

## Description:

Model Number PE2-36-26D540G-5R0-10-12-292FF is a 26.5 to 40.0 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a 2.92mm connectorized or a surface mount component.

This model provides the following performance. Data is available upon request.

## Specifications:

Frequency Range:	26.5 to 40.0 GHz
Gain:	+36dB Typ.
Gain Flatness:	+/- 3.0dB Max
Noise Figure:	5.0dB Max*
OP1dB:	+10dBm Min.
VSWR Input/Output:	2.5:1 Max.
Impedance:	50 $\Omega$
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	250mA Max.
Connectors In/Out	2.92mm Female
Finish	Gold Plated

\*NF measured to 26.5GHz only.

## Features:

Internal Voltage Regulation  
Unconditional Stability

## Available Options:

Various Package types  
Various Connector types  
Temperature Compensation  
Gain and Phase Matching  
MIL-STD-883 Screening Available

## Environmental Ratings:

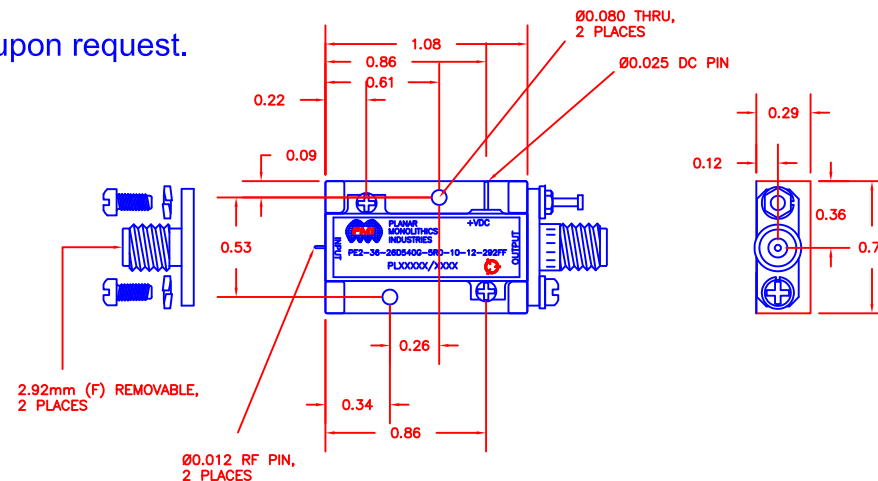
Temperature:	-54°C to + 95°C (Operating) -65 to +125 Deg. C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

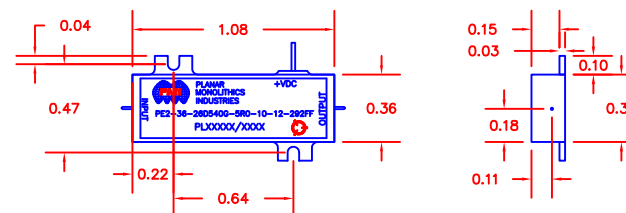
ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX  $\pm 0.010$   
X.XXX  $\pm 0.005$

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	7/28/14	

### PE2 HOUSING WITH CARRIER



### PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		7/28/14		PRODUCT FEATURE	
CHECKED				PE2-36-26D540G-5R0-10-12-292FF	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27006722	
SCALE		N:S		SHEET	
				1 OF 1	