

Description:

Lower Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

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

Specifications:

Frequency Range:	2.0 to 18.0 GHz
Gain:	+15dB Typ.
Gain Flatness:	+/- 2.0dB Typ.
Noise Figure:	3.0dB Typ.
OP1dB:	18dBm Min. / +20dBm Typ.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12VDC
DC Current Draw:	180mA Typ.
Connectors In/Out	SMA Female
Finish	Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability
Standard Operating Temperature -20 to +70 Deg. C

Available Options:

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

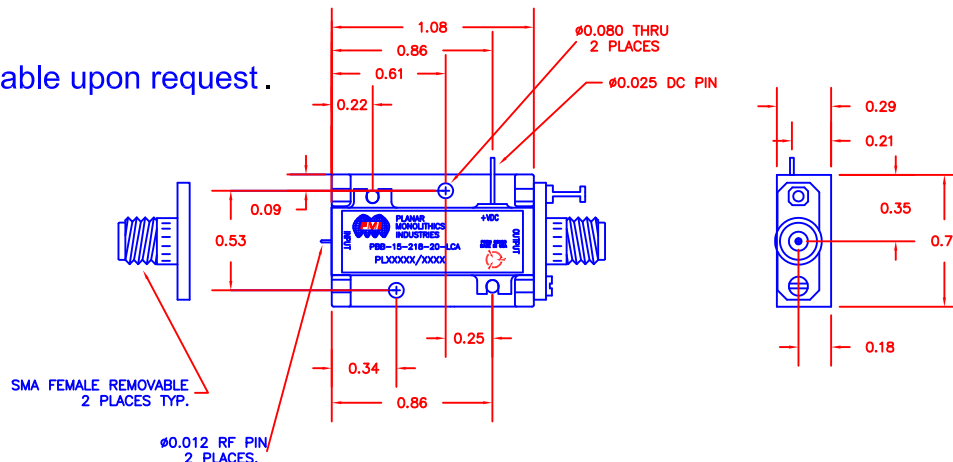
Environmental Ratings:

Temperature:	-20 to +70 Deg. C (Operating); -55 to +85 Deg C (Available) -55 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

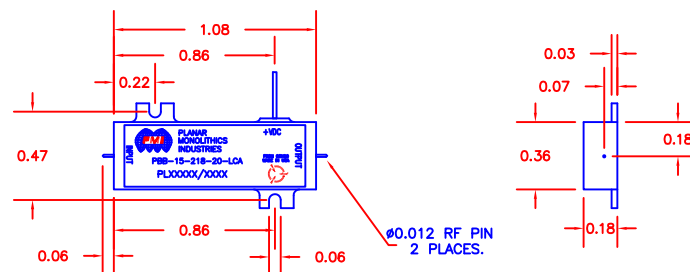
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	08/19/13	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE		TITLE			
DRAWN		DATE		PRODUCT FEATURE			
CHECKED		DATE		PBB-15-218-20-LCA			
ISSUED		DATE		PBB-15-218-20-LCA			
SIZE		FSCM NO.		DWG NO.		REV.	
A		05XQ0		PBB-15-218-20-LCA		A1	
SCALE		N:S		SHEET		1 OF 1	