

QPS6 SP6T

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Specifications

Part Number	Frequency (GHz)	IL (dB Max.)	VSWR (Max.)	Isolation (dB Min.)	Power (W Max.)	On/Off Delay (nS Max.)
QPS6-20-1000	0.02~1	1.8	1.5	70	1	50
QPS6-1000-2000	1~2	2	1.5	70	1	50
QPS6-2000-6000	2~6	3	1.8	70	1	50
QPS6-8000-12000	8~12	3	1.8	70	1	50
QPS6-6000-18000	6~18	3	2	60	1	50
QPS6-18000-26500	18~26.5	3.5	2.2	60	1	50
QPS6-26500-40000	26.5~40	4.5	2.2	60	1	50

Mechanical

Size*1: 78*38*12mm
 3.071*1.496*0.472in

RF Connectors: SMA Female

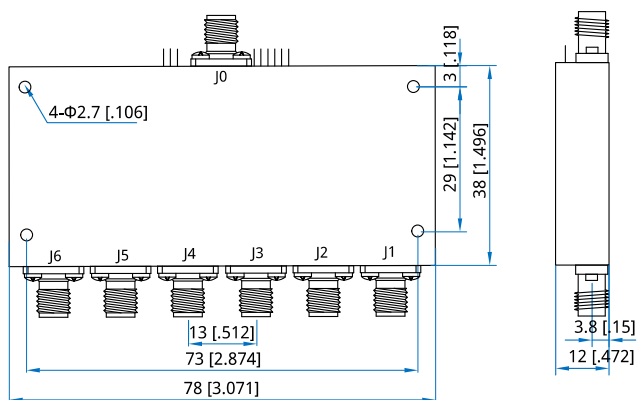
Power Supply Connectors: Feed Through/Terminal Post

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	C3	Connection
0	0	0	J0 - J1 On
0	0	1	J0 - J2 On
0	1	0	J0 - J3 On
0	1	1	J0 - J4 On
1	0	0	J0 - J5 On
1	0	1	J0 - J6 On

How To Order

QPS6-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Absorptive: A, Reflective: R.

Examples:

To order an SP6T PIN Diode Switch, 6~18GHz, reflective, specify QPS6-6000-18000-R.

Customization is available upon request.