Hybrid Junction
20 - 300 MHz

HH-105

V2.00

Features

- 0° - 180° Hybrid in TO-5 Package
- High Isolation

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

Frequency Range	20-300 MHz
Insertion Loss (Less Coupling)	1.0 dB Max
Isolation	28 dB Min
Amplitude Balance	0.25 dB Max**
VSWR	1.3:1 Max
Phase Balance	2° Max**

Operating Characteristics

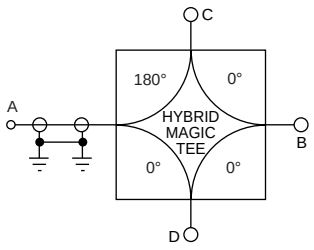
Impedance	50 Ohms Nominal
Input Power	0.5 Watts Max
Environmental MIL-STD-202 screening available.	
Pin Configuration	A; P1, B; P2, D; P3, C; P4 Case ground

*All specifications apply with 50 ohm source and load impedance.
**Differences measure between C & D feeding A or B.

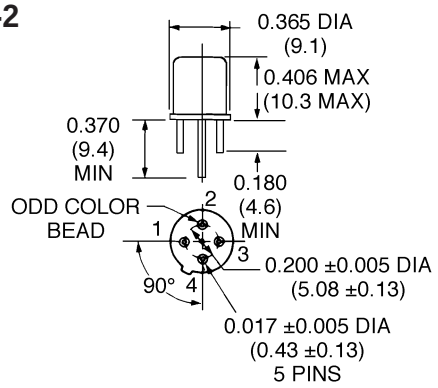
Ordering Information

Part Number	Package
HH-105 PIN	TO-5-2

Functional Diagram



TO-5-2

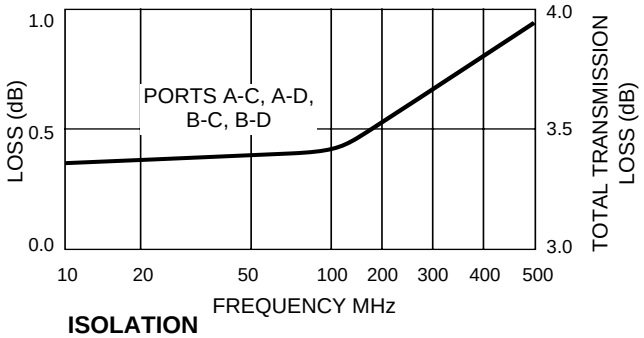


Dimensions in ( ) are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
.xx = ±0.02 (.x = ±0.5)
MOUNTING AREA: 0.1 SQ. IN. 0.6 SQ. CM.
WEIGHT (APPROX.): 0.11 OUNCES 3 GRAMS

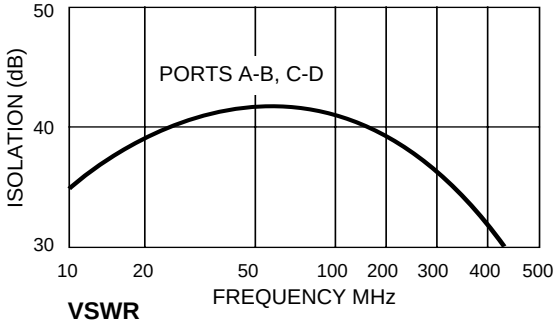
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Specifications subject to change without notice.

Typical Performance

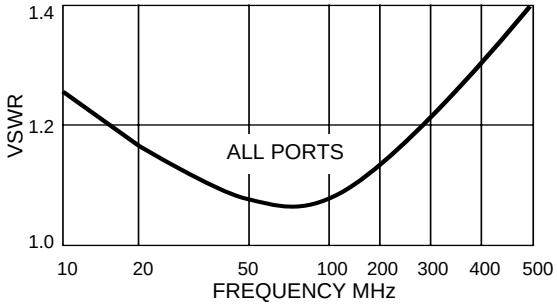
INSERTION LOSS



ISOLATION



VSWR



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