

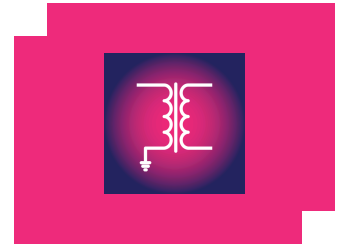
EVB-ABDS-10170P

Evaluation Board

DEVICE OVERVIEW

General Description

This is the evaluation board for the EVB-ABDS-10170P. The ABDS-10170PSM is a GaAs active MMIC balun in a 3mm QFN surface mount package. Its frequency ranges from DC to 30 GHz and offers 9 dB differential to single ended gain (low end limited by DC block). The 3mm QFN package is a lead free, RoHS compliant package compatible with standard leaded and lead-free solder reflows. Connectorized evaluation packages are available. The ABDS-10170PSM is an excellent choice for active differential to single ended mode conversion and higher order Nyquist sampling in analog to digital converters.



[Download s-parameters here](#)

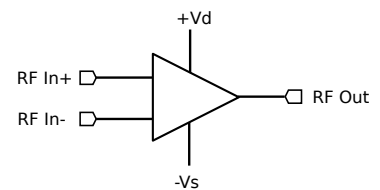
Features

- 2.92mm edge mount connectors
- Vd and Vs clip rings
- Output DC blocking caps

Applications

N/A

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ABDS-10170PSM	30 GHz Differential to Single Ended Active Balun	QFN	REACH RoHS	Released	EAR99
EVB-ABDS-10170P	Evaluation Board	EVB	REACH RoHS	Released	EAR99

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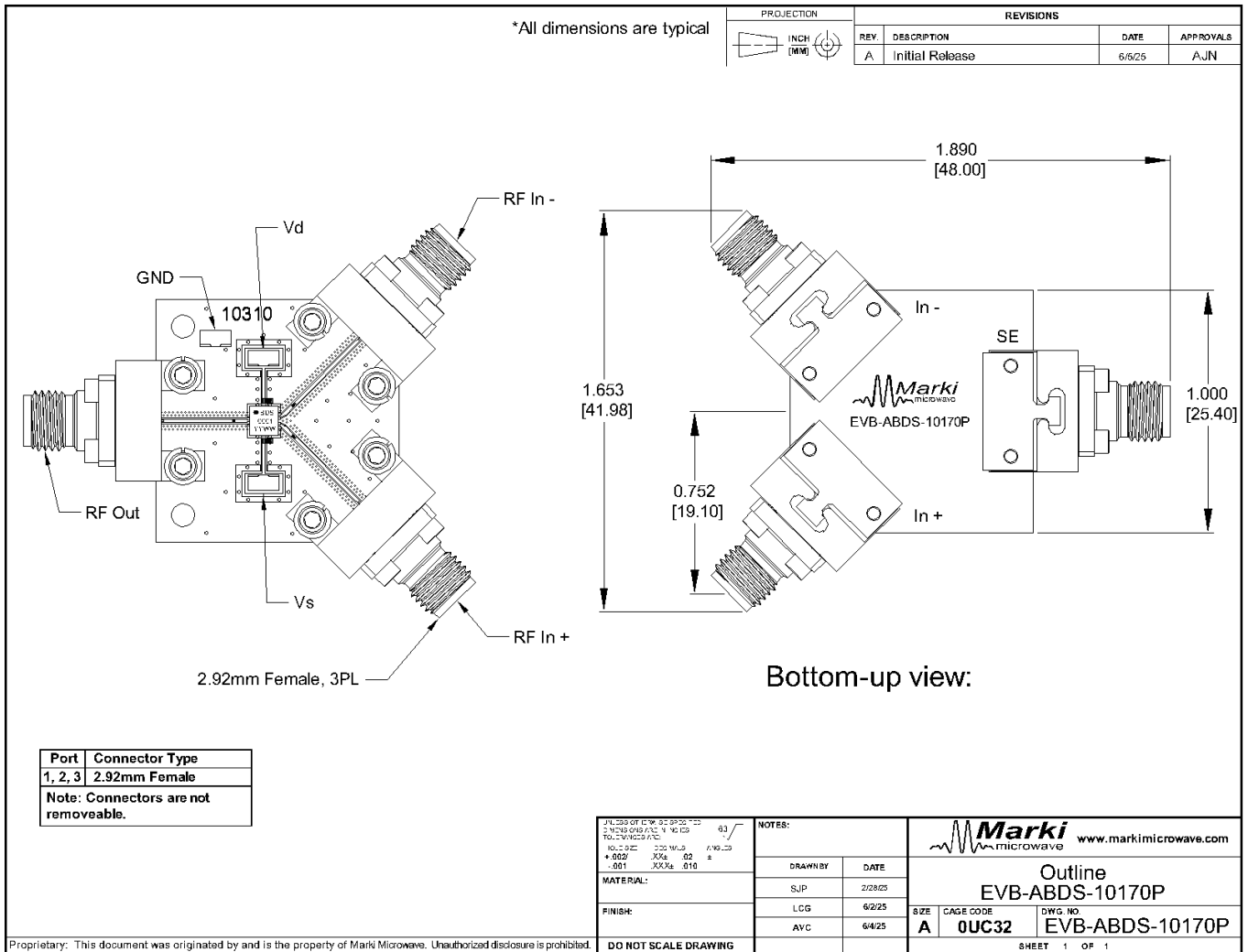
Revision History

