

QPS12-400-18000-A

SP12T, 0.4~18GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

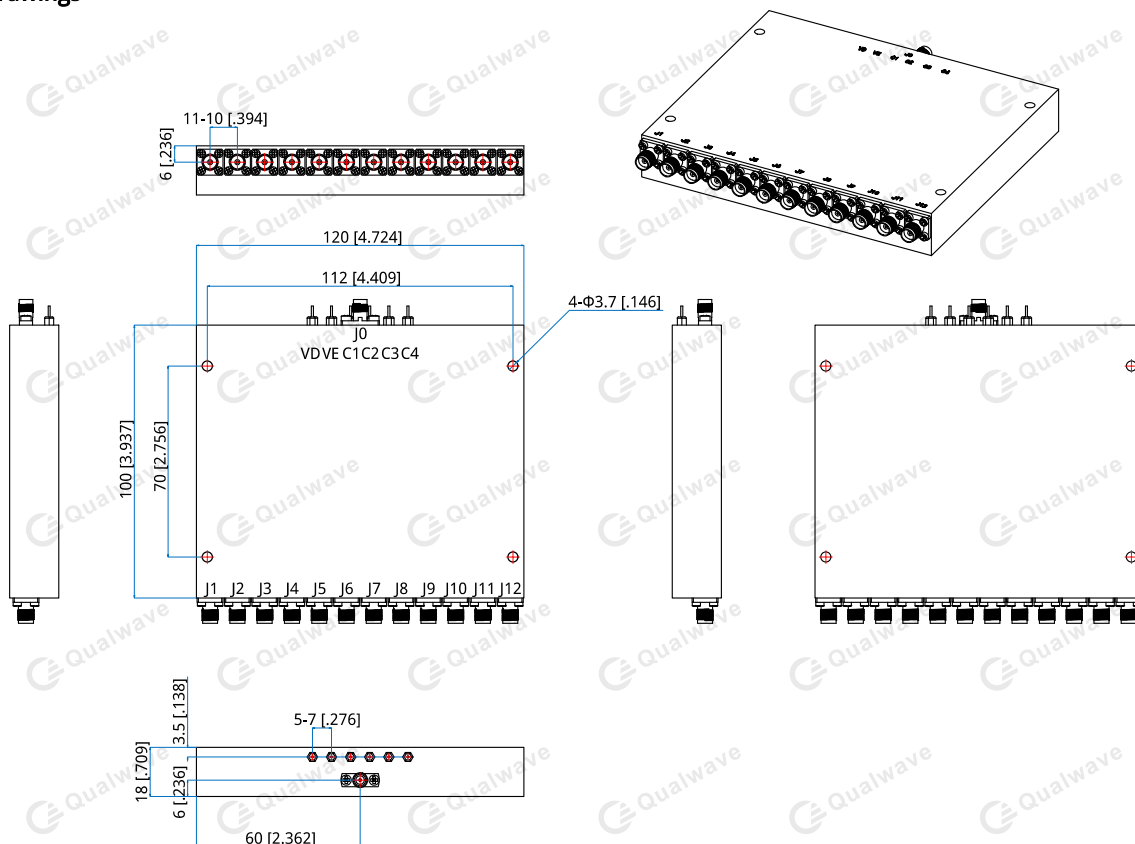
Frequency:	0.4~18GHz
Insertion Loss:	7.5dB max.
Isolation:	80dB min.
VSWR:	2 max.
Input Power (P1dB):	+21dBm typ.
Input Power (Psat):	+23dBm typ.
Voltage:	±5V typ.
Current:	+400/-50mA typ.
Control:	High - 1 @+2.8~+3.6V Low - 0 @0~+0.2V
Switching Time:	200ns max.
Impedance:	50Ω

Mechanical

Size*1:	120*100*18mm 4.724*3.937*0.709in
RF Connectors:	SMA female
Housing Materia:	Aluminum alloy oxidation
Power Supply Connectors:	Feed through/Terminal post
Mounting:	4-Φ3.7mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Control True Table

C1	C2	C3	C4	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

How To Order[QPS12-400-18000-A](#)

Customization is available upon request.