

"High Frequency Ceramic Solutions"

Preliminary

Splitter; 1560 - 1590 MHz

P/N 1575CH15A0030

Detail Specification: 12/09/08

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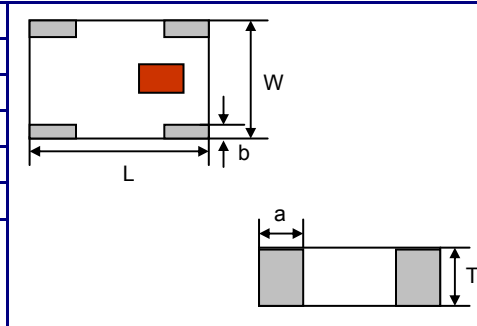
General Specifications

| | |
|-------------------------------|-------------------|
| 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. |

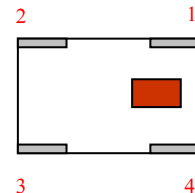
Mechanical Dimensions

| | 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

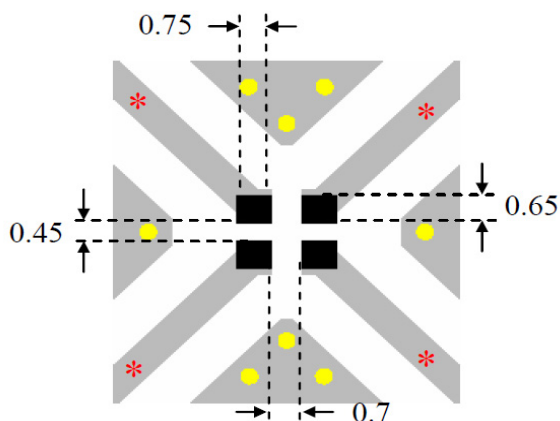
| No. | Function |
|-----|----------|
| 1 | 50 ohm |
| 2 | IN |
| 3 | OUT2 |
| 4 | OUT1 |






Mounting Considerations

Mount these devices with brown mark facing up.

