

## QPS6-3000-6000-R

### SP6T, 3~6GHz, Reflective

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

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

**Electrical**

Frequency:	3~6GHz
Insertion Loss:	3.8dB max.
Isolation:	25dB min.
VSWR:	2.2 max.
Input Power:	0.5W max.
Voltage:	-5V, +5V DC
Current:	150mA, 150mA typ.
On/Off Delay:	200nS max.
Control:	TTL High - 1 TTL Low/NC - 0

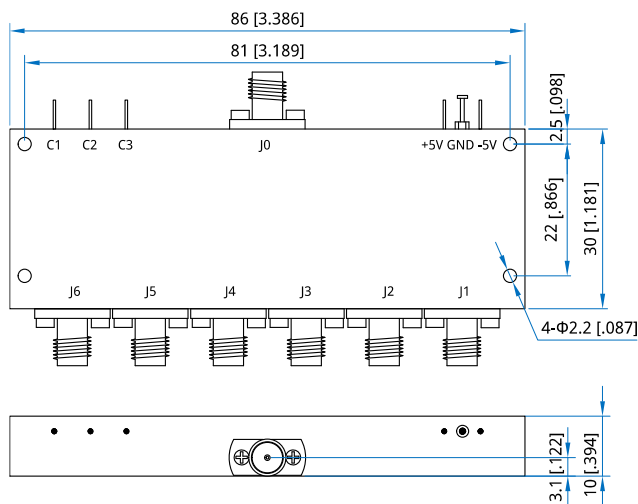
**Mechanical**

Size* <sup>1</sup> :	86*30*10mm 3.386*1.181*0.394in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	4*Φ2.2mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-20~+50°C
Non-operating Temperature:	-55~+85°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Control True Table**

C1	C2	C3	Connection
0	0	0	Off
0	0	1	J0 - J1 On
0	1	0	J0 - J2 On
0	1	1	J0 - J3 On
1	0	0	J0 - J4 On
1	0	1	J0 - J5 On
1	1	0	Off
1	1	1	J0 - J6 On

**How To Order**

**QPS6-3000-6000-R**

Customization is available upon request.