

QPS2

SPDT

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Specifications

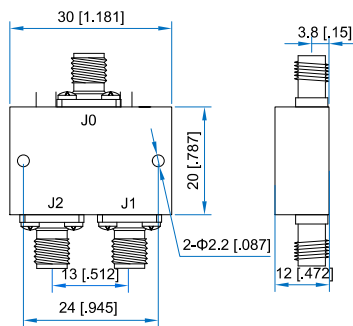
Part Number	Frequency (GHz)	IL (dB Max.)	VSWR (Max.)	Isolation (dB Min.)	Power (W Max.)	On/Off Delay (nS Max.)
QPS2-20-1000	0.02~1	1	1.4	70	1	50
QPS2-1000-2000	1~2	1.2	1.4	70	1	50
QPS2-2000-6000	2~6	1.8	1.6	70	1	50
QPS2-8000-12000	8~12	1.8	1.6	70	1	50
QPS2-6000-18000	6~18	2	1.8	60	1	50
QPS2-18000-26500	18~26.5	2.5	2	60	1	50
QPS2-26500-40000	26.5~40	3	2	60	1	50

Mechanical

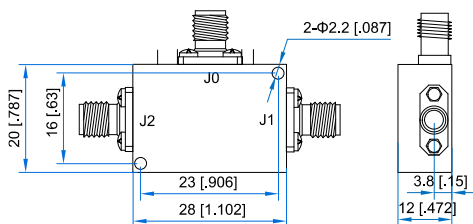
- RF Connectors: SMA Female
- Power Supply Connectors: Feed Through/Terminal Post
- Housing Material: Aluminum
- Mounting: 2-Φ2.2mm through-hole

Electrical

- Frequency: 0.02~40GHz
- Control: TTL High - 1
TTL Low/NC - 0

Outline Drawings


Outline A (Standard)



Outline B (Optional)

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Environmental

- Operating Temperature: -40~+70°C
- Non-operating Temperature: -55~+85°C

Control True Table

Ctrl	Connection
0	J0 - J1 On
1	J0 - J2 On

How To Order
QPS2-X-Y-Z

- X: Start frequency in MHz
- Y: Stop frequency in MHz
- Z: Absorptive: A, Reflective: R.

Add suffix “-O” for Outline B.

Examples:

To order an SPDT PIN Diode Switch, 6~18GHz, reflective, specify QPS2-6000-18000-R.

Customization is available upon request.