

## QDPS-400-800-360-6

0.4~0.8GHz, 360°, 6Bits

Features:  
 \* Broadband  
 \* High Reliable

Applications:  
 \* Laboratory Test  
 \* Instrumentation

### Electrical

Frequency:	0.4~0.8GHz
Insertion Loss:	7dB typ.
Phase Range:	360° typ.
Control Bits:	6 Bits
Step:	5.625° typ.
VSWR:	1.8 typ.
Voltage/Current:	-5V/10mA typ.
Impedance:	50Ω
Input Power:	24dBm max.
TTL Control Voltage:	0: 0V 1: +3.8~+5V

### Mechanical

Size*1:	22*28*10.5mm 0.866*1.102*0.413in
RF Connectors:	SMA Female
Power Supply Connectors:	J30J-9ZKSP
Material:	Aluminum

[1] Exclude connectors.

### Control True Table

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
C1	C2	C3	C4	C5	C6	VEE	GND	GND

### Logic Table

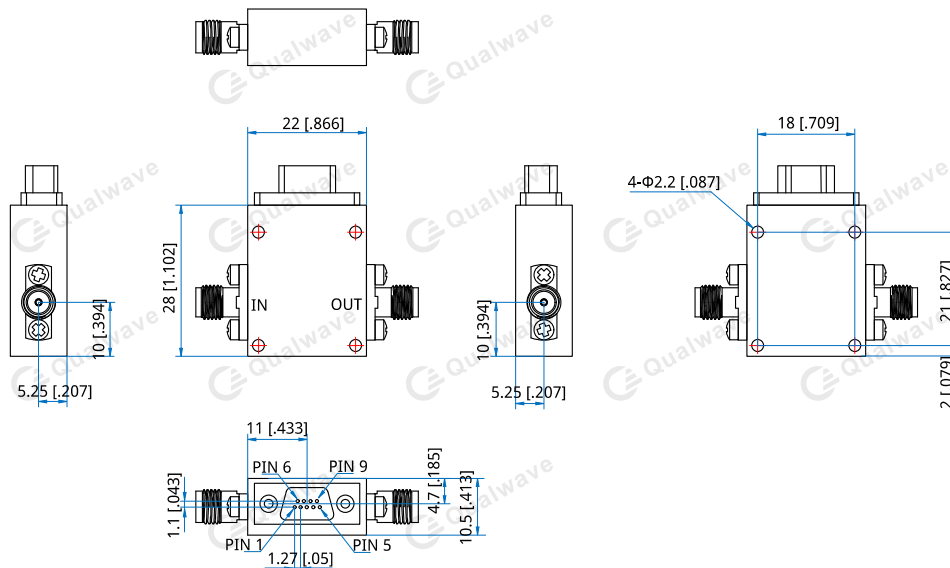
C1	C2	C3	C4	C5	C6	VEE	
0	0	0	0	0	0		0
1	0	0	0	0	0		-5.625°
0	1	0	0	0	0		-11.25°
0	0	1	0	0	0		-22.5°
0	0	0	1	0	0	-5	-45°
0	0	0	0	1	0		-90°
0	0	0	0	0	1		-180°
1	1	1	1	1	1		-360°

### How To Order

**QDPS-400-800-360-6**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]