

QPS16-8000-40000-R

SP16T, 8~40GHz, Reflective

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|------------------|----------------------------------|
| Frequency: | 8~40GHz |
| Insertion Loss: | 12dB max. |
| Isolation: | 60dB min. |
| VSWR: | 2.5 max. |
| Input Power: | 23dBm max. |
| Voltage/Current: | +5V@650mA max. -5V@100mA max. |
| Control: | TTL High - 1 TTL Low/NC - 0 |
| Impedance: | 50Ω |

Mechanical

| | |
|--------------------------|------------------------------------|
| Size*1: | 203.2*30*10.2mm 8*1.181*0.402in |
| Switching Time: | 150ns max. |
| RF Connectors: | 2.92mm Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Nickel plated aluminum |
| Mounting: | 4-Φ2.8mm through-hole |

[1] Exclude connectors.

Environmental

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

Control True Table

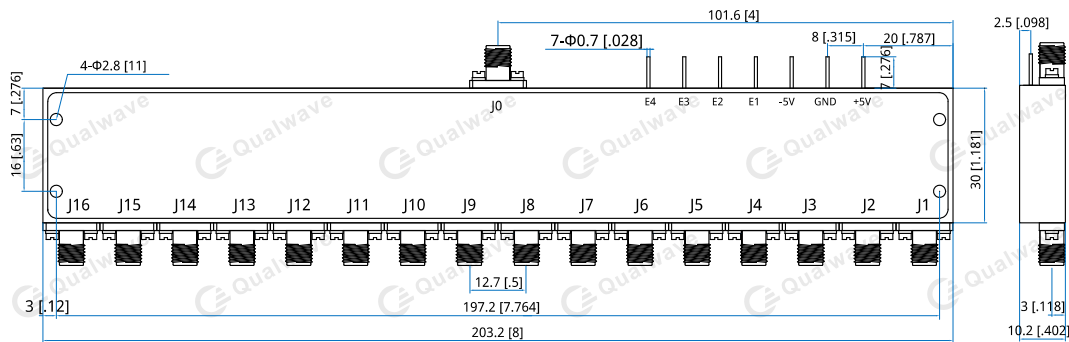
| E4 | E3 | E2 | E1 | Connection |
|----|----|----|----|-------------|
| 0 | 0 | 0 | 0 | J0 - J1 On |
| 0 | 0 | 0 | 1 | J0 - J2 On |
| 0 | 0 | 1 | 0 | J0 - J3 On |
| 0 | 0 | 1 | 1 | J0 - J4 On |
| 0 | 1 | 0 | 0 | J0 - J5 On |
| 0 | 1 | 0 | 1 | J0 - J6 On |
| 0 | 1 | 1 | 0 | J0 - J7 On |
| 0 | 1 | 1 | 1 | J0 - J8 On |
| 1 | 0 | 0 | 0 | J0 - J9 On |
| 1 | 0 | 0 | 1 | J0 - J10 On |
| 1 | 0 | 1 | 0 | J0 - J11 On |
| 1 | 0 | 1 | 1 | J0 - J12 On |
| 1 | 1 | 0 | 0 | J0 - J13 On |
| 1 | 1 | 0 | 1 | J0 - J14 On |
| 1 | 1 | 1 | 0 | J0 - J15 On |
| 1 | 1 | 1 | 1 | J0 - J16 On |

How To Order

QPS16-8000-40000-R

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]