

Quadrature Hybrid

20 - 140 MHz

JH-10-4

V2.00

Features

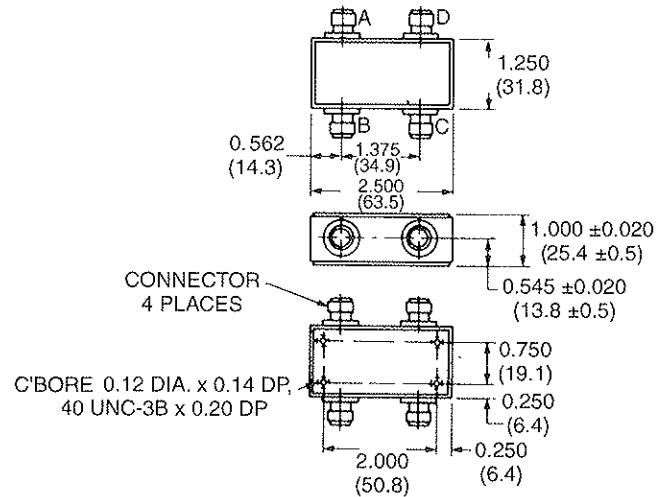
- Multi-Octave Bandwidth
- Low VSWR: 1.25:1
- Amplitude Balance: 0.6 dB
- Impedance: 50 Ohms Nom.
- Input Power: 1 W. Max.
- MIL-STD-202 Screening Available

C-10

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

Frequency Range	20 - 140 MHz
Insertion Loss (Less coupling)	1.0 dB Max.
Isolation	20 dB Min.
Amplitude Balance	0.6 dB Max.
VSWR	1.25:1 Max.
Deviation From Quadrature	3° Max.

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



Dimensions in () are in mm.
 Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
 .xx = ±0.02 (.x = ±0.5)
 Weight (Approx.) 3.6 Ounces 102 Grams

Phasing Diagram

OUT IN	A	B	C	D
A	X	ISO.	0°	-90°
B	ISO.	X	-90°	0°
C	0°	-90°	X	ISO.
D	-90°	0°	ISO.	X

Ordering Information

Part Number	Package
JH-10-4 BNC	Connectorized
JH-10-4 SMA	Connectorized
JH-10-4 N	Connectorized
JH-10-4 TNC	Connectorized

Typical Performance