Revision Code	Revision Date	Comment
-	2025-06-24	Initial Release

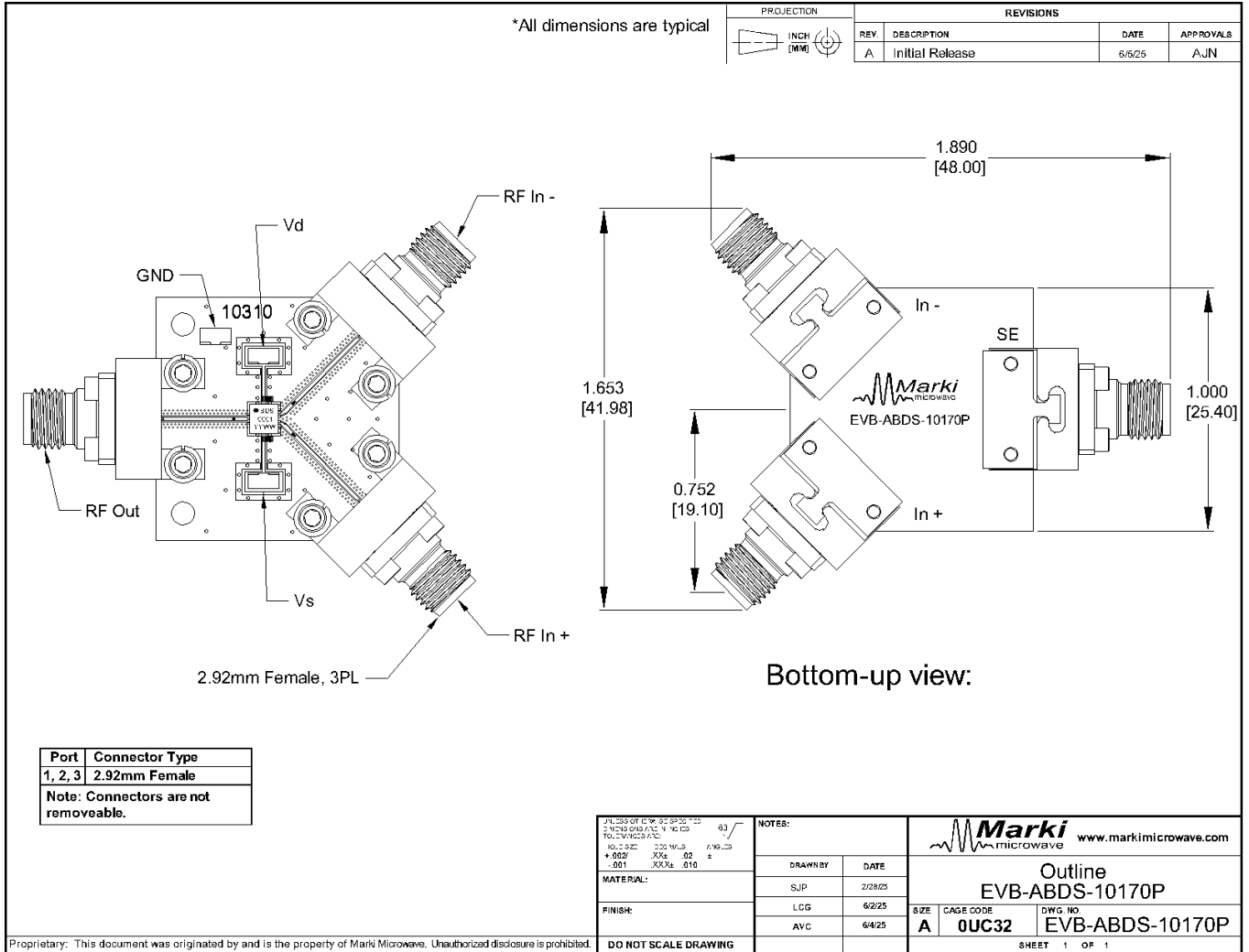
Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)



Evaluation Board - Outline Drawing



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