

# QPS6-1000-8000-A-1

## SP6T, 1~8GHz, Absorptive

Features:  
 \* Low Insertion Loss  
 \* High Isolation

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

### Electrical

Frequency:	1~8GHz
Insertion Loss:	2.5dB max.
Isolation:	65dB min.
VSWR:	1.5 max.
Input Power:	30dBm max.
Voltage/Current:	+5V@300mA max. -5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

### Mechanical

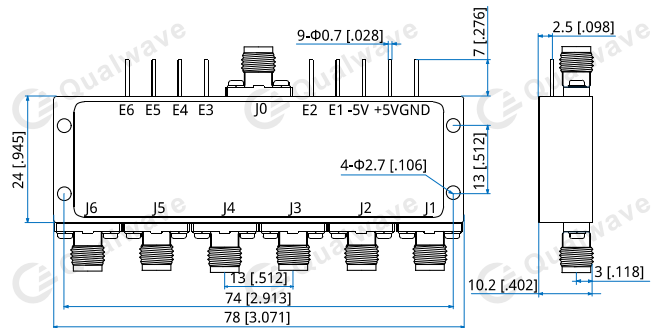
Size <sup>*1</sup> :	78*24*10.2mm 3.071*0.945*0.402in
Switching Time:	120ns max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

### Outline Drawings



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

### Control True Table

E1	E2	E3	E4	E5	E6	Connection
0	1	1	1	1	1	J0-J1
1	0	1	1	1	1	J0-J2
1	1	0	1	1	1	J0-J3
1	1	1	0	1	1	J0-J4
1	1	1	1	0	1	J0-J5
1	1	1	1	1	0	J0-J6

### How To Order

**QPS6-1000-8000-A-1**

Customization is available upon request.