

EVB-MBAL-0208S

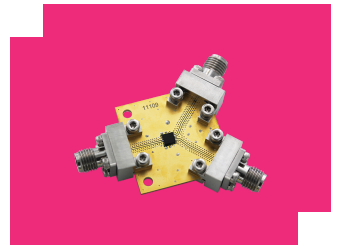
Evaluation Board, 2-8 GHz Passive MMIC FFF Package Balun

DEVICE OVERVIEW

General Description

The EVB-MBAL-0208S is a connectorized evaluation board for the MBAL-0208SMG, 2-8 GHz passive MMIC FFF package balun.

[Download s-parameters here](#)



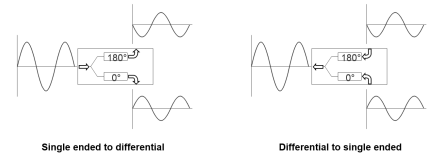
Features

N/A

Applications

N/A

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
MBAL-0208SMG	2 - 8 GHz MMIC Isolation Balun	DFN	REACH RoHS	Released	EAR99
EVB-MBAL-0208S	Evaluation Board, 2-8 GHz Passive MMIC FFF Package Balun	EVB	REACH RoHS	Released	EAR99

EVB-MBAL-0208S

Evaluation Board, 2-8 GHz Passive MMIC FFF Package Balun

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Revision History

Revision Code	Revision Date	Comment
-	2026-02-24	Initial Release

EVB-MBAL-0208S

Evaluation Board, 2-8 GHz Passive MMIC FFF Package Balun

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)

All measurements are typical

Port	Connector Type
SE	2.92 mm F Edge Mount
DIFF +/-	2.92 mm F Edge Mount
DIFF +/-	2.92 mm F Edge Mount

Connectors are not removable

Part Marking:
XXXXX: See table
YYWW: Date Code

PROJECTION		REVISIONS		
REV.	DESCRIPTION	DATE	APPROVALS	
A	Initial Release	2/18/26	AT	

Backside Label

XXXXX	EVB-MBAL-####S	Surface Mount PN
10996	EVB-MBAL-0208S	MBAL-0208SMG
10997	EVB-MBAL-0416S	MBAL-0416SMG
10998	EVB-MBAL-0620S	MBAL-0620SMG

J1.250 OF E.W. 92-SP-25-112
 2-10-20 010/112 1-10-105 83
 10.2.92E 2.92 MM FFF F/16.23
 +.002 .002 .002
 .001 .001 .010

NOTES:

DRAWN BY	DATE
Tnn	09-22-2025
AN	11/17/25
AR	11/17/25

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Outline,
MBAL SMG Eval Board

SIZE	CAGE CODE	DWG. NO.
A	0UC32	EVB-MBAL-####S

SHEET 1 OF 1

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DO NOT SCALE DRAWING

EVB-MBAL-0208S

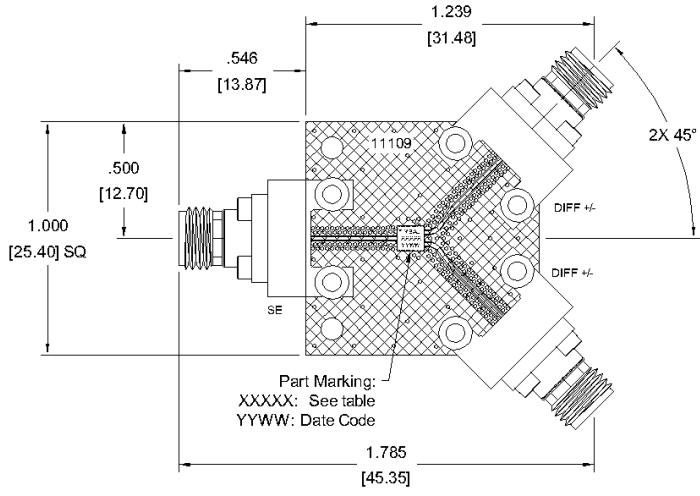
Evaluation Board, 2-8 GHz Passive MMIC FFF
Package Balun

Evaluation Board - Outline Drawing

All measurements are typical

Port	Connector Type
SE	2.92 mm F Edge Mount
DIFF +/-	2.92 mm F Edge Mount
DIFF +/-	2.92 mm F Edge Mount

Connectors are not removable

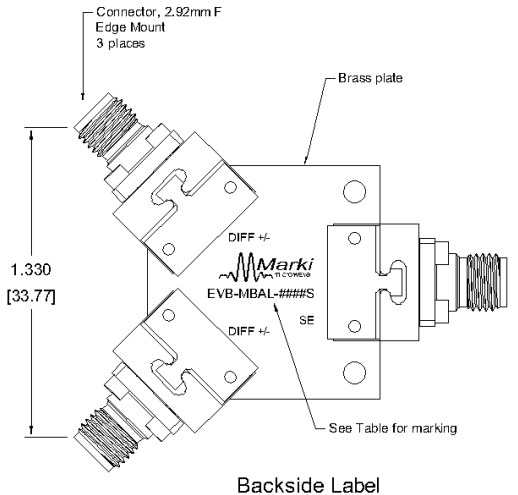


Dimensions: 1.000 [25.40] SQ, .546 [13.87], 1.239 [31.48], 1.785 [45.35], .500 [12.70], 2X 45°

Part Marking: XXXXX: See table, YYWW: Date Code

PROJECTION		REVISIONS		
REV.	DESCRIPTION	DATE	APPROVALS	
A	Initial Release	2/18/26	AT	

XXXXX	EVB-MBAL-####S	Surface Mount PN
10996	EVB-MBAL-0208S	MBAL-0208SMG
10997	EVB-MBAL-0416S	MBAL-0416SMG
10998	EVB-MBAL-0620S	MBAL-0620SMG



Connector, 2.92mm F Edge Mount 3 places

Brass plate

Backside Label: Marki microwave EVB-MBAL-####S

See Table for marking

NOTES:

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Outline, MBAL SMG Eval Board		
SIZE	CAGE CODE	DWG. NO.
A	0UC32	EVB-MBAL-####S

SHEET 1 OF 1

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