

"High Frequency Ceramic Solutions"

Splitter, 3dB Hybrid; 1452 - 1492 MHz

P/N 1472CH15A050

Detail Specification: 10/12/06

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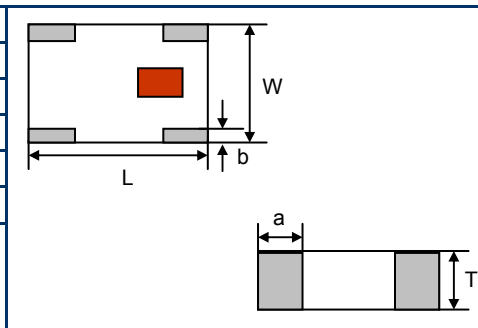
General Specifications (based on term. contact seeing a 50 ohm load)

Part Number	1472CH15A050
Frequency (MHz)	1452 - 1492
Insertion Loss @ BW	3.3 $\pm$ 0.5 dB max.
Return Loss (dB)	14.0 min.
Amplitude Balance (dB)	1.0 max.
Phase Deviation	90° $\pm$ 3
Isolation (dB)	16.0 min.

Power Capacity	1 Watt max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4,000

Mechanical Dimensions

	In	mm
L	0.080 $\pm$ 0.004	2.03 $\pm$ 0.10
W	0.049 $\pm$ 0.004	1.25 $\pm$ 0.10
T	0.028 $\pm$ 0.004	0.70 $\pm$ 0.10
a	0.022 $\pm$ 0.010	0.56 $\pm$ 0.25
b	0.014 $\pm$ 0.006	0.35 $\pm$ 0.15



Terminal Configuration

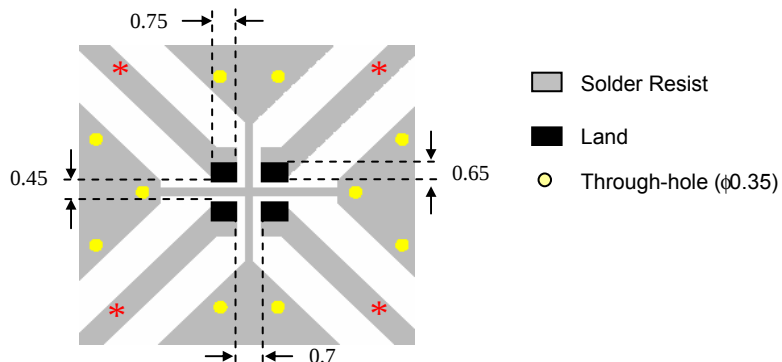
No.	Function
1	50 ohm
2	IN
3	OUT2
4	OUT1

Mounting Considerations

Mount these devices with brown mark facing up.

Line width should provide 50 Ω impedance matching characteristics.

Units: mm



Johanson Technology, Inc. reserves the right to make design changes without notice.
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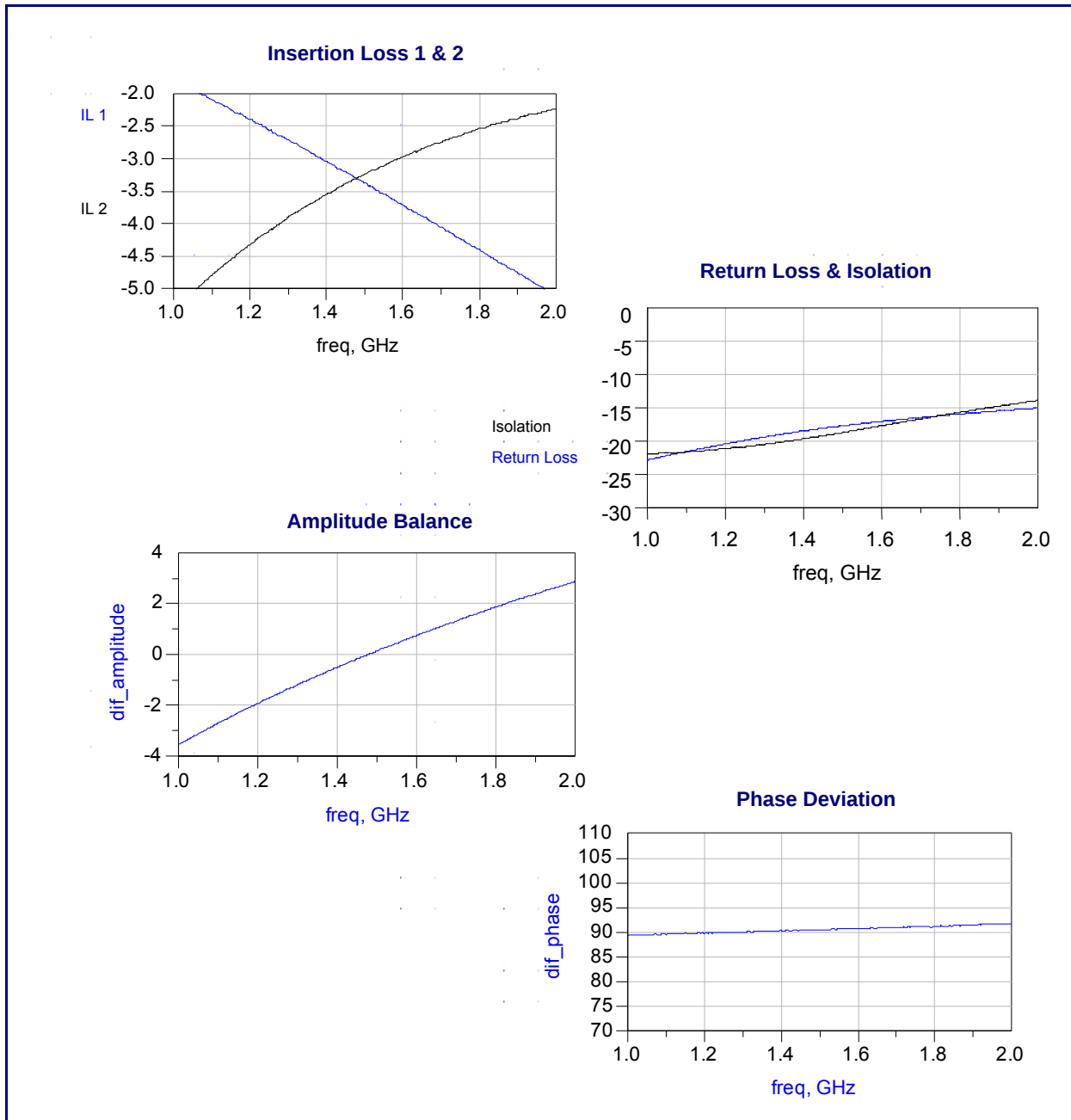
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Typical Electrical Characteristics (T=25°C)



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