

# EVB-ADM-8344P

## Evaluation Board, DC - 18 GHz Distributed Amplifier

### DEVICE OVERVIEW

#### General Description

This is the evaluation board for the ADM-8344PSM. The ADM-8344PSM is a wideband distributed low noise amplifier capable of providing 19 dB gain and +29 dBm OIP3 from DC to 18 GHz and a low 1.7 dB typical noise figure from 4 to 14 GHz. The ADM-8344PSM is an ideal linear signal amplifier for applications requiring low power consumption and small form-factors. ADM-8344 is available A 4mm QFN and can be supplied from a single positive bias. The amplifier has excellent return losses and noise figure performance.



[Download s-parameters here](#)

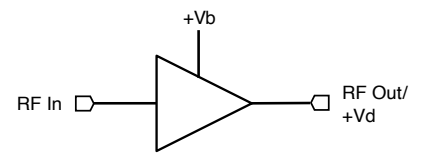
#### Features

- 19 dB typical gain
- 1.9 dB typical noise figure
- Single supply, positive-only bias
- 2.92mm female RF connectors
- Metal clip ring for Vb bias input

#### Applications

N/A

#### Functional Block Diagram



#### Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
<a href="#">ADM-8344PSM</a>	DC - 18 GHz Distributed Amplifier	PSM	RoHS REACH	Released	EAR99
EVB-ADM-8344P	Evaluation Board, DC - 18 GHz Distributed Amplifier	EVB	REACH RoHS	Released	-

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### Revision History

Revision Code	Revision Date	Comment
-	2025-06-13	Initial Release

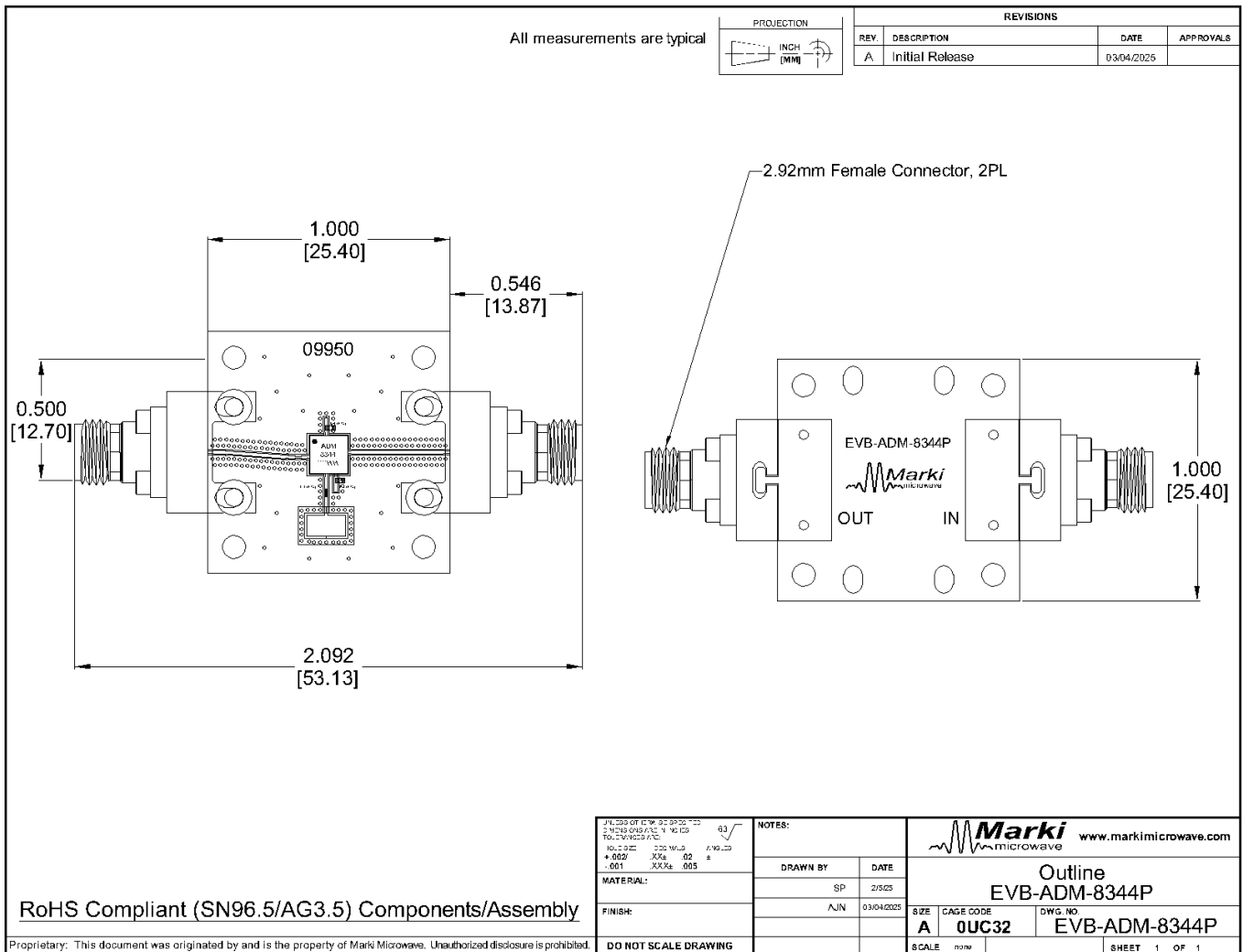
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## Evaluation Board, DC - 18 GHz Distributed Amplifier

