

Description:

Model Number PE2-30-20G20R6G-3R0-10-12-SFF is a 20.0 to 26.5 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

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

Specifications:

Frequency Range:	20.0 to 26.5 GHz
Gain:	+30dB Typ.
Gain Flatness:	+/- 1.5dB Max
Noise Figure:	3.0dB Max
OP1dB:	+10dBm Min.
VSWR Input/Output:	2.0:1 Max.
Impedance:	50 Ω
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	150mA Max.
Connectors In/Out	SMA Female
Finish	Gold Plated

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:

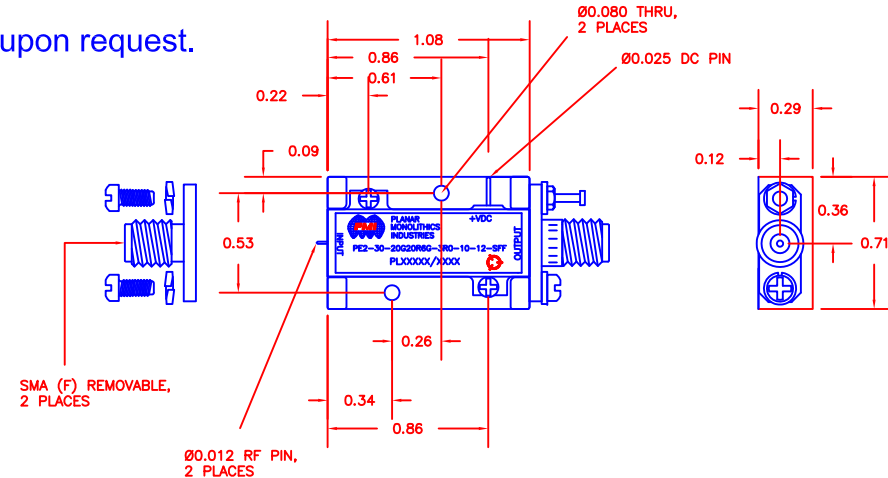
Temperature:	-54°C to + 95°C (Operating) -65 to +125 Deg. C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

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

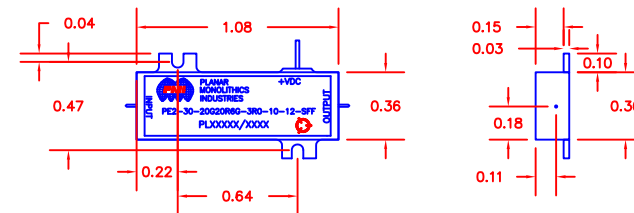
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	7/28/14	
A1		ECN # 14-0136	08/11/14	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>K.M.</i>		7/28/14	PRODUCT FEATURE			
CHECKED			PE2-30-20G20R6G-3R0-10-12-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27006362	A1
			SCALE	N:S		SHEET
					1 OF 1	