

QPS2-10-3000-R

SPDT, 0.01~3GHz, Reflective

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	0.01~3GHz
Insertion Loss:	1.3dB max.
Isolation:	40dB min.
VSWR:	1.5 max.
Input Power:	46dBm max.
DC Power Dissipation:	0.7W typ.
P0.1dB:	46dBm typ.
IIP3:	48dBm typ.
Impedance:	50Ω
Voltage:	+5V DC
Current:	100mA max.
Control:	TTL High - 1 TTL Low/NC - 0

Mechanical

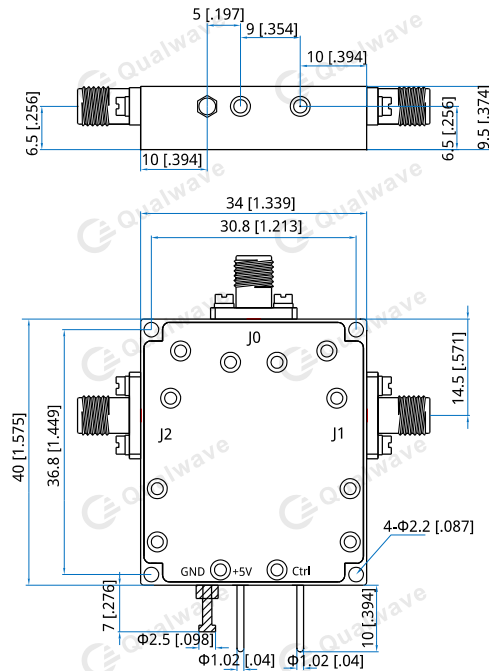
Size*1:	40*34*9.5mm 1.575*1.339*0.374in
Switching Time:	150nS max.
Weight:	4 Ounces max.
Material:	Gold Plated Copper
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-50~+105°C

Outline Drawings



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

Control True Table

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

How To Order

QPS2-10-3000-R

Customization is available upon request.