

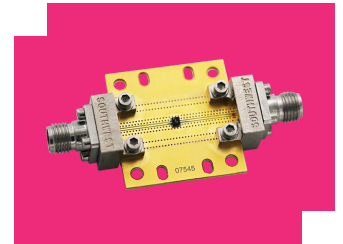
EVB-HLM-8010

DC - 40GHz Surface Mount Limiter

DEVICE OVERVIEW

General Description

The EVB-HLM-8010 is a high-power GaAs Schottky diode signal limiter featuring high IP3 over a broad DC - 40GHz bandwidth. It offers low insertion loss and excellent return loss from DC through Ka band and has a typical 1 dB compression point of +11 dBm. Its small size makes it ideal for protecting sensitive components and for applications requiring high channel counts. It is available as a plastic surface mount chip scale package or as a connectorized evaluation board.



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Features

- Low 1dB loss at 38 GHz
- 3.2 W Peak Power (pulsed), 1.9 W CW
- Typical P1dB of +11dBm

Applications

- SATCOM
- Test and Measurement Equipment
- RF Transceivers

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
HLM-8010CSP1	DC - 40GHz Surface Mount Limiter	CSP1	REACH RoHS	Released	EAR99
EVB-HLM-8010	DC - 40GHz Surface Mount Limiter	EVB	REACH RoHS	Released	EAR99

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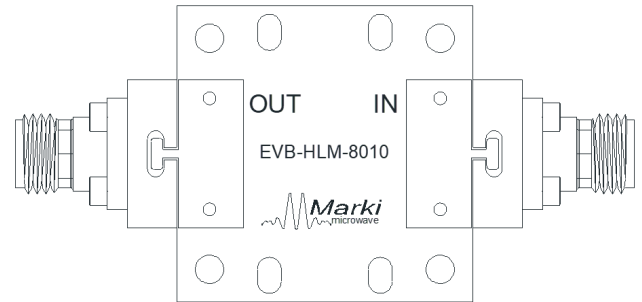
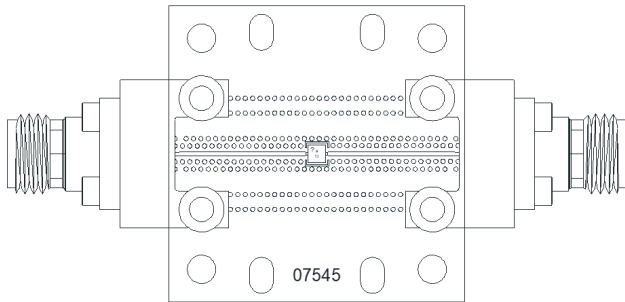
Revision History

Revision Code	Revision Date	Comment
-	2023-09-14	Datasheet Initial Release

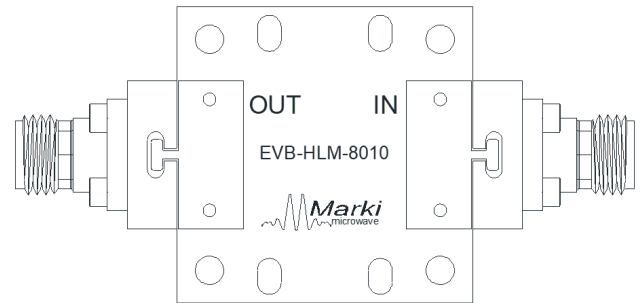
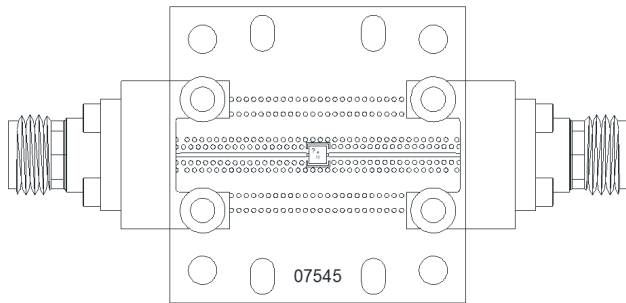
Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)



Evaluation Board - Outline Drawing



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