

QPS6-1000-20000-A-1

SP6T, 1~20GHz, Absorptive

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|------------------|---------------------------------|
| Frequency: | 1~20GHz |
| Insertion Loss: | 4.5dB max. |
| Isolation: | 60dB min. |
| VSWR: | 2 max. |
| Input Power: | 30dBm max. |
| Voltage/Current: | +5V@300mA max. -5V@50mA max. |
| Control: | TTL High - 1 TTL Low/NC - 0 |
| Impedance: | 50Ω |

Mechanical

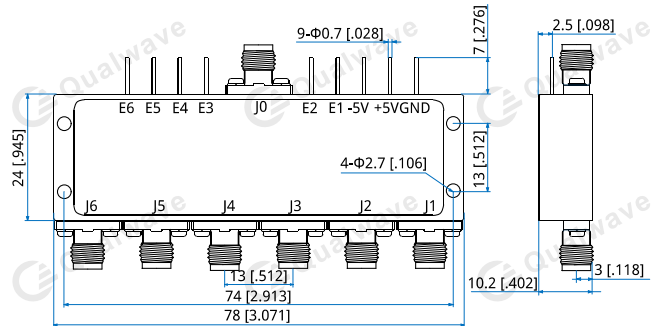
| | |
|--------------------------|-------------------------------------|
| Size ^{*1} : | 78*24*10.2mm 3.071*0.945*0.402in |
| Switching Time: | 120ns max. |
| RF Connectors: | SMA Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Nickel plated aluminum |
| Mounting: | 4-Φ2.7mm through-hole |

[1] Exclude connectors.

Environmental

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

Outline Drawings



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

Control True Table

| E1 | E2 | E3 | E4 | E5 | E6 | Connection |
|----|----|----|----|----|----|------------|
| 0 | 1 | 1 | 1 | 1 | 1 | J0-J1 |
| 1 | 0 | 1 | 1 | 1 | 1 | J0-J2 |
| 1 | 1 | 0 | 1 | 1 | 1 | J0-J3 |
| 1 | 1 | 1 | 0 | 1 | 1 | J0-J4 |
| 1 | 1 | 1 | 1 | 0 | 1 | J0-J5 |
| 1 | 1 | 1 | 1 | 1 | 0 | J0-J6 |

How To Order

[QPS6-1000-20000-A-1](#)

Customization is available upon request.