



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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"High Frequency Ceramic Solutions"

Preliminary

Splitter; 1560 - 1590 MHz

P/N 1575CH15A0030

Detail Specification: 12/09/08

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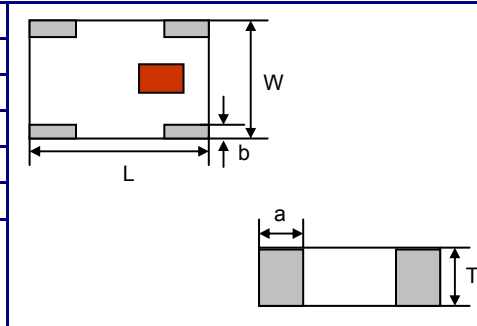
General Specifications

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

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

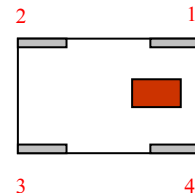
Mechanical Dimensions

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



Terminal Configuration

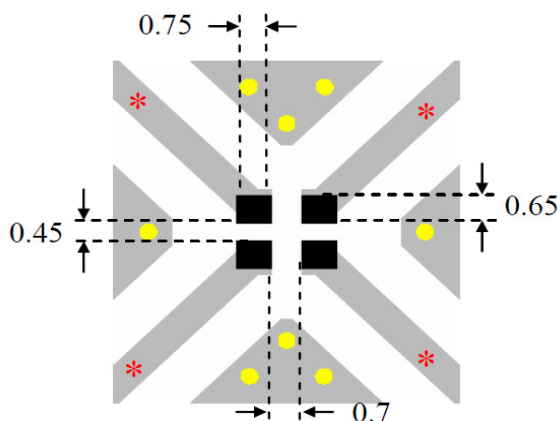
| No. | Function |
|-----|----------|
| 1 | 50 ohm |
| 2 | IN |
| 3 | OUT2 |
| 4 | OUT1 |






Mounting Considerations

Mount these devices with brown mark facing up.

