

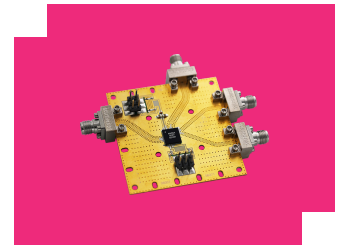
EVB-MMIQA-0626H

Integrated Drive GaAs MMIC IQ Mixer

DEVICE OVERVIEW

General Description

The MMIQA-0626HPSM is a versatile, robust, and broadband IQ mixer with an integrated broadband LO driver amplifier. The MMIQA-0626HPSM is ideal for IQ, single sideband, and image reject mixing applications with wide bandwidths. The integrated LO driver amplifier allows for operation with LO powers as low as -2dBm while retaining exceptional conversion loss and linearity.



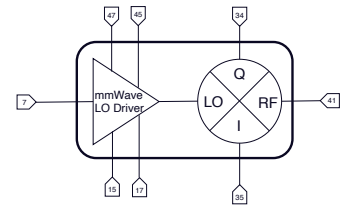
Features

N/A

Applications

N/A

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
MMIQA-0626HPSM	Integrated Drive GaAs MMIC IQ Mixer	QFN	REACH RoHS	Released	EAR99
EVB-MMIQA-0626H	Integrated Drive GaAs MMIC IQ Mixer	EVB	REACH RoHS	Released	EAR99

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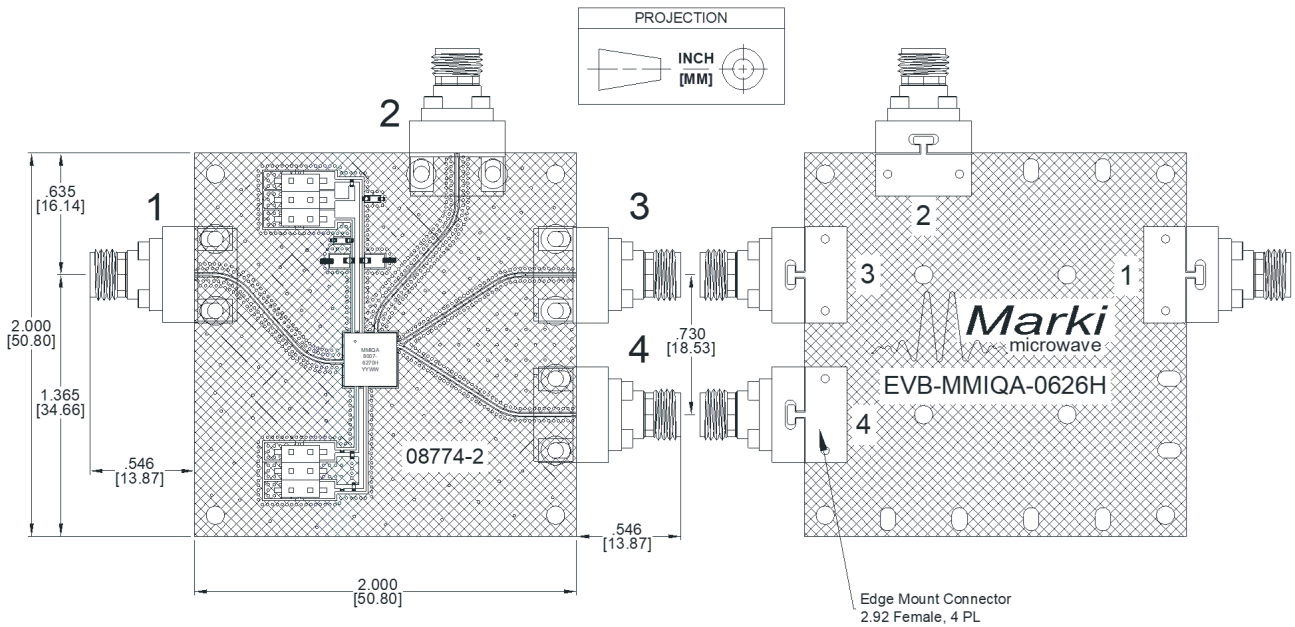
Revision History

Revision Code	Revision Date	Comment
-	2024-04-08	Datasheet Initial Release
A	2024-09-30	Updated as per ECN 24100

Mechanical Data

Outline Drawing

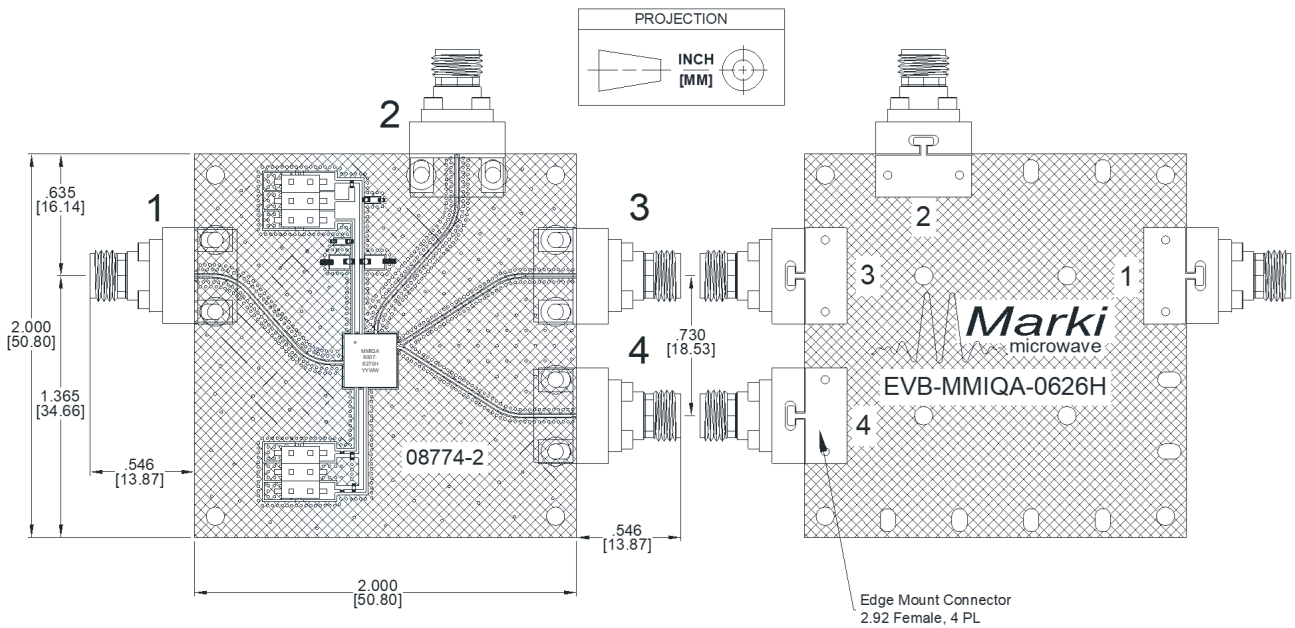
Download : [Outline 2D Drawing](#)



Port #	Function	VDC	Connector Type
1	LO	Open Line	2.92mm Female
2	RF	Short Circuit	2.92mm Female
3	I	0.664±20mV	2.92mm Female
4	Q	0.664±20mV	2.92mm Female

Note: Eval Connectors are not removable.

Evaluation Board - Outline Drawing



Port #	Function	VDC	Connector Type
1	LO	Open Line	2.92mm Female
2	RF	Short Circuit	2.92mm Female
3	I	0.664±20mV	2.92mm Female
4	Q	0.664±20mV	2.92mm Female

Note: Eval Connectors are not removeable.

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