

# QPS2-20-530-R

## SP2T, 0.02~0.53GHz, Reflective

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

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

**Electrical**

Frequency:	0.02~0.53GHz
Insertion Loss (J2):	0.65dB max.
Insertion Loss (J1):	0.55dB max.
Isolation (J2):	50dB min.
Isolation (J1):	25dB min.
Input VSWR:	1.4 max.
Output VSWR:	1.4 max.
Switich Time	12ms max.
(50%TTL~90/10%RF):	
Average Power (Cold Switch):	100W max.
Peak Power	500W max.
(Cold Switch, 1us Pulse):	
Impedance:	50Ω
Voltage:	+28V DC
Current:	200mA max.
Control:	TTL High - 1
	TTL Low/NC - 0

**Mechanical**

Size*1:	53.98*57.15*24.64mm
	2.125*2.25*0.97in
RF Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-20~+70°C
Non-operating Temperature:	-55~+85°C

**Control True Table**

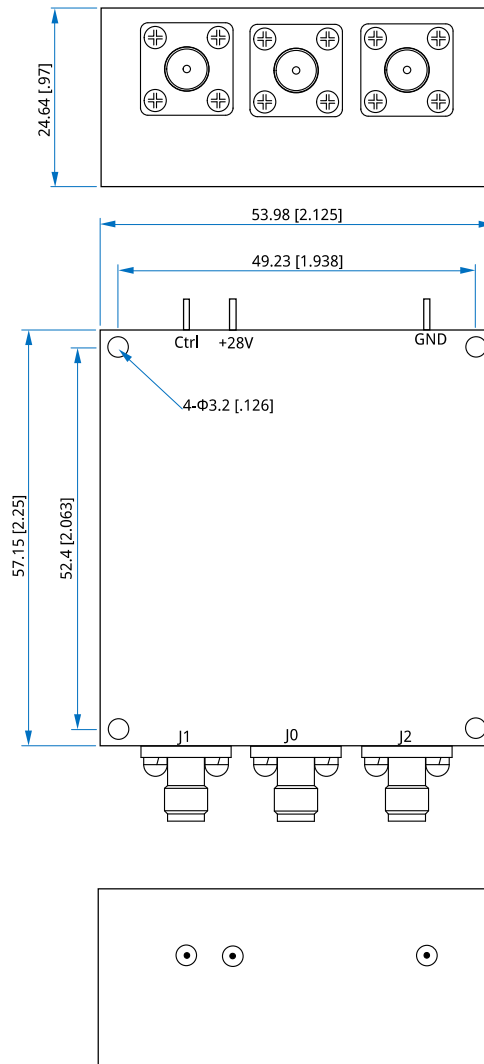
Ctrl	Connection
0	J0 - J1 On, J0 - J2 Off
1	J0 - J2 On, J0 - J1 Off

**How To Order**

[QPS2-20-530-R](#)

Customization is available upon request.

**Outline Drawings**



Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]