Sales: 408-778-9952 | General: 408-778-4200 | Fax: 408-778-4300
Sales & Customer Support: sales@markimicrowave.com
Tech Support: support@markimicrowave.com

EVB-MFHP-00027

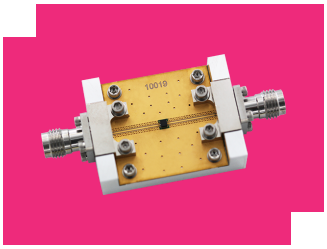
Evaluation Board, Passive GaAs MMIC 5.6 GHz Highpass Filter

DEVICE OVERVIEW

General Description

The EVB-MFHP-00027 is a connectorized evaluation board for the MFHP-00027CSP1 passive MMIC surface mount 5.6 GHz highpass filter.

Download s-parameters here



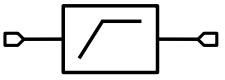
Features

N/A

Applications

N/A

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
MFHP-00027CSP1	Passive GaAs MMIC 5.6 GHz Highpass Filter	CSP1	RoHS REACH	Released	EAR99
EVB-MFHP-00027	Evaluation Board, Passive GaAs MMIC 5.6 GHz Highpass Filter	EVB	RoHS REACH	Released	EAR99

Rev: - | Copyright © 2026 Marki Microwave LLC.

EVB-MFHP-00027

Evaluation Board, Passive GaAs MMIC 5.6 GHz Highpass Filter

Table Of Contents

- **Device Overview**
  - General Description
  - Features
  - Applications
  - Functional Block Diagram
- **Revision History**
- **Specifications**
- **Mechanical Data**
  - Outline Drawing
- **Evaluation Board**
  - Evaluation Board Outline Drawing

Revision History

Revision Code	Revision Date	Comment
-	2026-08-14	Initial Release

Rev: - | Copyright © 2026 Marki Microwave LLC.

