

# QPS8-500-40000-A

## SP8T, 0.5~40GHz, Absorptive

Features:  
 \* Low Insertion Loss  
 \* High Isolation

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

### Electrical

Frequency:	0.5~40GHz
Insertion Loss:	10dB max.
Isolation:	45dB min.
VSWR:	3 max.
Input Power:	23dBm max.
Voltage/Current:	+5V/120mA typ. -5V/50mA typ.
Impedance:	50Ω
Control:	TTL High - 1 TTL Low/NC - 0

### Mechanical

Switching Time:	50ns max.
RF Connectors:	2.92mm female
Weight:	45g
Mounting:	4-Φ2.3mm through-hole

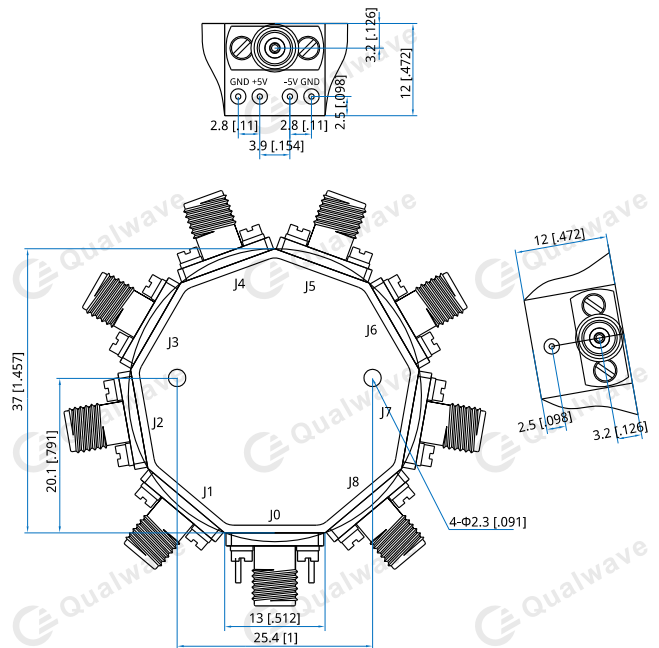
### Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

### Control True Table

J8	J7	J6	J5	J4	J3	J2	J1	Connection
1	1	1	1	1	1	1	0	J0 - J1
1	1	1	1	1	1	0	1	J0 - J2
1	1	1	1	1	0	1	1	J0 - J3
1	1	1	1	0	1	1	1	J0 - J4
1	1	1	0	1	1	1	1	J0 - J5
1	1	0	1	1	1	1	1	J0 - J6
1	0	1	1	1	1	1	1	J0 - J7
0	1	1	1	1	1	1	1	J0 - J8

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPS8-500-40000-A**

Customization is available upon request.