

QPS4 SP4T

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Specifications

Part Number	Frequency (GHz)	Insertion Loss (dB, max.)	VSWR (max.)	Isolation (dB, min.)	Power (W, max.)	On/Off Delay (nS, max.)
QPS4-20-1000	0.02~1	1.5	1.5	70	1	50
QPS4-1000-2000	1~2	1.6	1.5	70	1	50
QPS4-2000-6000	2~6	2.4	1.8	70	1	50
QPS4-8000-12000	8~12	2.5	1.8	70	1	50
QPS4-6000-18000	6~18	2.8	2	60	1	50
QPS4-18000-26500	18~26.5	3	2.2	60	1	50
QPS4-26500-40000	26.5~40	4	2.2	60	1	50

Mechanical

Size^{*1}: 52*26*12mm
 2.047*1.024*0.472in

RF Connectors: SMA Female

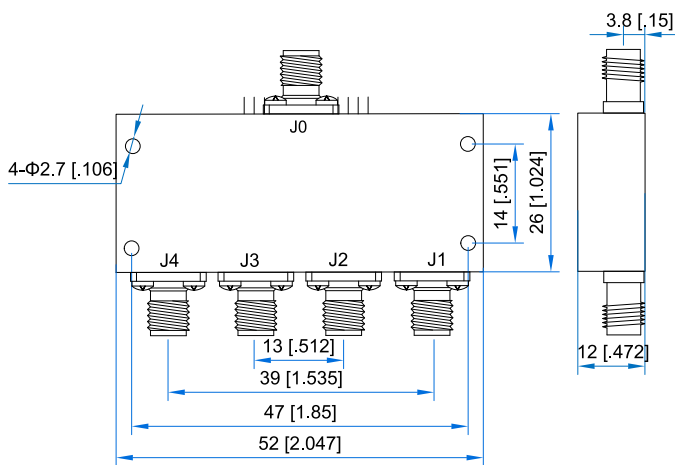
Power Supply Connectors: Feed Through/Terminal Post

Housing Material: Aluminum

Mounting: 4-Φ2.7mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Electrical

Frequency: 0.02~40GHz

Control: TTL High - 1
 TTL Low/NC - 0

Environmental

Operating Temperature: -40~+70°C

Non-operating Temperature: -55~+85°C

Control True Table

C1	C2	Connection
0	0	J0 - J1 On
0	1	J0 - J2 On
1	0	J0 - J3 On
1	1	J0 - J4 On

How To Order

QPS4-X-Y-Z

X: Start frequency in GHz

Y: Stop frequency in GHz

Z: Absorptive: A, Reflective: R.

Examples:

To order an SP4T PIN Diode Switch, 6~18GHz, reflective, specify QPS4-6000-18000-R.

Customization is available upon request.