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

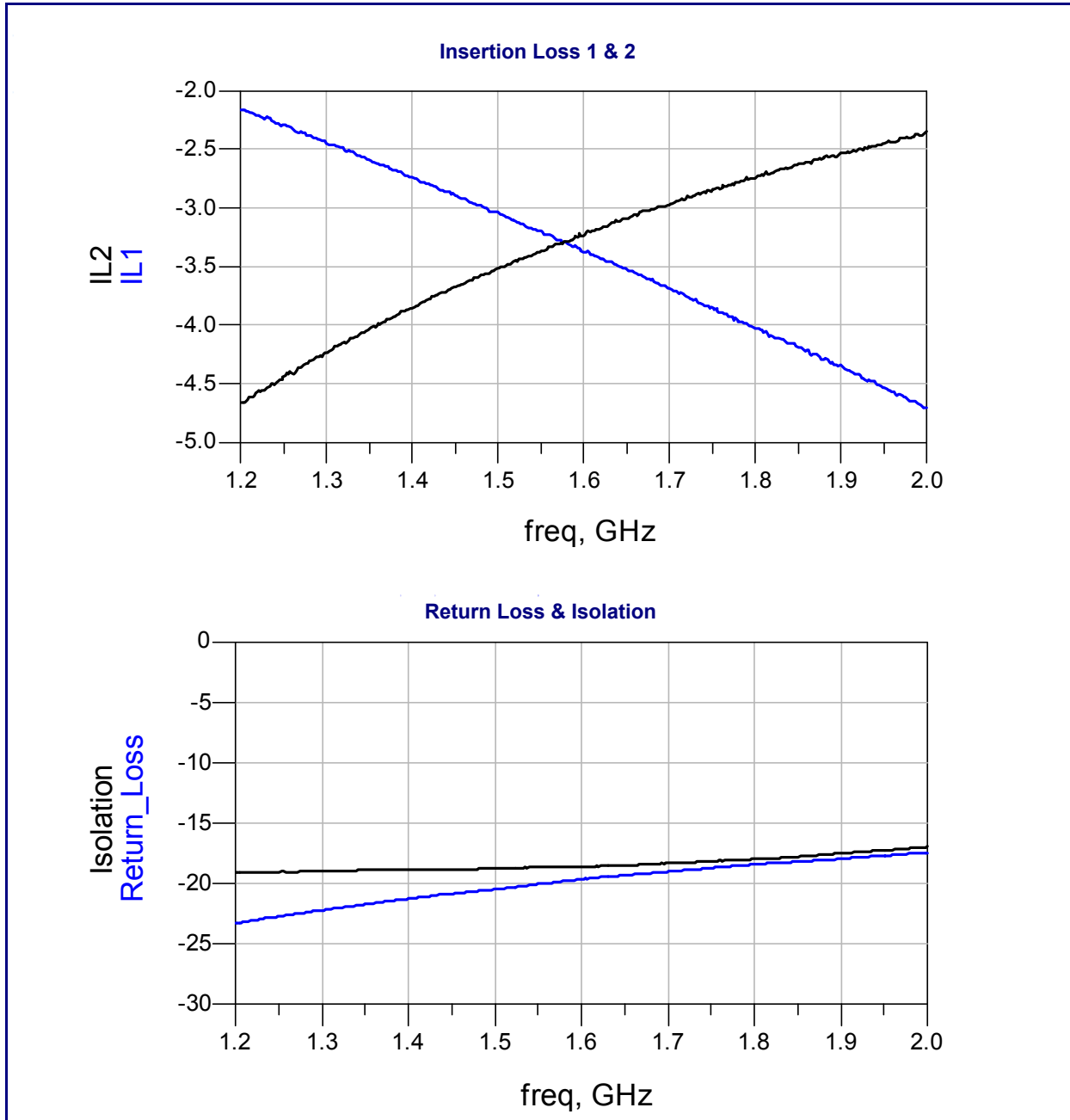


-  Solder Resist
-  Land
-  Through-hole ($\phi 0.35$)

Units: mm

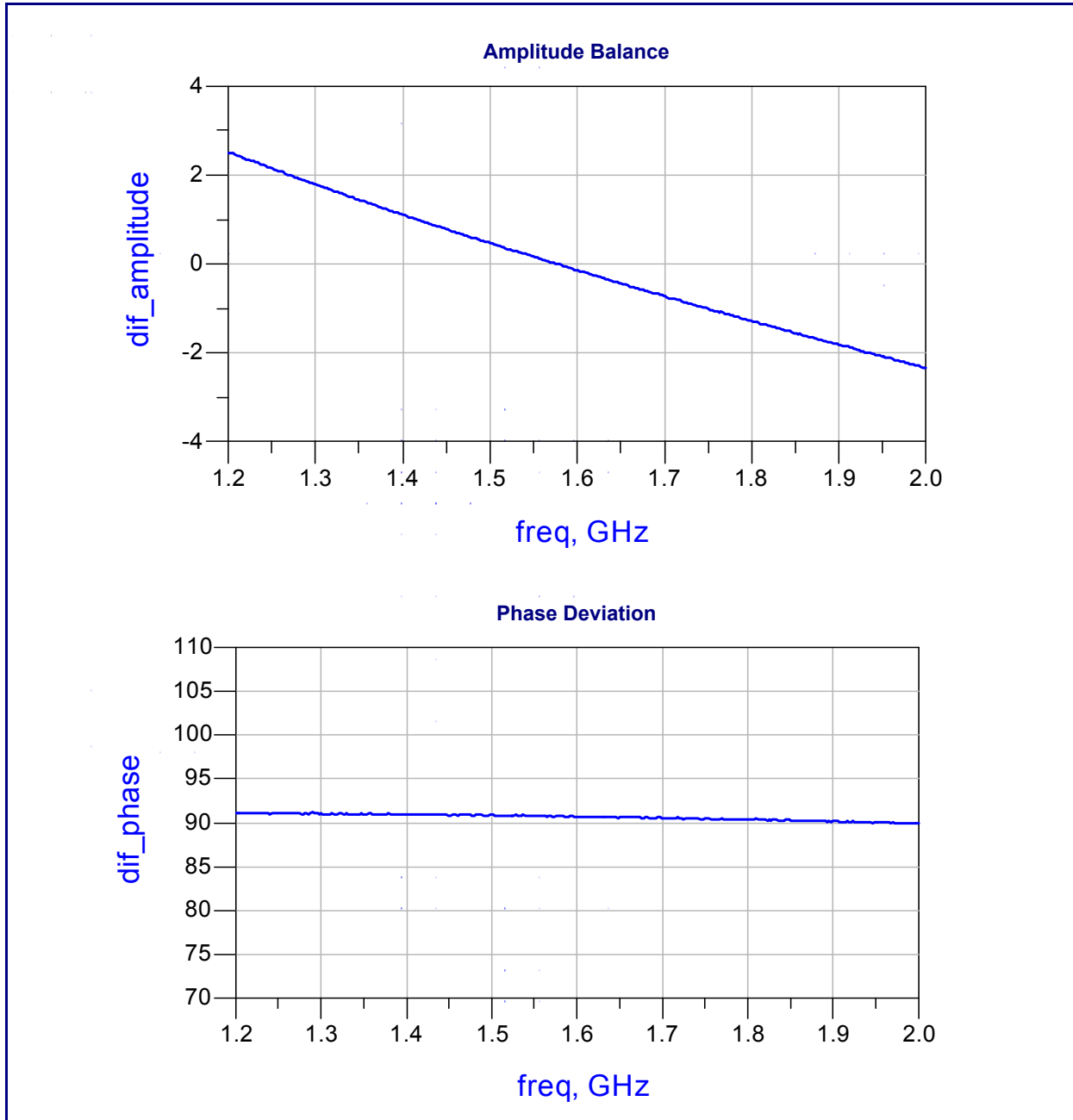
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Typical Electrical Characteristics (T=25°C)



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