

FEATURES :

- *Octave-wide Bandwidth*
- *Low Insertion Loss*
- *Small package*
- *Low cost*

SPECIFICATIONS

Frequency Range, [MHz]	7 - 14
Insertion Loss, typ/max [dB] (above 3dB Split Loss)	0.3 / 0.4
Isolation, typ/min [dB]	25 / 20
Amplitude Balance, typ/max [dB]	±0.4 / ±0.5
Phase Balance, typ/max [degrees]	±1 / ±2
VSWR	1.1 : 1

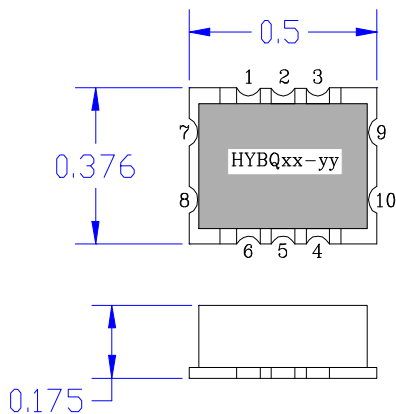
Operating Characteristics

Input Power, max. [mW] with matched loads	1000
Impedance, [Ohm]	50
Operating Temperature	-20°C to +70°C

Ordering Information

Model No.	Package
HYBQ7-14	H1

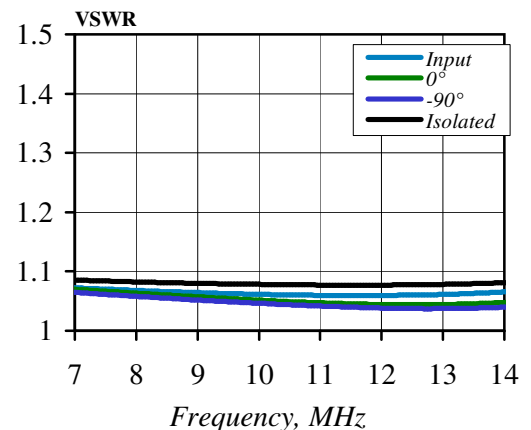
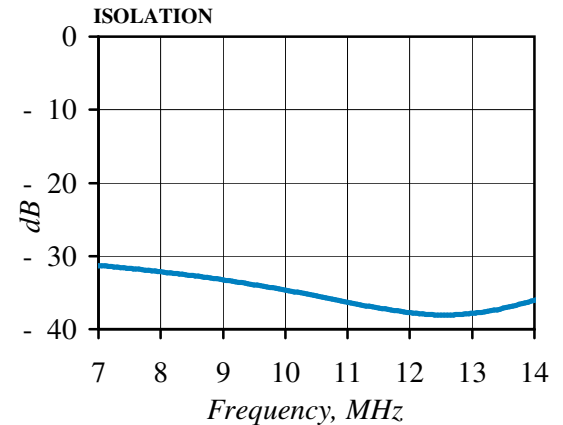
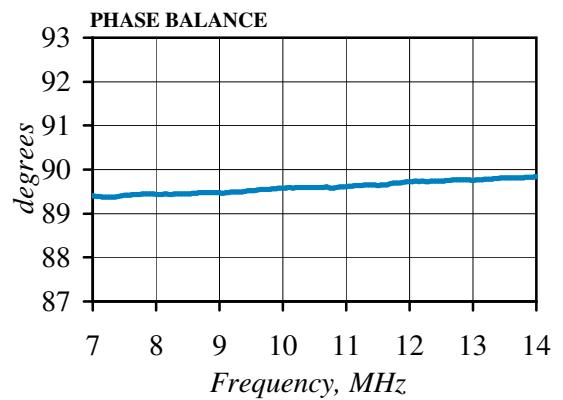
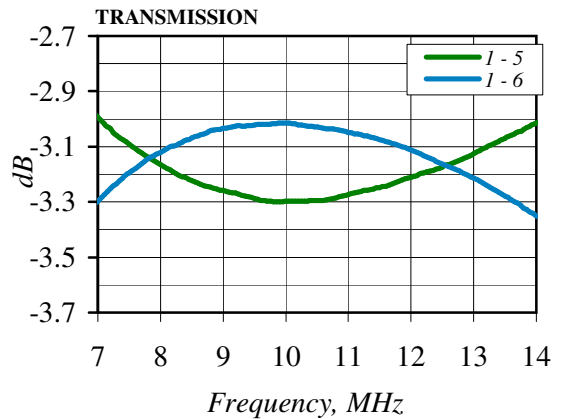
Outline drawing H1 dimensions in inches



PIN-OUT TABLE	
1	INPUT
2	ISOLATED *
5	-90° OUT
6	0° OUT
3,4	NC
7,8	GND
9,10	GND

* Terminate isolated port with 50 ohm externally

Typical Performance



Specifications Subject To Change Without Notice