

# "High Frequency Ceramic Solutions"

Preliminary

**Splitter; 1560 - 1590 MHz**

**P/N 1575CH15A0030**

Detail Specification: 12/09/08

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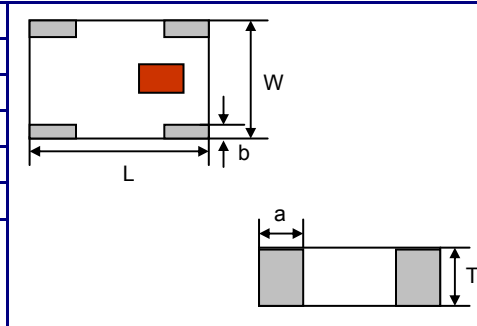
## General Specifications

<b>Part Number</b>	1575CH15A0030
<b>Frequency (MHz)</b>	1560 - 1590
<b>Insertion Loss (dB)</b>	3.3 ± 0.5 dB max.
<b>Return Loss (dB)</b>	10.0 min.
<b>Amplitude Balance (dB)</b>	1.0 max.
<b>Phase Deviation</b>	90° ± 3
<b>Isolation (dB)</b>	16.0 min.

<b>Power Capacity</b>	3 Watts max.
<b>Impedance</b>	50 Ω
<b>Reel Quantity</b>	4,000
<b>Operating Temperature</b>	-40 to +85°C
<b>Storage Temperature</b>	+5 ~ +35°C, Humidity 45-75%RH
<b>Storage Period</b>	12 months max.

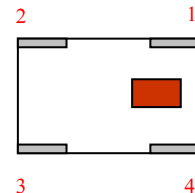
## Mechanical Dimensions

	In	mm
<b>L</b>	0.079 ± 0.004	2.00 ± 0.10
<b>W</b>	0.049 ± 0.004	1.25 ± 0.10
<b>T</b>	0.028 ± 0.004	0.70 ± 0.10
<b>a</b>	0.022 ± 0.010	0.56 ± 0.25
<b>b</b>	0.014 ± 0.006	0.35 ± 0.15



## Terminal Configuration

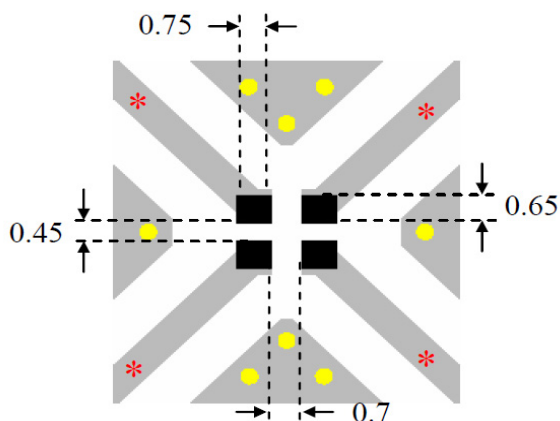
No.	Function
1	50 ohm
2	IN
3	OUT2
4	OUT1






## Mounting Considerations

Mount these devices with brown mark facing up.

\* Line width should provide 50Ω impedance matching characteristics, depending on PCB material and thickness.

