REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/28/14	
	A2	ECN # 25-0215	7/22/25	

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 Ω
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:

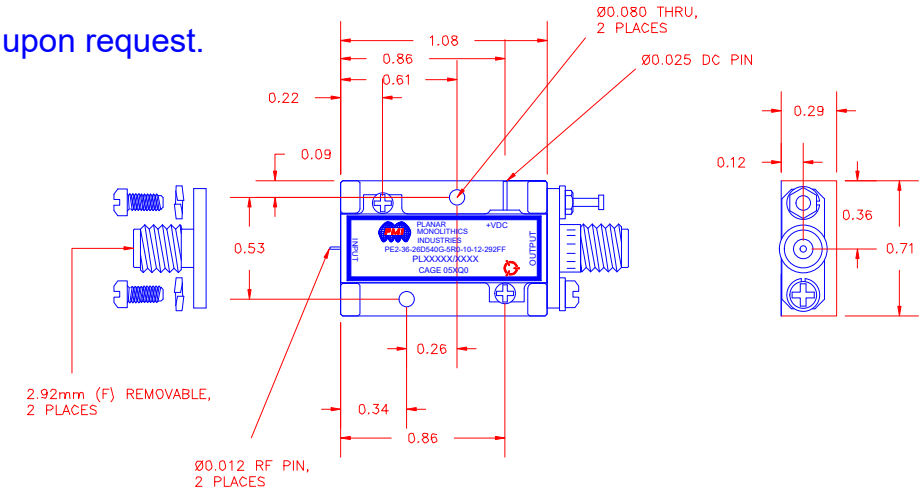
Various Package types
Various Connector types
Temperature Compensation
Gain and Phase Matching
MIL-STD-883 Screening Available

Environmental Ratings:

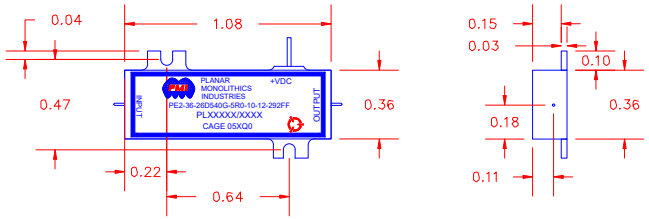
Temperature:	-54°C to + 95°C (Operating)
	-65 to +125 Deg. C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

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

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

APPROVALS	DATE
DRAWN KM	7/28/14
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
PE2-36-26D540G-5R0-10-12-292FF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27006722	A2

SCALE N:S SHEET 1 OF 1