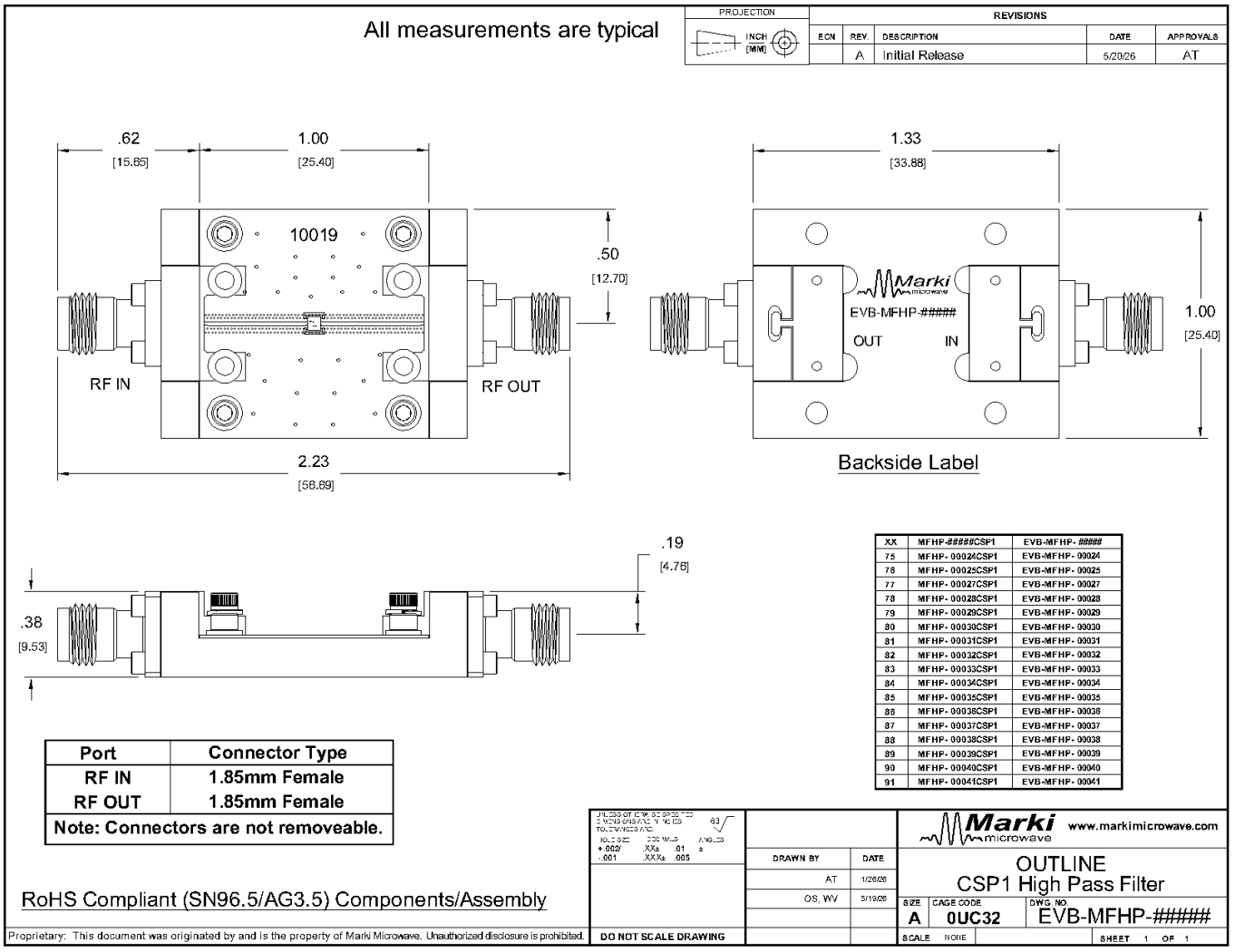
EVB-MFHP-00027

Evaluation Board, Passive GaAs MMIC 5.6 GHz Highpass Filter

Mechanical Data

Outline Drawing

Download : Outline 2D Drawing



Rev: - | Copyright © 2026 Marki Microwave LLC.

