

QDPS-400-2000-360-6

0.4~2GHz, 360°, 6Bits

Features:
 * Broadband
 * High Reliable

Applications:
 * Laboratory Test
 * Instrumentation

Electrical

| | |
|------------------|-------------|
| Frequency: | 0.4~2GHz |
| Insertion Loss: | 19dB max. |
| Phase Range: | 360° |
| Control Bits: | 6 Bits |
| Step: | 5.625° typ. |
| Phase Flatness: | ±3° typ. |
| Phase Accuracy: | ±3° typ. |
| VSWR: | 2.2 max. |
| Voltage/Current: | -5V/0.01A |
| Impedance: | 50Ω |
| Power: | +24dBm |

Mechanical

| | |
|--------------------------|-----------------------------------|
| Size ^{*1} : | 24*18*12mm 0.945*0.709*0.472in |
| RF Connectors: | SMA Female |
| Power Supply Connectors: | Feed Through/Terminal Post |

[1] Exclude connectors.

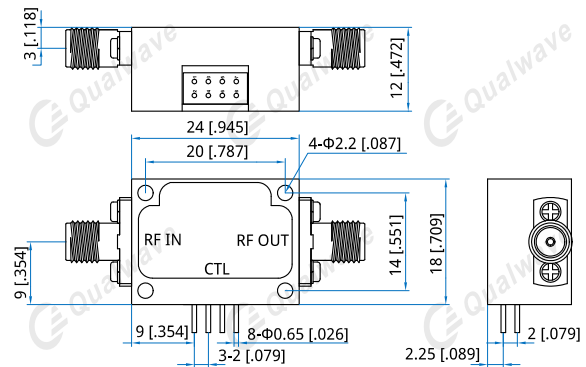
Environmental

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

Control True Table

| Pin 1 | Pin 2 | Pin 3 | Pin 4 | Pin 5 | Pin 6 | Pin 7 | Pin 8 |
|-------|-------|-------|-------|-------|-------|-------|-------|
| E6 | E5 | E4 | E3 | E2 | E1 | GND | VEE |

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Logic Table

| E1 | E2 | E3 | E4 | E5 | E6 | 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 | -45° |
| 0 | 0 | 0 | 0 | 1 | 0 | -90° |
| 0 | 0 | 0 | 0 | 0 | 1 | -180° |
| 1 | 1 | 1 | 1 | 1 | 1 | -354.375° |

How To Order

[QDPS-400-2000-360-6](#)

Customization is available upon request.