

180° Hybrid Junctions

2 - 200 MHz

HH-106/107

V2.00

Features

- 0°-180° Hybrid with Symmetrical Time Delay Between Ports
- Available in Flatpack and Connectorized Packages

Guaranteed Specifications* (From -55°C to +85°C)

Frequency Range		2-200 MHz	
Insertion Loss (Less coupling)		1.0 dB Max	
Isolation	A-B	2-200 MHz	25 dB Min
		5-50 MHz	30 dB Min
	C-D	2-200 MHz	30 dB Min
		5-50 MHz	35 dB Min
Amplitude Balance		0.3 dB Max	
VSWR	2-200 MHz		1.5:1 Max
	5-50 MHz		1.3:1 Max
Phase Balance		3° Max	

Operating Characteristics

Impedance 50 Ohms Nominal

Input Power 1 Watt Max

Environmental

MIL-STD-202 screening available.

Pin Configuration

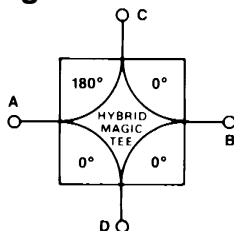
HH-106

A; P1, C; P4, B; P5, D; P8.

All other pins and case ground.

*All specifications apply with 50 ohm source and load impedance.

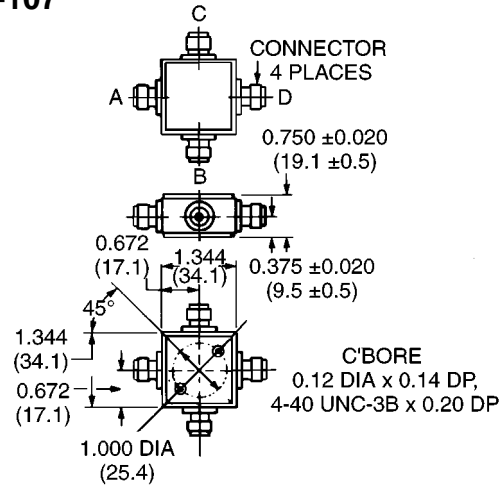
Functional Diagram



Ordering Information

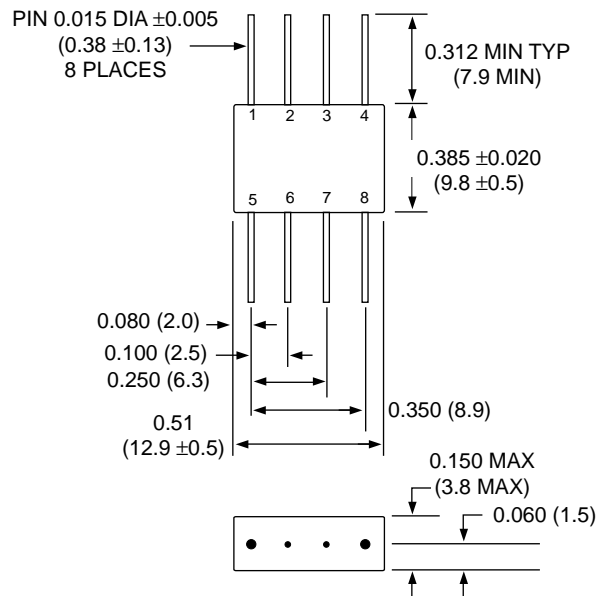
Model No.	Package
HH-106 PIN	FP-2
HH-107 BNC	C-8-107
HH-107 SMA	C-8-107

C-8-107



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.015 (.x = ±0.4)
WEIGHT (APPROX.): 2.5 OUNCES 71 GRAMS

FP-2



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
.xx = ±0.02 (.x = ±0.5)
WEIGHT (APPROX.): 0.09 OUNCES 2.5 GRAMS

Specifications Subject to Change Without Notice.

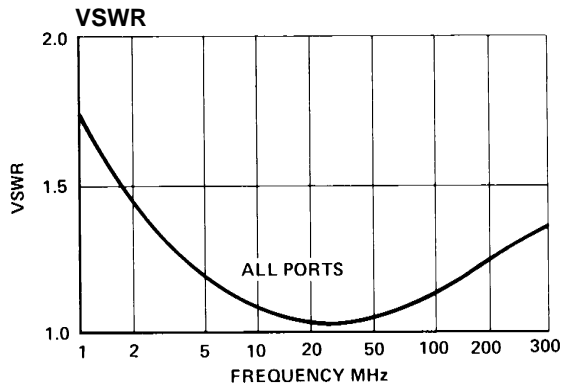
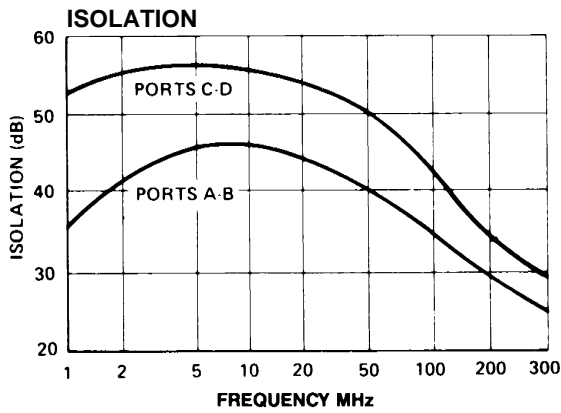
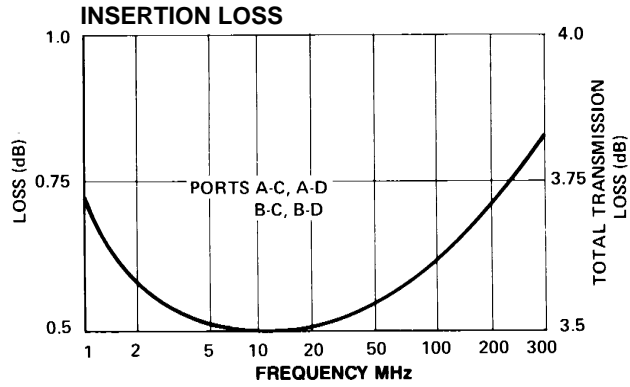
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Typical Performance



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