

EVB-MBALH-0R106

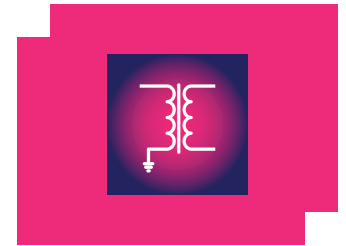
Evaluation Board, 0.1-6 GHz Passive MMIC Chip Scale Package 1:1 Balun

DEVICE OVERVIEW

General Description

The EVB-MBALH-0R106 is a connectorized evaluation board for the MBALH-0R106CSP2 0.1-6 GHz passive MMIC chip scale package 1:1 balun.

[Download s-parameters here](#)



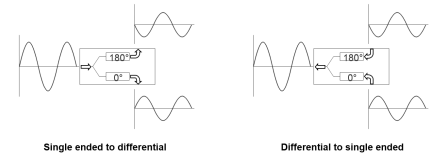
Features

N/A

Applications

N/A

Functional Block Diagram



Part Ordering Options

| Part Number | Description | Package | Green Status | Product Lifecycle | Export Classification |
|-----------------|---|---------|---------------|-------------------|-----------------------|
| MBALH-0R106CSP2 | 0.1-6 GHz Passive MMIC Chip Scale Package 1:1 Balun | CSP2 | REACH RoHS | Released | EAR99 |
| EVB-MBALH-0R106 | Evaluation Board, 0.1-6 GHz Passive MMIC Chip Scale Package 1:1 Balun | EVB | REACH RoHS | Released | EAR99 |

EVB-MBALH-0R106

**Evaluation Board, 0.1-6 GHz Passive MMIC Chip
Scale Package 1:1 Balun**

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Revision History

| Revision Code | Revision Date | Comment |
|----------------------|----------------------|-----------------|
| - | 2025-04-21 | Initial Release |

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**Evaluation Board, 0.1-6 GHz Passive MMIC Chip
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Electrical Specifications

| Parameter | Test Conditions | Minimum Frequency (GHz) | Maximum Frequency (GHz) | Min | Typ | Max | Unit |
|------------------|------------------------|--------------------------------|--------------------------------|------------|------------|------------|-------------|
| Impedance Ratio | - | - | - | - | 1:1 | - | |

