

Description:

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

Specifications:

Frequency Range:8 to 18 GHz
Gain:+15dB Typ.
Gain Flatness:+/- 1.5dB Typ.
Noise Figure:3.0dB Typ.
OP1dB:+13dBm Typ.
VSWR Input/Output:2.0:1 Typ.
DC Voltage Supply:+12VDC
DC Current Draw:75mA 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

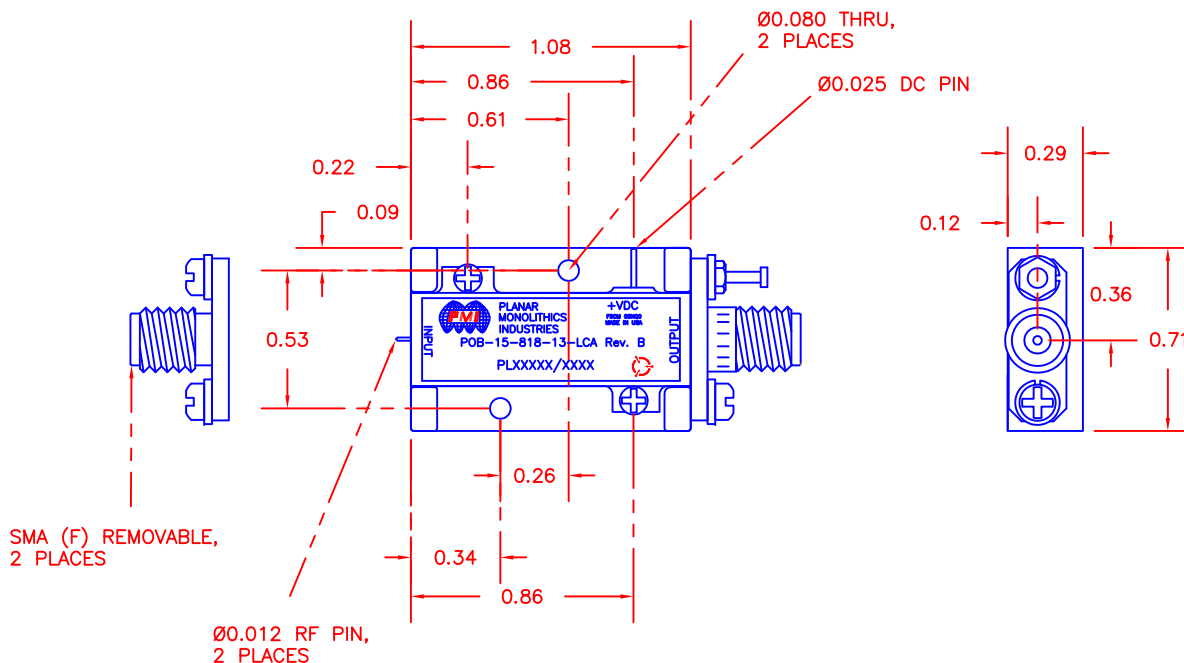
Environmental Ratings:

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 ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/26/11	
	A2	ECN # 13-0091	07/27/13	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		NJ A		10/26/11		PRODUCT FEATURE	
CHECKED						POB-15-818-13-LCA Rev. B	
ISSUED							
SIZE		FSCM NO.		DWG NO.		REV.	
A		05XQ0		POB-15-818-13-LCA Rev. B		A2	
SCALE		N:S				SHEET 1 OF 1	