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

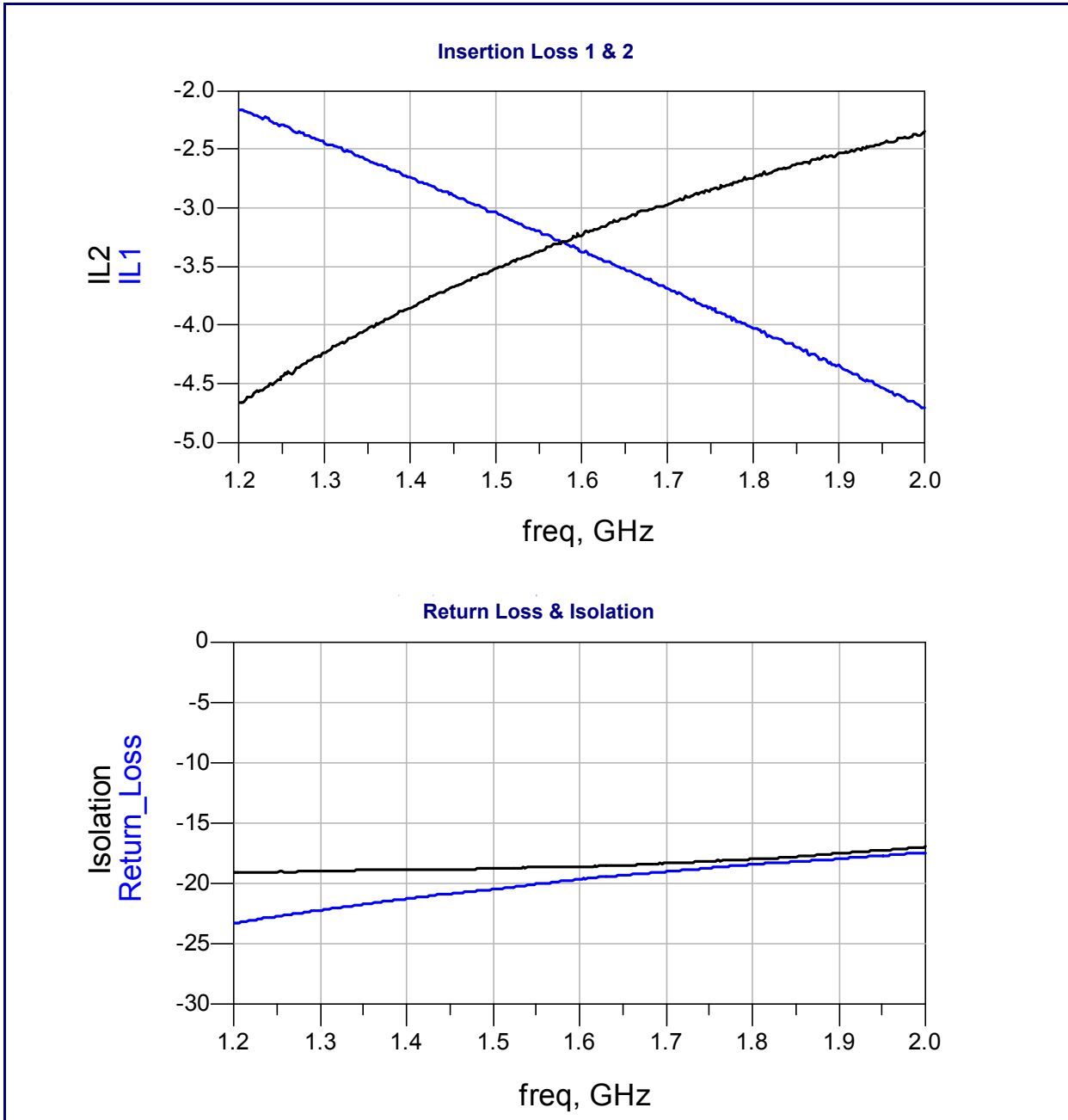


-  Solder Resist
-  Land
-  Through-hole ($\phi 0.35$)

Units: mm

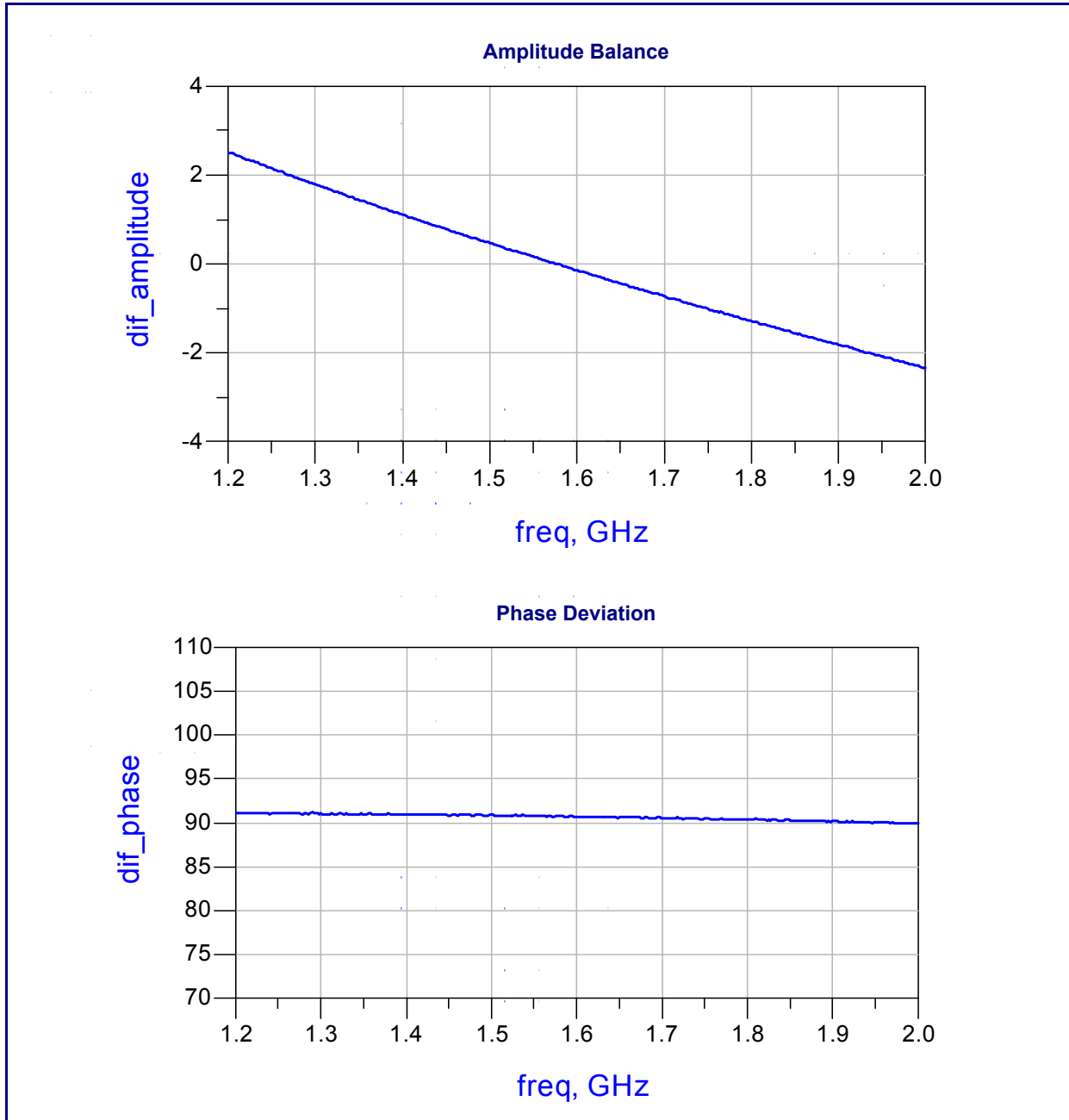
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Typical Electrical Characteristics (T=25°C)



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