Evaluation Board - GNSS + GPS L5 Chip Antenna

ACR1004GC-EVB

Request Samples | Check Inventory

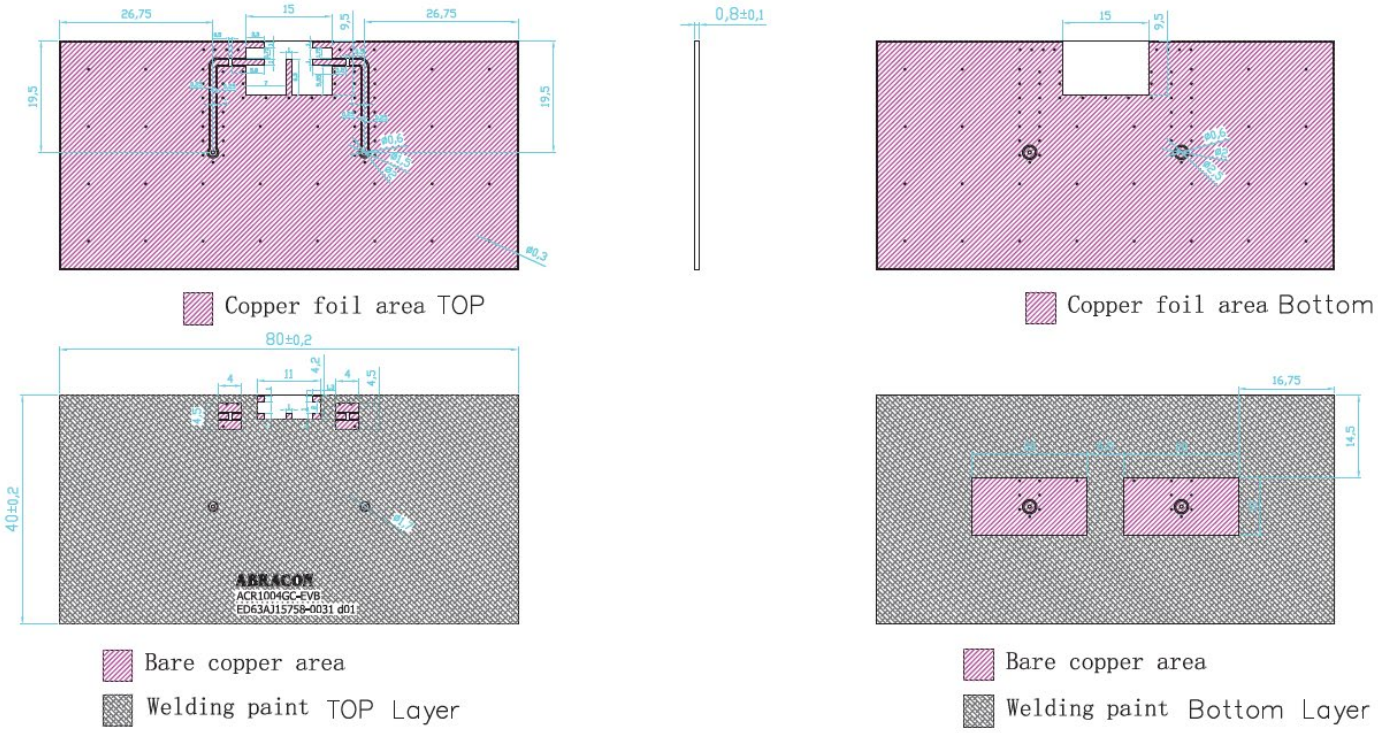
80 x 40 x 0.8 mm
RoHS/RoHS II Compliant
MSL Level = N/A

Description

ACR1004GC-EVB Evaluation boards are designed to provide a means to facilitate engineering evaluation of the chip antenna: ACR1004GC. With a typical operating frequency range of 1166~1186/ 1561~1610 MHZ, the chip can be used for GNSS/GPS L5 applications.

To evaluate the performance of antenna, calibrate the Vector Network analyzer (VNA) for the testing frequency band and connect the evaluation board to the calibrated port using the given SMA connector on the board.

Evaluation Board and Dimensions



Note: Evaluation Board dimension: 80 x 40 x 0.8 mm

Unit: mm

ABRACON

5101 Hidden Creek Ln Spicewood TX 78669
Phone: 512-371-6159 | Fax: 512-351-8858
For terms and conditions of sales, please visit:
www.abracon.com

