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)

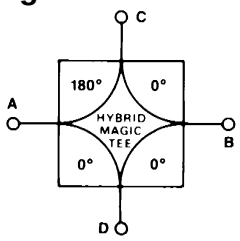
Frequency Range			2-200 MHz
Insertion Loss (Less coupling)			1.0 dB Max
Isolation	A-B	2-200 MHz	25 dB Min
		5-50 MHz	30 dB Min
	C-D	2-200 MHz	30 dB Min
		5-50 MHz	35 dB Min
Amplitude Balance			0.3 dB Max
VSWR		2-200 MHz	1.5:1 Max
		5-50 MHz	1.3:1 Max
Phase Balance			3° Max

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.

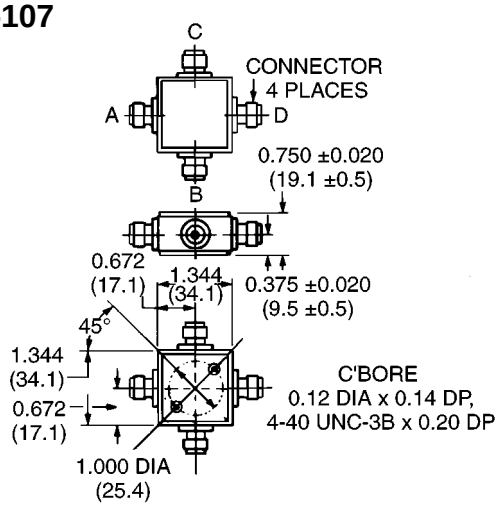
Functional Diagram



Ordering Information

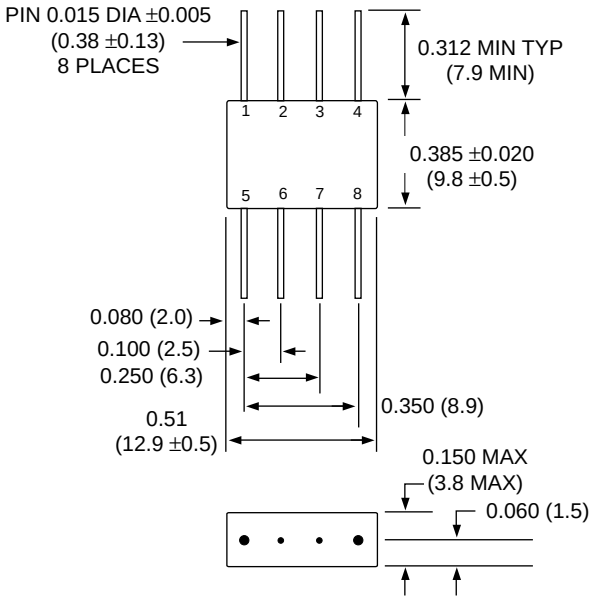
Model No.			Package
HH-106	PIN	FP-2	Flatpack
HH-107	BNC	C-8-107	Connectorized
HH-107	SMA	C-8-107	Connectorized

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

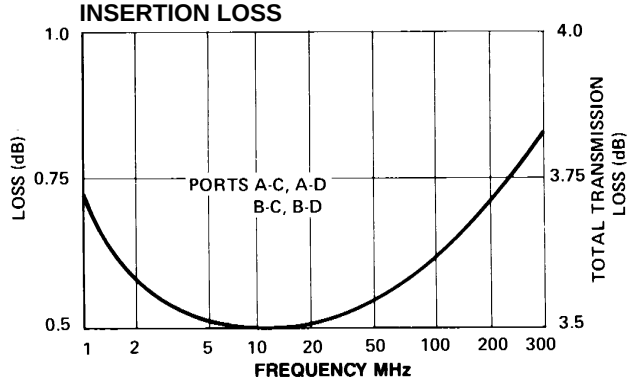


Dimensions in ( ) are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
.xx = ±0.02 (.x = ±0.5)
WEIGHT (APPROX.): 0.09 OUNCES 2.5 GRAMS

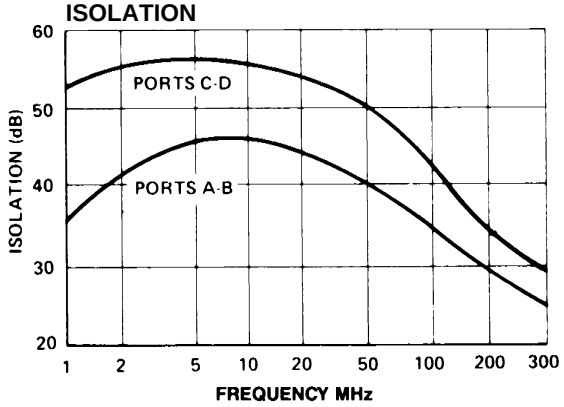
North America: Tel. (800) 366-2266 Fax (800) 618-8883 ■ Asia/Pacific: Tel. +81 (03) 3226-1671 Fax +81 (03) 3226-1451 ■ Europe: Tel. +44 (1344) 869 595 Fax +44 (1344) 300 020

Typical Performance

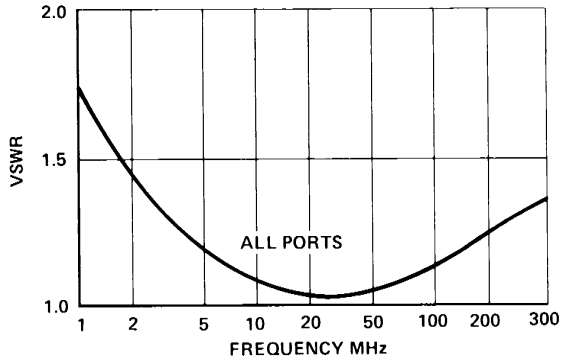
INSERTION LOSS



ISOLATION



VSWR



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