

Description:

PMI Model Number: POB-10-48-10-LCA Assembly Drawing is a 4.0 to 8.0 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.

Specifications:

Frequency Range:	4.0 to 8.0 GHz
Gain:	+10 dB Typ
Gain Flatness:	±1.0 dB Typ
Noise Figure:	3.0 dB Typ
OP1dB:	+10 dBm Typ
VSWR Input/Output:	2.0:1 Max
DC Supply:	+12 to +15 VDC @ 75 mA Typ
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:

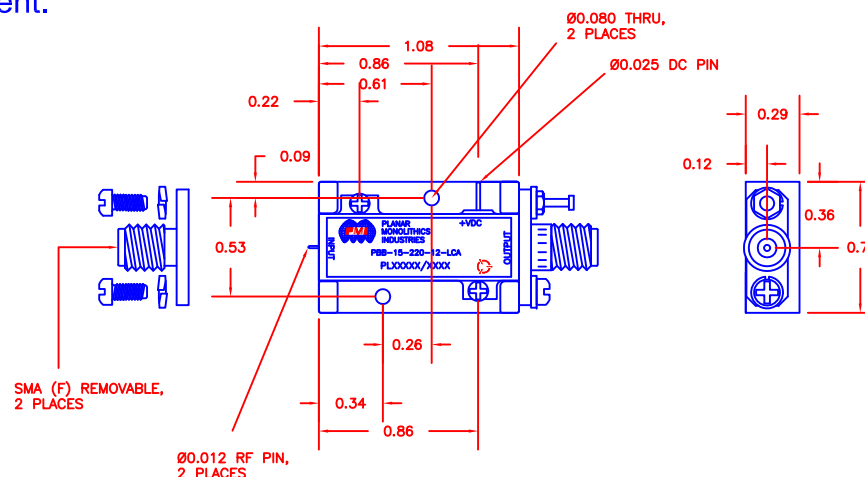
Temperature:	-54°C to + 95°C (Operating) -65°C to +125°C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

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

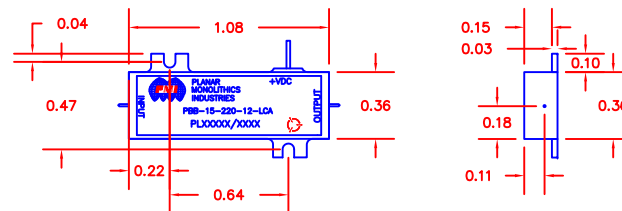
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/11/17	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN	<i>afk</i>	2/8/13		PRODUCT FEATURE			
REDRAWN	<i>EMF</i>	8/11/17		PBB-15-220-12-LCA			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	-
SCALE		N:S		SHEET		1 OF 1	