

# QPS3-1800-2200-R

## SP3T, 1.8~2.2GHz, Reflective

Features:  
 \* Low Insertion Loss  
 \* High Isolation

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	1.8~2.2GHz
Insertion Loss:	1.3dB max.
Isolation:	60dB typ.
VSWR:	1.8 max.
Power:	48dBm max.
Voltage:	+5V, +28V DC
Current:	100, 300mA
On/Off Delay:	200nS max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

### Mechanical

Size*1:	52*38*14mm 2.047*1.496*0.551in
Weight:	200g max.
Material:	Aluminum
RF Connectors:	SMA Female, removable Φ3.8mm inner pin
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

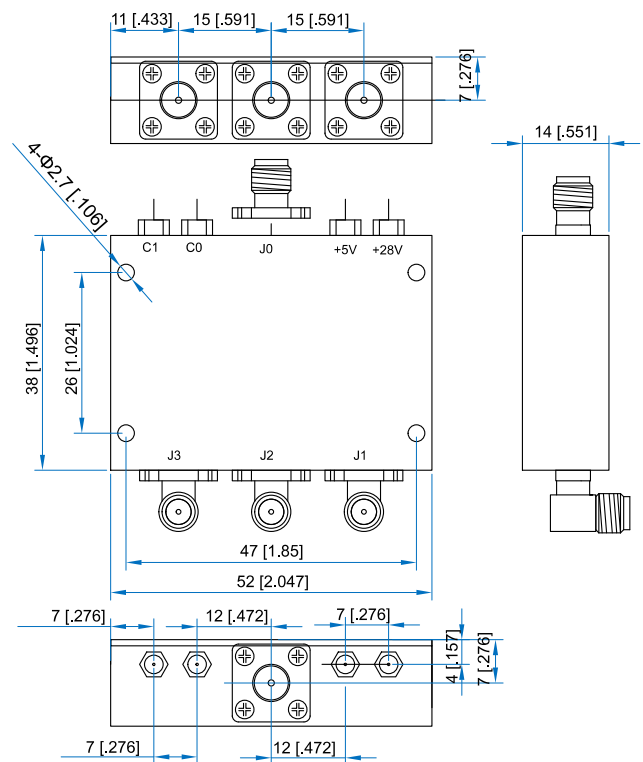
### Environmental

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+85°C

### Control True Table

C1	C2	Connection
0	0	J0 - J1 On
0	1	J0 - J2 On
1	0	J0 - J3 On
1	1	Off

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPS3-1800-2200-R**

Customization is available upon request.