

EVB-MDPX-00009

Evaluation Board, Passive MMIC 7.4GHz Reflectionless Diplexer

DEVICE OVERVIEW

General Description

The EVB-MDPX-00009 is a connectorized evaluation board for the MDPX-00009CSP3 is a MMIC surface mount reflectionless diplexer featuring a 7.4 GHz crossover frequency and excellent in-band and out-of-band return losses.

[Download s-parameters here](#)

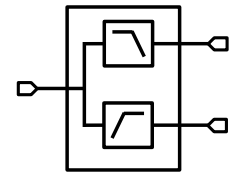
Features

N/A

Applications

N/A

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
MDPX-00009CSP3	Passive MMIC 7.4GHz Reflectionless Diplexer	CSP3	RoHS REACH	Released	EAR99
EVB-MDPX-00009	Evaluation Board, Passive MMIC 7.4GHz Reflectionless Diplexer	EVB	RoHS REACH	Released	EAR99

EVB-MDPX-00009

Evaluation Board, Passive MMIC 7.4GHz Reflectionless Diplexer

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Revision History

Revision Code	Revision Date	Comment
-	2025-10-21	Initial Release

EVB-MDPX-00009

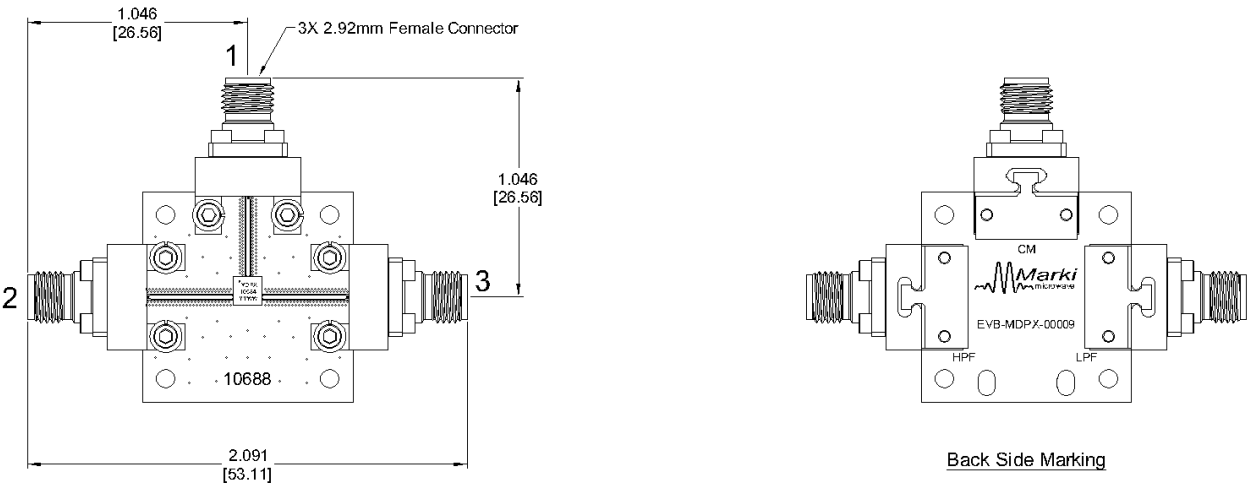
Evaluation Board, Passive MMIC 7.4GHz
Reflectionless Diplexer

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)

*All Dimensions are Typical




1.046 [26.56]
3X 2.92mm Female Connector
1.046 [26.56]
2.091 [53.11]
10688

Back Side Marking

Port #	Function	Connector Type
1	CM	2.92mm
2	LPF	2.92mm
3	HPF	2.92mm

Note: RoHS Compliant Assembly

J1.250 OF C.W. 52 8P 55 11 11 2 11 11 11 11 11 11 11 11 11 TOL. 2.5% (1/20) 10.250 2.50 11.11 11.11 11.11 +.002 .002 .02 .02 .02 .001 .001 .010 .010 .010		NOTES: DRAWN BY: WV DATE: 5/22/25 LCG 5/13/25 WV 5/28/25		 www.markimicrowave.com Outline Eval Board CSP3 3 Port	
MATERIAL: FINISH:		SIZE: A CAGE CODE: 0UC32 DWG. NO.: EVB-MDPX-00009		SHEET 1 OF 1	

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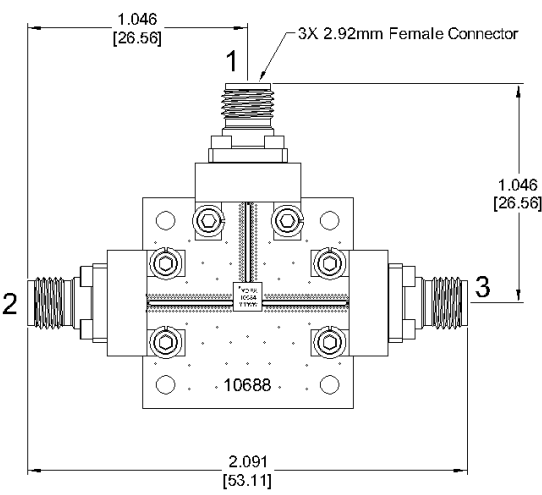
DO NOT SCALE DRAWING

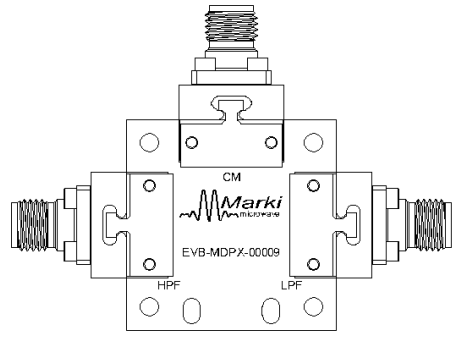
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Evaluation Board, Passive MMIC 7.4GHz
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Evaluation Board - Outline Drawing

*All Dimensions are Typical





Back Side Marking

Port #	Function	Connector Type
1	CM	2.92mm
2	LPF	2.92mm
3	HPF	2.92mm

Note: RoHS Compliant Assembly

<p>314.253 OF 12-18 02-SP-22-1122 5.0000 0.0000 1.0000 1.0000 TOLERANCES (FRACTIONS)</p> <p>FRACTION DECIMAL EQUIV. (FRACTIONS)</p> <p>FRACTION DECIMAL EQUIV. (DECIMALS)</p> <p>MATERIAL:</p> <p>FINISH:</p>	<p>NOTES:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> <tr> <td>WV</td> <td>5/2/25</td> </tr> <tr> <th>LCG</th> <th>DATE</th> </tr> <tr> <td>WV</td> <td>5/28/25</td> </tr> </table>	DRAWN BY	DATE	WV	5/2/25	LCG	DATE	WV	5/28/25	<p style="text-align: center;">Marki microwave www.markimicrowave.com</p> <p style="text-align: center;">Outline Eval Board CSP3 3 Port</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>CAGE CODE</th> <th>DWG. NO.</th> </tr> <tr> <td>A</td> <td>0UC32</td> <td>EVB-MDPX-00009</td> </tr> </table> <p style="text-align: right;">SHEET 1 OF 1</p>	SIZE	CAGE CODE	DWG. NO.	A	0UC32	EVB-MDPX-00009
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