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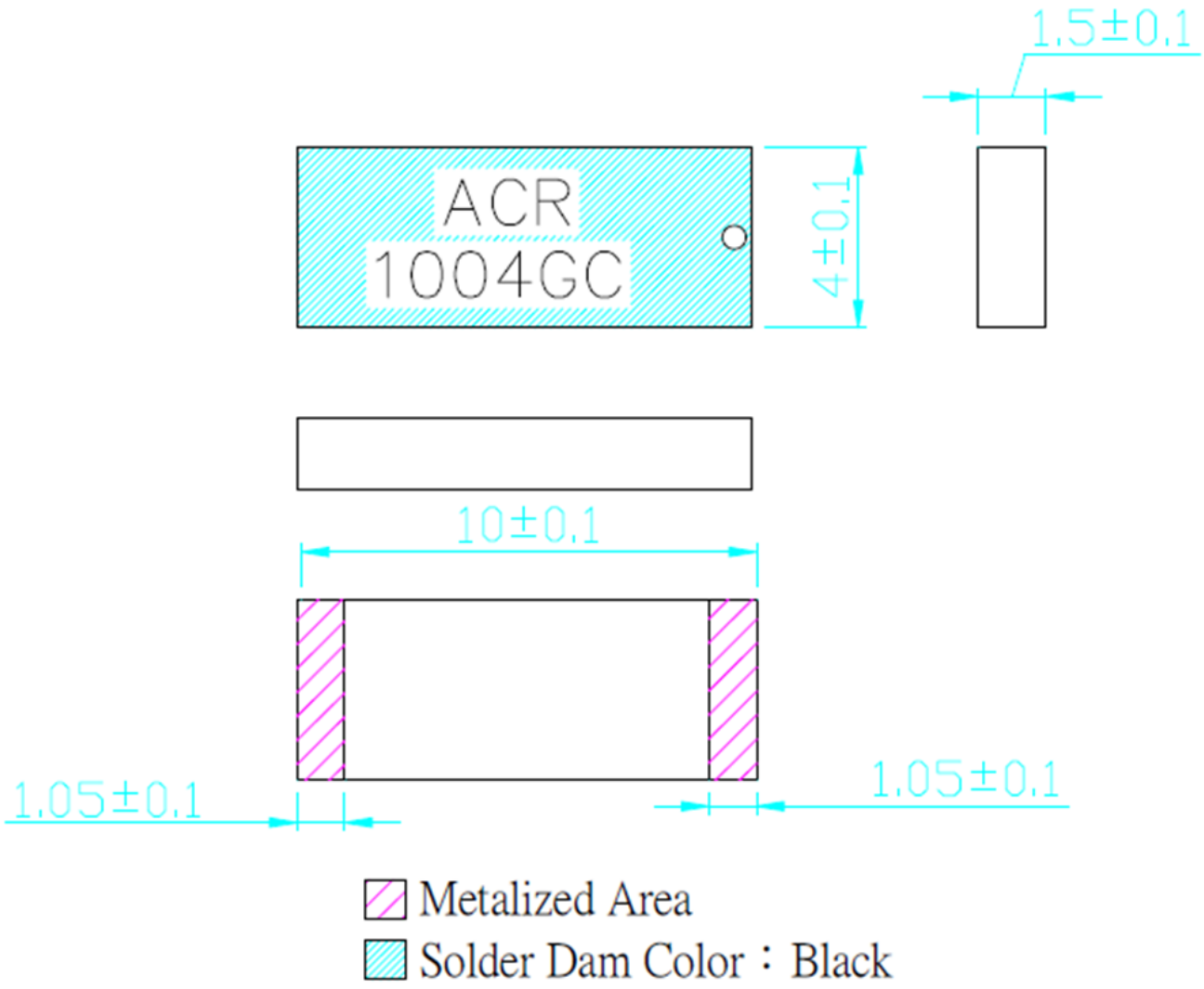
Chip Antenna Dimension



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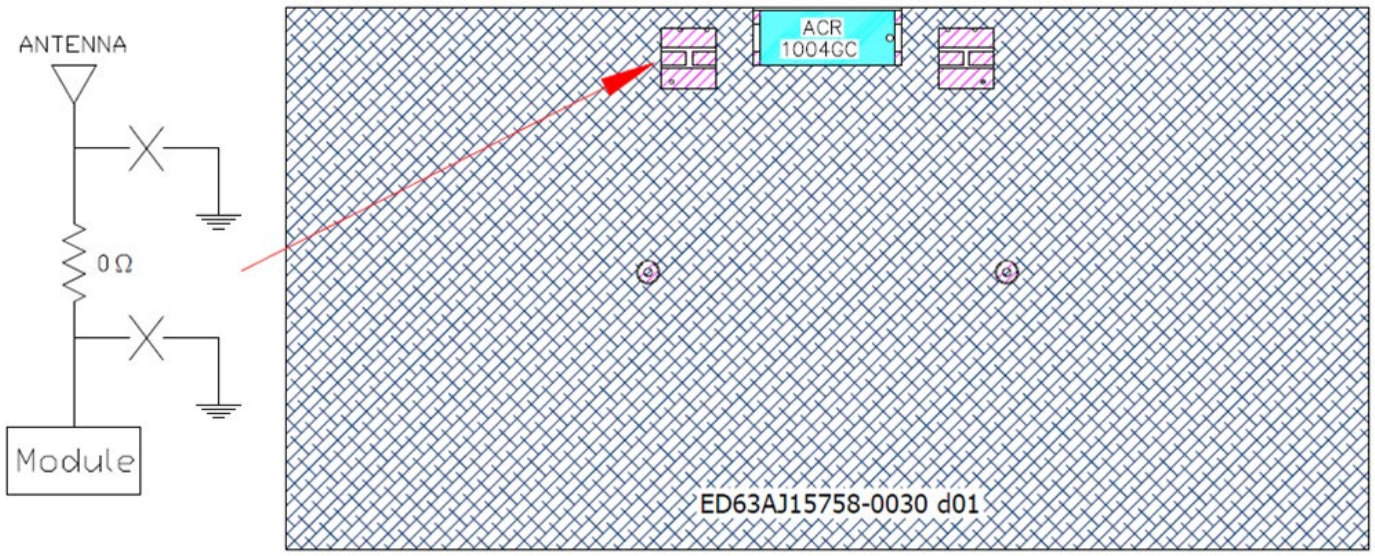
Matching Network on EVB



Note:

1. Desired metal/ground clearance area: 11 x 4.2 mm
2. Width of the 50 Ω line is designed in accordance with the PCB thickness and material considered
3. Matching network (pi - network) provided is in accordance with the EVB layout and matching will differ in the actual customer PCB depending on the layout

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