# QPS2-1000-18000-A-4

SPDT, 1~18GHz, Absorptive

Features:
* Low Insertion Loss
* High Isolation

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

## Electrical

| | |
|---|---|
| Frequency: | 1~18GHz |
| Insertion Loss: | 2.8dB max. |
| Isolation: | 60dB min. |
| VSWR: | 2 max. |
| Input Power: | 20dBm max. |
| Voltage/Current: | +5V@50mA max. |
| | -5V@50mA max. |
| Control: | TTL High - 1 |
| | TTL Low/NC - 0 |

## Mechanical

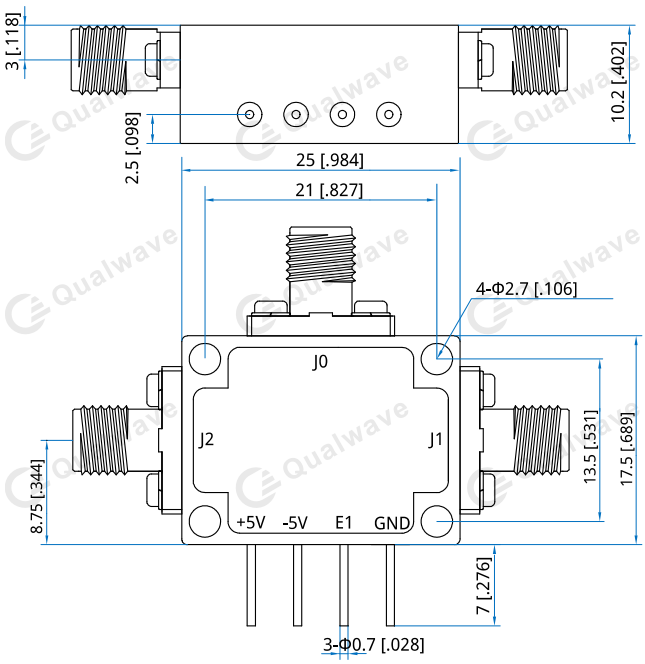
| | |
|---|---|
| Size[*1]: | 25*17.5*10.2mm |
| | 0.984*0.689*0.402in |
| Switching Time: | 35nS max. |
| RF Connectors: | SMA Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Nickel plated aluminum |
| Mounting: | 4-Φ2.7mm through-hole |

[1] Exclude connectors.

## Environmental

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

## Outline Drawings




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

## Control True Table

| E1 | Connection |
|---|---|
| 0 | J0 - J1 On |
| 1 | J0 - J2 On |

## How To Order

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Customization is available upon request.