

QPS12-600-7200-A

SP12T, 0.6~7.2GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	0.6~7.2GHz
Insertion Loss:	4dB max.
Isolation:	60dB min.
VSWR:	1.8 max.
Input Power:	23dBm max.
Voltage/Current:	+5V@500mA max. -5V@100mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

Mechanical

Size*1:	152.4*30*10.2mm 6*1.181*0.402in
Switching Time:	150ns max.
RF Connectors:	SMA female
Power Supply Connectors:	D-Sub 9 female
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-45~+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

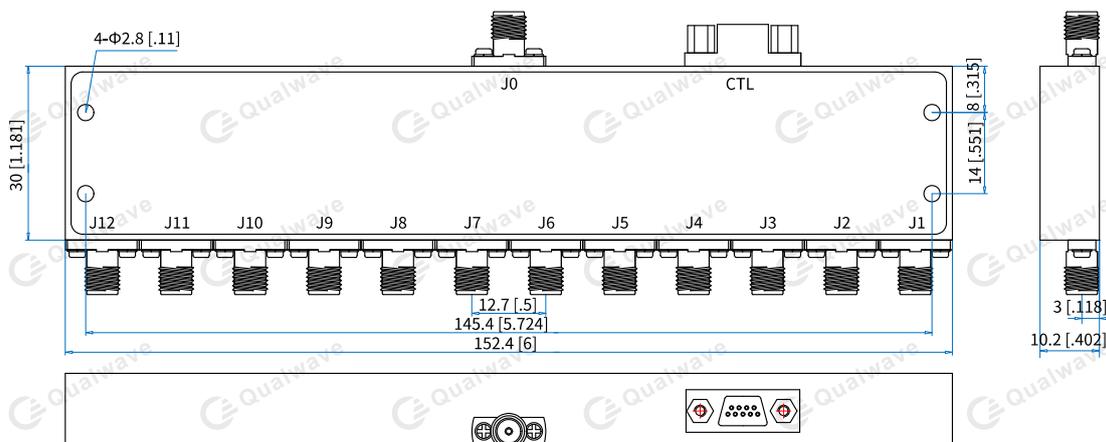
Pin Numbering

Pin	Function	Pin	Function
1	+5V	4~7	E1~E4
2	GND	8~9	NC
3	-5V		

How To Order

QPS12-600-7200-A

Customization is available upon request.

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]