

High Frequency Ceramic Solutions

1.5/2.4/5 GHz Triplexer for GPS/BLE/WLAN, EIA 0805

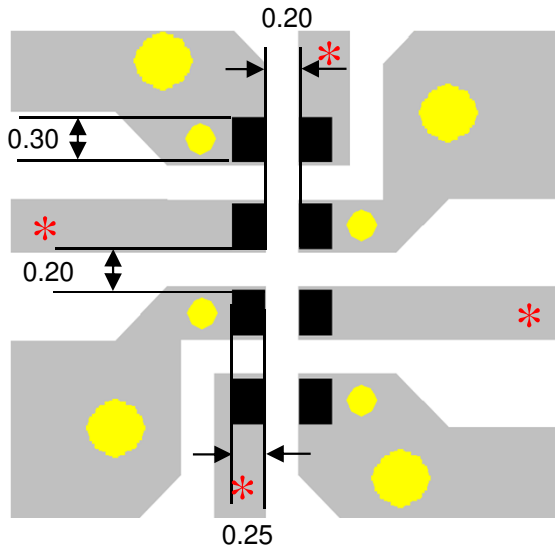
P/N 1590TP15D5500

Detail Specification: 1/7/2021

Page 2 of 4

Mounting Considerations (Evaluation Board)

Units in mm



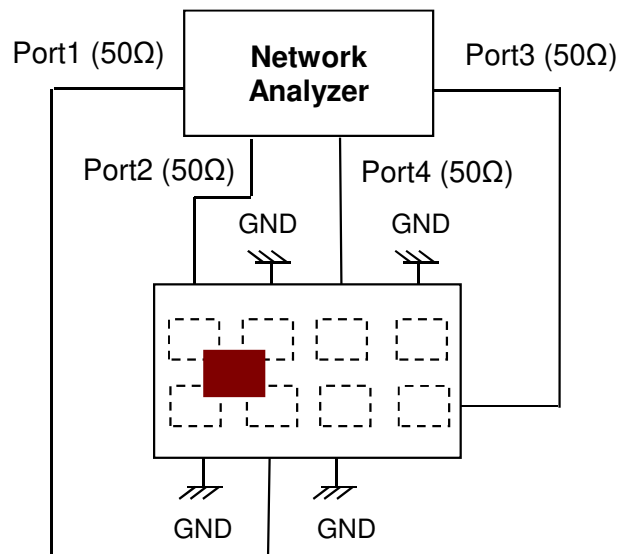
■ Solder Resist

■ Land

● GND Via (ϕ 0.20/0.35)

*Transmission line width should be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.

Measuring Diagram



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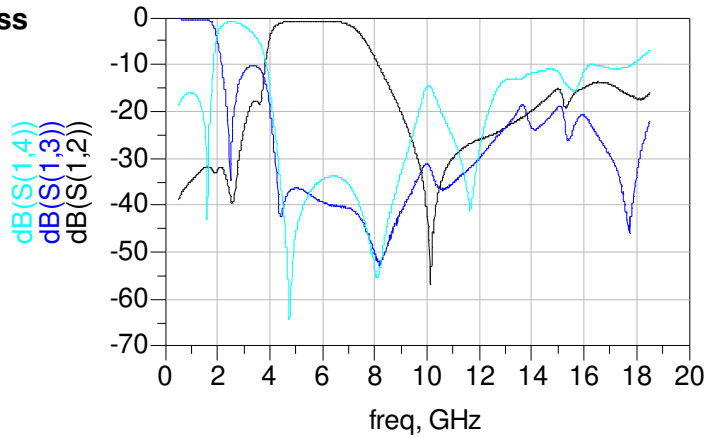
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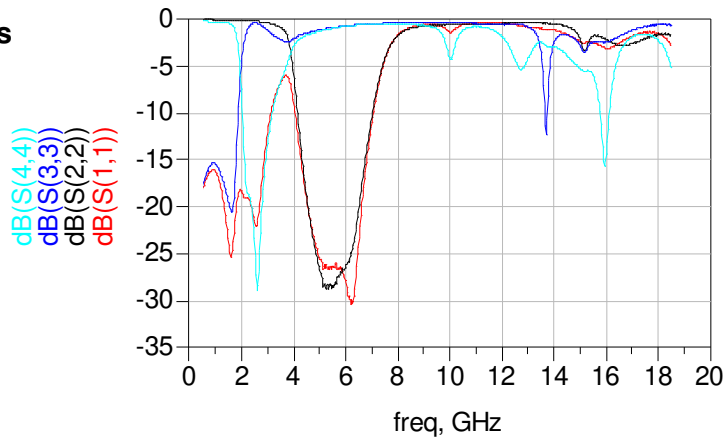
Page 3 of 4

Typical Electrical Performance (T=25°C)

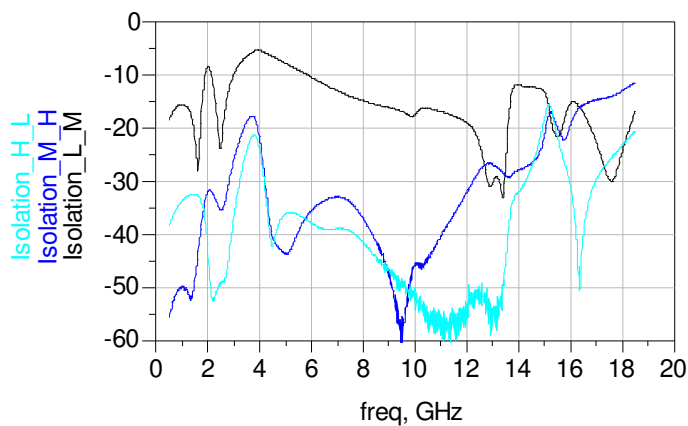
Insertion Loss



Return loss



Isolation



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Ver. 1.1

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Page 4 of 4

Application Notes, Layout Files, and more

<https://www.johansontechnology.com/diplexers>

Packaging information

<https://www.johansontechnology.com/tape-reel-packaging>

Soldering Information

<https://www.johansontechnology.com/ipcsoldering-profile>

MSL Info

<https://www.johansontechnology.com/msl-rating>

Recommended Storage Condition and Max Shelf Life

<https://www.johansontechnology.com/recommended-storage-conditions>

RoHS Compliance

<https://www.johansontechnology.com/rohs-compliance>

Layout Files, s-parameters and any other technical questions

<https://www.johansontechnology.com/ask-a-question>

Antenna layout and tuning techniques

<https://www.johansontechnology.com/tuning>

Antenna layout review, tuning, and characterization services

<https://www.johansontechnology.com/ipc-antenna-services>

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