through-hole |

[1] Exclude connectors.

Environmental

| | |
|----------------------------|------------|
| Operating Temperature: | -45~+85°C |
| Non-operating Temperature: | -55~+125°C |

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Control True Table

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

How To Order

QPS3-1000-20000-R

Customization is available upon request.