Qualwave

Voltage Controlled Phase Shifter

QVPS360-950-2000

0.95~2GHz, 360°



Features:
* Low Insertion Loss
* High Reliable

Applications:
* Laboratory Test
* Telecommunication
* Wireless
* Instrumentation

Electrical

Frequency:	0.95~2GHz
Phase Range:	360° min.
Insertion Loss:	5dB typ.
Phase Flatness:	±20° typ.
Control Voltage:	0~14V max.
Current:	10mA typ.
VSWR:	1.5 typ.
Phase Shifting Switching Time:	240ns typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	20dBm
Voltage:	-0.5~18V
ESD Protection Level (HBM):	Class 1A

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

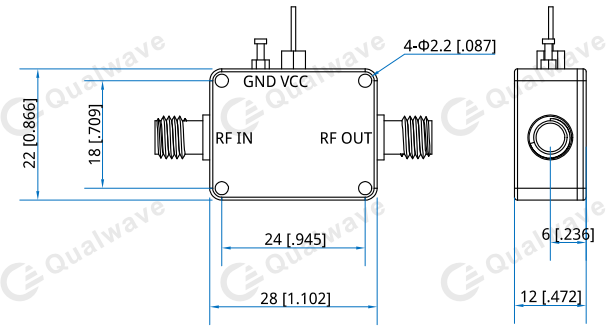
Size*2:	22*28*12mm
	0.866*1.102*0.472in
RF Connectors:	SMA female
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

QVPS360-950-2000

Customization is available upon request.

Typical Performance Curves

