

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: 8 to 10 GHz
Gain: +32dB Typ.
Gain Flatness: +/- 1.25dB Typ.
Noise Figure: 0.8dB Typ.
OP1dB: +2dBm Typ.
OIP3: +10dBm Typ
Max Input Power CW: +10dBm
VSWR Input/Output: 2.0:1 Typ.
DC Voltage Supply: +12VDC
DC Current Draw: 40mA 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

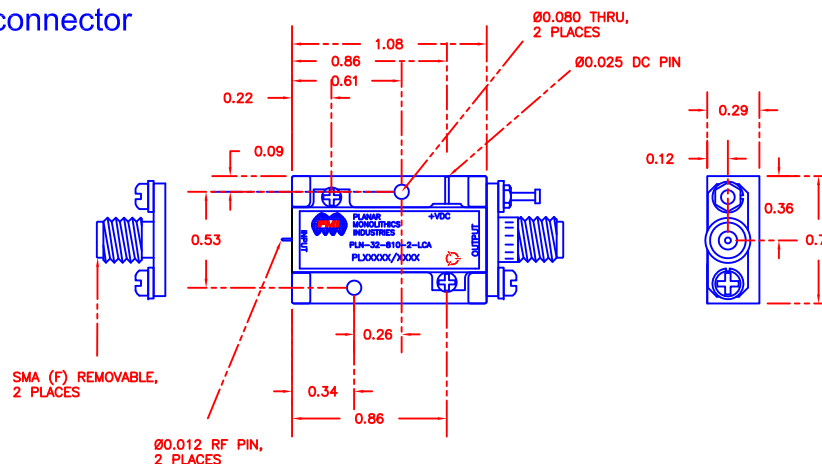
Environmental Ratings:

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

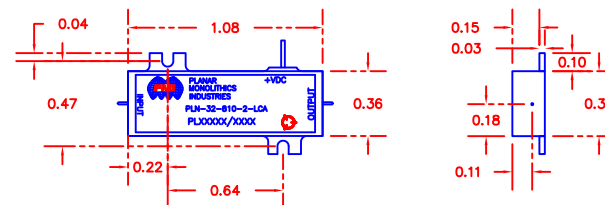
Note: The above specifications are subject to change or revision.

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	10/26/11	



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



CONFIDENTIAL & PROPRIETARY

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APPROVALS		DATE		TITLE				REV.	
DRAWN	afk		10/26/11	PRODUCT FEATURE PLN-32-810-2-LCA				A	
CHECKED				SIZE	FSCM NO.	DWG NO.			
ISSUED				A	05XQ0	STD-MODEL			
				SCALE	N:S			SHEET	1 OF 1