

FEATURES :

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

SPECIFICATIONS

Frequency Range, [MHz]	55 - 110
Insertion Loss, typ/max [dB] (above 3dB Split Loss)	0.4 / 0.6
Isolation, typ/min [dB]	25 / 20
Amplitude Balance, typ/max [dB]	±0.5 / ±0.8
Phase Balance, typ/max [degrees]	±2 / ±3
VSWR	1.2 : 1

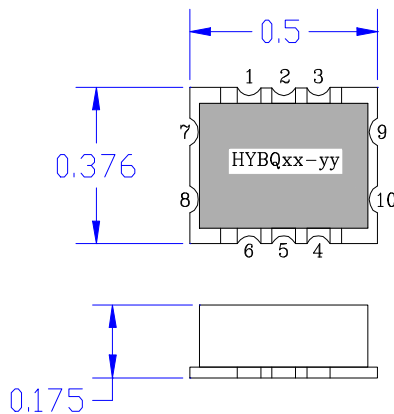
Operating Characteristics

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

Ordering Information

Model No.	Package
HYBQ55-110	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