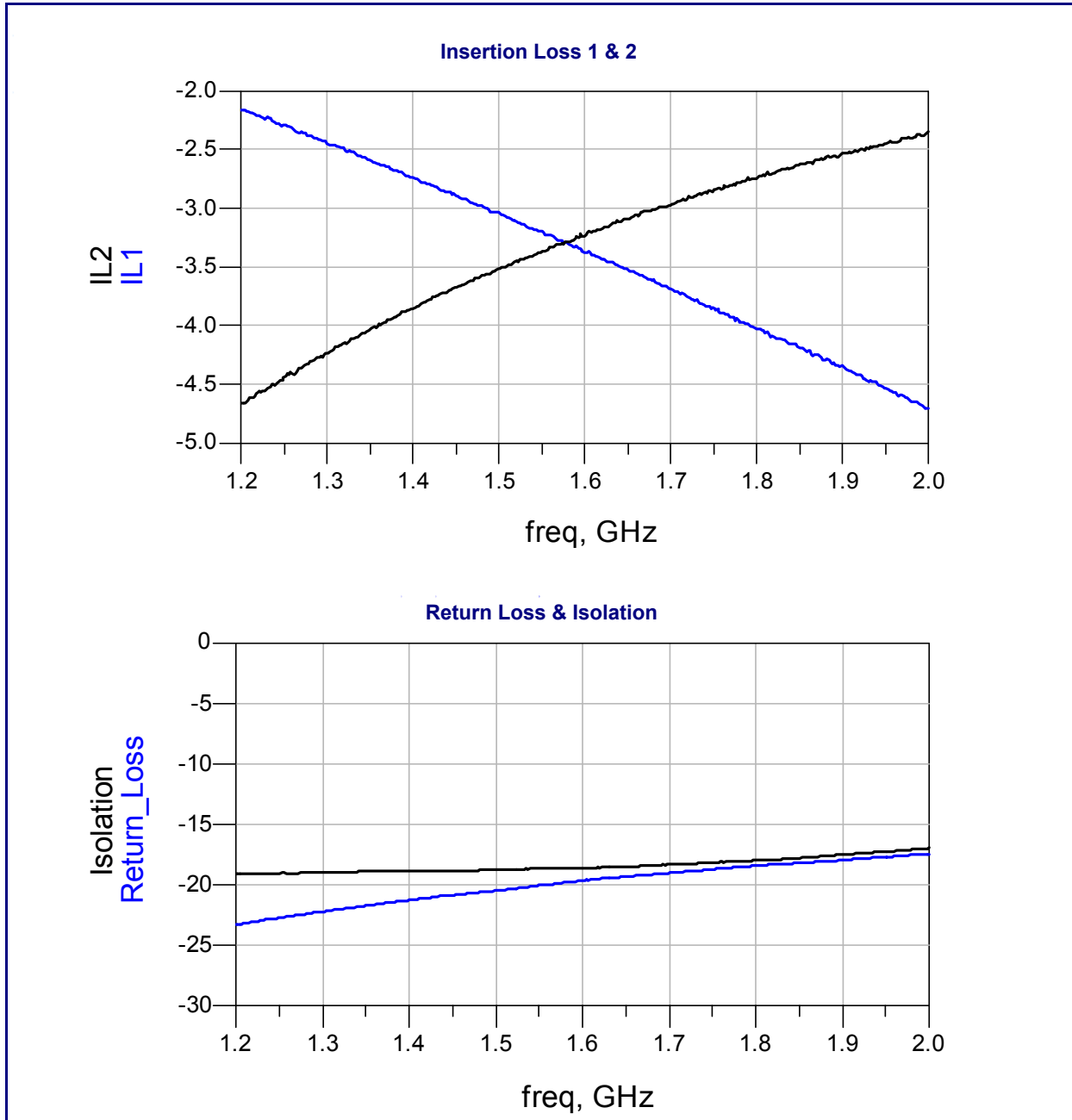


-  Solder Resist
-  Land
-  Through-hole ( $\phi 0.35$ )

Units: mm

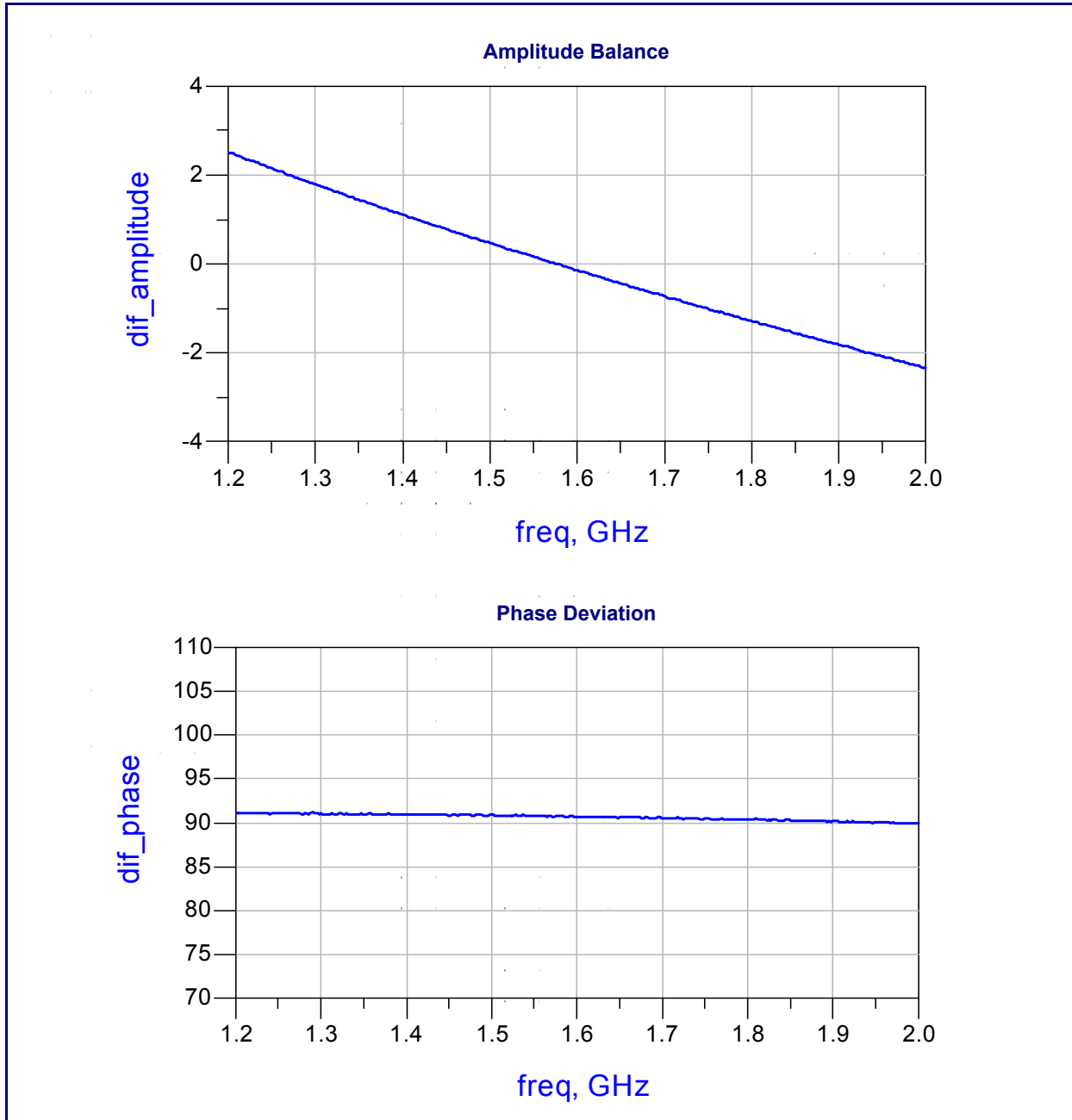
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## Typical Electrical Characteristics (T=25°C)



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