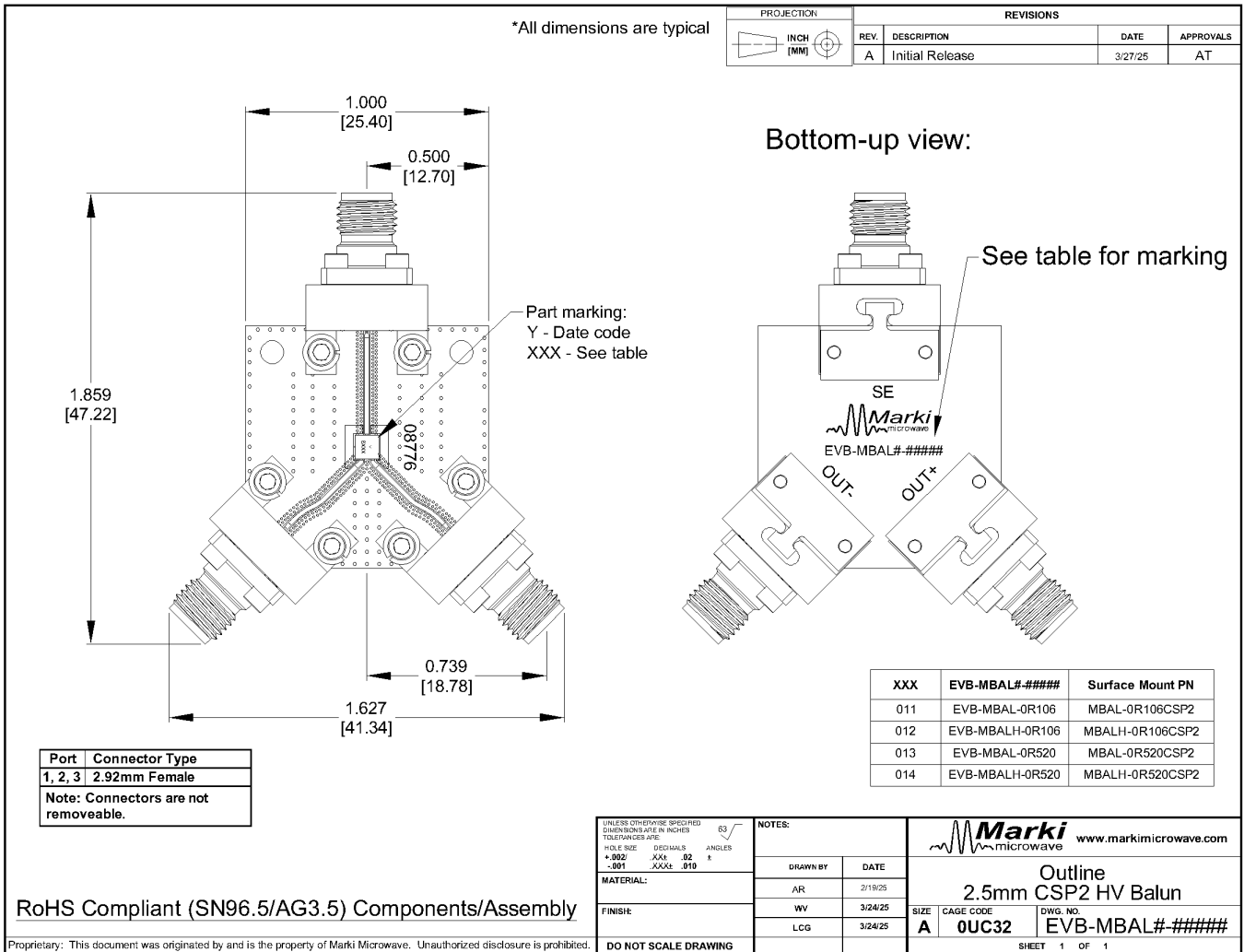
EVB-MBALH-0R106

Evaluation Board, 0.1-6 GHz Passive MMIC Chip
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Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)



EVB Out- refers to output Out 1

EVB Out+ refers to output Out 2

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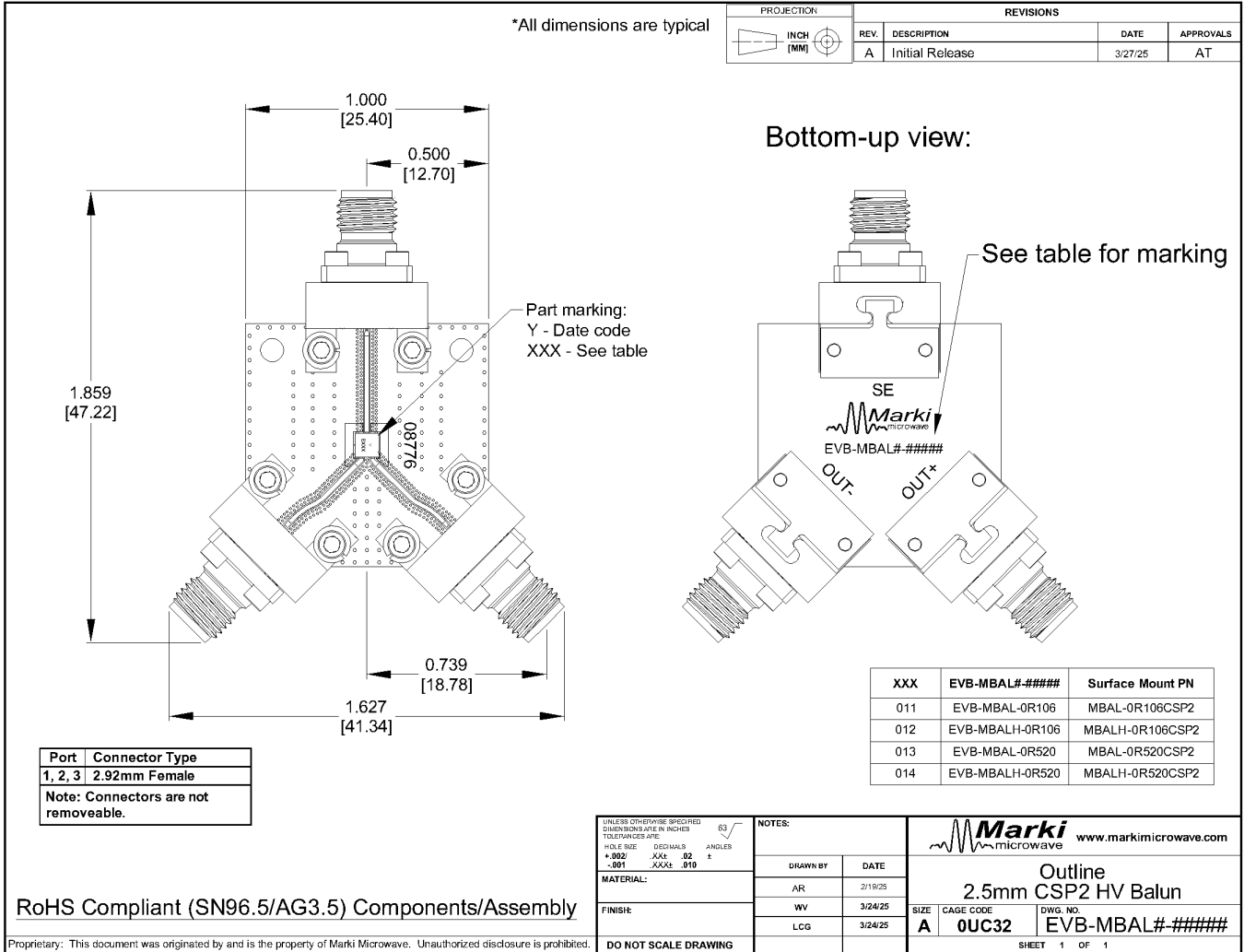
Evaluation Board - Performance Data

| Parameter | Test Conditions | Frequency Range (GHz) | Min | Typ | Max | Unit |
|-----------------|-----------------|-----------------------|-----|-----|-----|------|
| Impedance Ratio | - | - | - | 1 | - | |

EVB-MBALH-0R106

Evaluation Board, 0.1-6 GHz Passive MMIC Chip
Scale Package 1:1 Balun

Evaluation Board - Outline Drawing



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