### Mechanical Data

### Outline Drawing

Download : [Outline 2D Drawing](#)

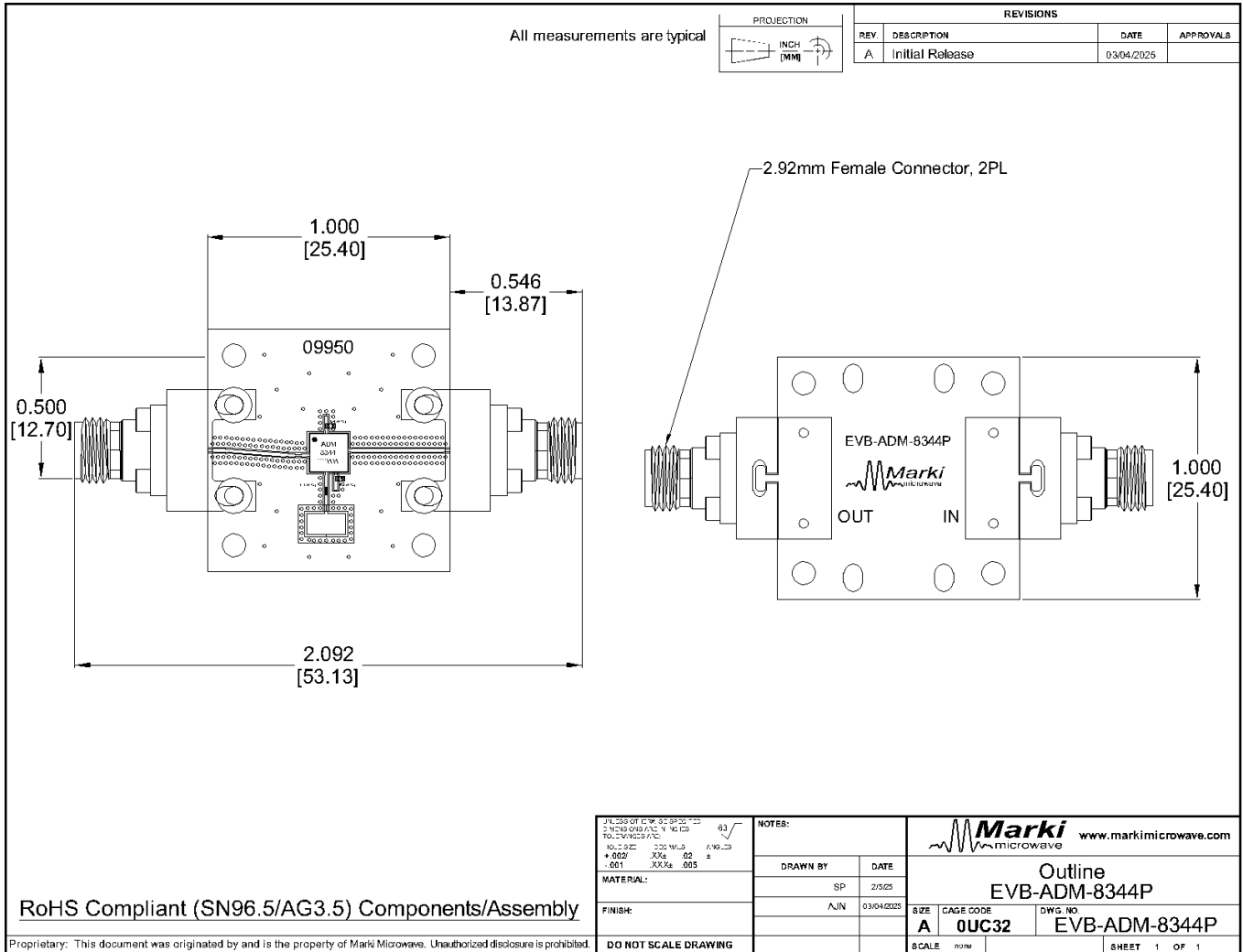


External DC blocks are required at RF In and RF Out / Vd connectors. Vd should be provided through an external choke inductor or bias tee.

# EVB-ADM-8344P

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## Evaluation Board - Outline Drawing



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