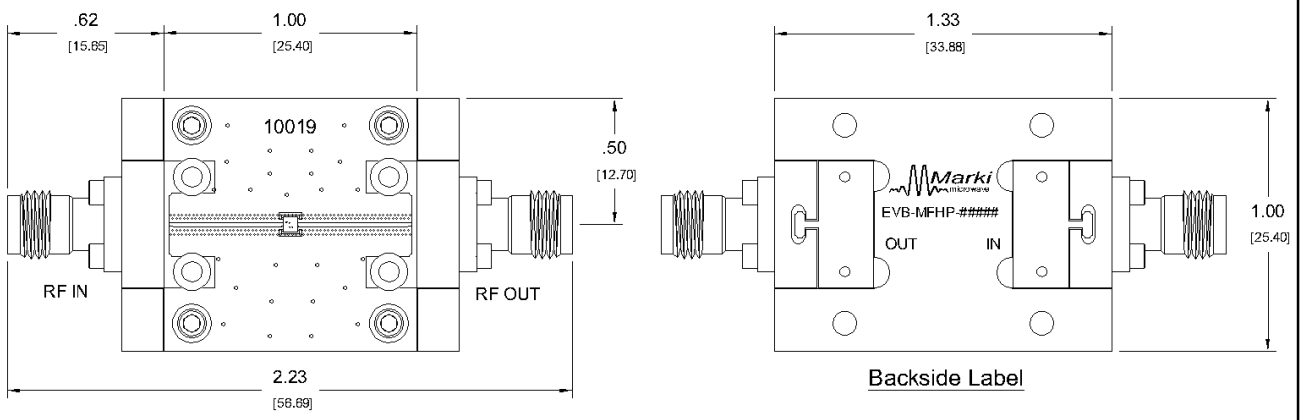
EVB-MFHP-00027

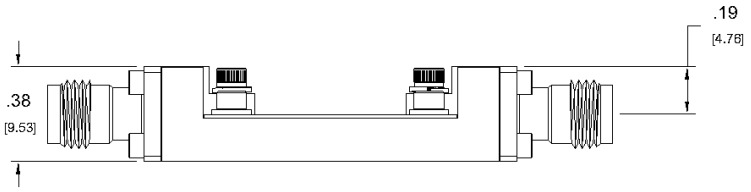
Evaluation Board, Passive GaAs MMIC 5.6 GHz Highpass Filter

Evaluation Board - Outline Drawing

All measurements are typical

PROJECTION	REVISIONS				
INCH [MM]	ECN	REV.	DESCRIPTION	DATE	APPROVALS
		A	Initial Release	5/20/26	AT





XX	MFHP-#####CSP1	EVB-MFHP-#####
75	MFHP-00024CSP1	EVB-MFHP-00024
76	MFHP-00025CSP1	EVB-MFHP-00025
77	MFHP-00027CSP1	EVB-MFHP-00027
78	MFHP-00028CSP1	EVB-MFHP-00028
79	MFHP-00029CSP1	EVB-MFHP-00029
80	MFHP-00030CSP1	EVB-MFHP-00030
81	MFHP-00031CSP1	EVB-MFHP-00031
82	MFHP-00032CSP1	EVB-MFHP-00032
83	MFHP-00033CSP1	EVB-MFHP-00033
84	MFHP-00034CSP1	EVB-MFHP-00034
85	MFHP-00035CSP1	EVB-MFHP-00035
86	MFHP-00036CSP1	EVB-MFHP-00036
87	MFHP-00037CSP1	EVB-MFHP-00037
88	MFHP-00038CSP1	EVB-MFHP-00038
89	MFHP-00039CSP1	EVB-MFHP-00039
90	MFHP-00040CSP1	EVB-MFHP-00040
91	MFHP-00041CSP1	EVB-MFHP-00041

Port	Connector Type
RF IN	1.85mm Female
RF OUT	1.85mm Female
Note: Connectors are not removeable.	

RoHS Compliant (SN96.5/AG3.5) Components/Assembly

DRAWN BY	DATE
AT	1/26/26
OS, WV	5/19/26

Marki microwave www.markimicrowave.com

OUTLINE
CSP1 High Pass Filter

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

SCALE NONE SHEET 1 OF 1

Proprietary: This document was originated by and is the property of Marki Microwave. Unauthorized disclosure is prohibited.

DO NOT SCALE DRAWING

Rev: - | Copyright © 2026 Marki Microwave LLC.

DISCLAIMER

MARKI MICROWAVE, LLC., (“MARKI”) PROVIDES TECHNICAL SPECIFICATIONS AND DATA (INCLUDING DATASHEETS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, AND OTHER INFORMATION AND RESOURCES “AS IS” AND WITH ALL FAULTS. MARKI DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

These resources are intended for developers skilled in the art designing with Marki products. You are solely responsible for (1) selecting the appropriate products for your application, (2) designing, validating, and testing your application, and (3) ensuring your application meets applicable standards and other requirements. Marki makes no guarantee regarding the suitability of its products for any particular purpose, nor does Marki assume any liability whatsoever arising out of your use or application of any Marki product.

Marki grants you permission to use these resources only for development of an application that uses Marki products. Other reproduction or use of these resources is strictly prohibited. No license is granted to any other Marki intellectual property or to any third-party intellectual property. Marki reserves the right to make changes to the product(s) or information contained herein without notice.

MARKI MICROWAVE, M wave logo, FastSwitch, and T3 MIXER are trademarks or registered trademarks of Marki Microwave, LLC. All other trademarks used are the property of their respective owners.

© 2026, Marki Microwave, LLC