

Description:

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

Specifications:

Frequency Range: 1.0 to 10.0 GHz
 Gain: 17dB Typ.
 Gain Flatness: +/- 1.5dB Typ.
 Noise Figure: 2.0dB Typ.
 OP1dB: 15dBm Typ.
 VSWR Input/Output: 2.0:1 Typ.
 DC Voltage Supply: +12 to +15VDC
 DC Current Draw: 65mA 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
 Gain and Phase Matching
 MIL-STD-883 Screening Available

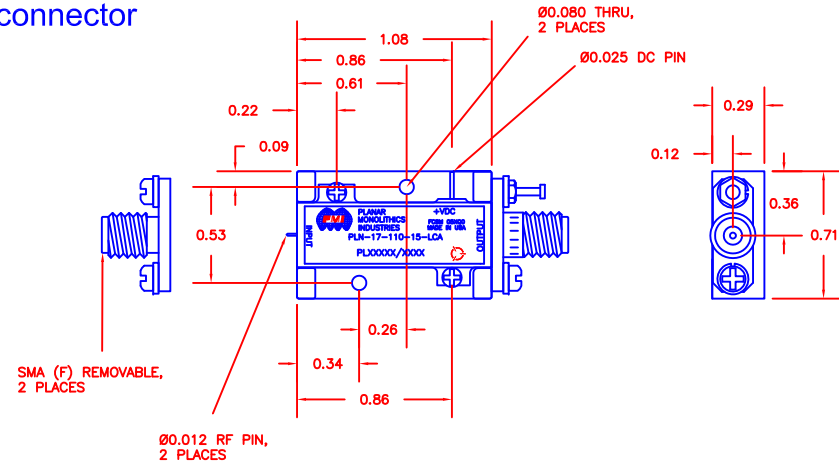
Environmental Ratings:

Temperature: -20°C to +70°C (Operating)
 -55°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

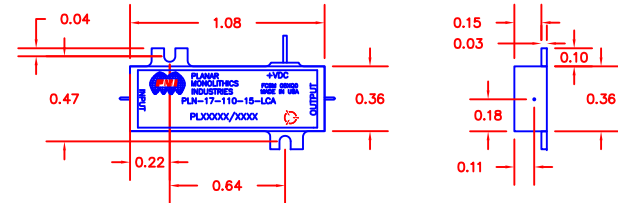
Note: The above specifications are subject to change or revision.

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	08/14/13	
	B1	ECN # 14-0026	02/11/14	



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>ANG</i>		08/14/13	PRODUCT FEATURE PLN-17-110-15-LCA			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PLN-17-110-15-LCA	B1
			SCALE	N:S	SHEET	1 OF 1