

Three-Port Quadrature Hybrid

20 - 200 MHz

JH-131

V2.00

Features

- Internally Terminated Fourth Port
- Amplitude Balance 0.4 dB
- Impedance: 50 Ohms Nom.
- Input Power: 250 mW Max.
- MIL-STD-202 Screening Available

C-13

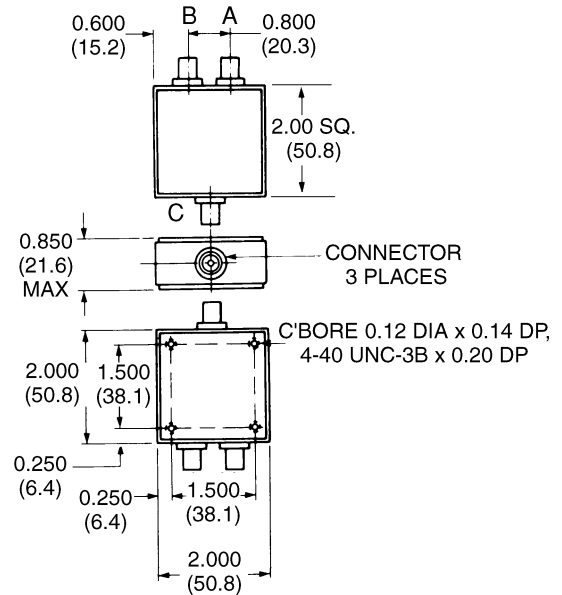
Guaranteed Specifications* (From -55°C to +85°C)

Frequency Range	20 - 200 MHz
Insertion Loss (Less Coupling)	1.0 dB Max.
Isolation	20 dB Min.
Amplitude Balance	0.4 dB Max.
VSWR	1.4:1 Max.
Deviation from Quadrature	6° Max.

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

Phasing Diagram

OUT \ IN	A	B	C
A	X	ISO	0°
B	ISO	X	-90°
C	0°	-90°	X



Dimensions in () are in mm.
 Unless Otherwise Noted: .xxx = ±0.015 (.x = ±0.4)
 WEIGHT (APPROX): 3.28 OUNCES 93 GRAMS

Ordering Information

Part No.	Package
JH-131 BNC	Connectorized
JH-131 SMA	Connectorized
JH-131 N	Connectorized
JH-131 TNC	Connectorized

Typical Performance

