

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: 0.25 to 18.0 GHz
Gain: 15 dB Typ.
Gain Flatness: ± 1.5 dB Max.
VSWR Input/Output: 2.0:1 Max.
Noise Figure: 5.0 dB Typ.
OP1dB: 15 dBm Min.
DC Voltage Supply: +12 to +15 VDC
DC Current Draw: 65 mA Max.

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:

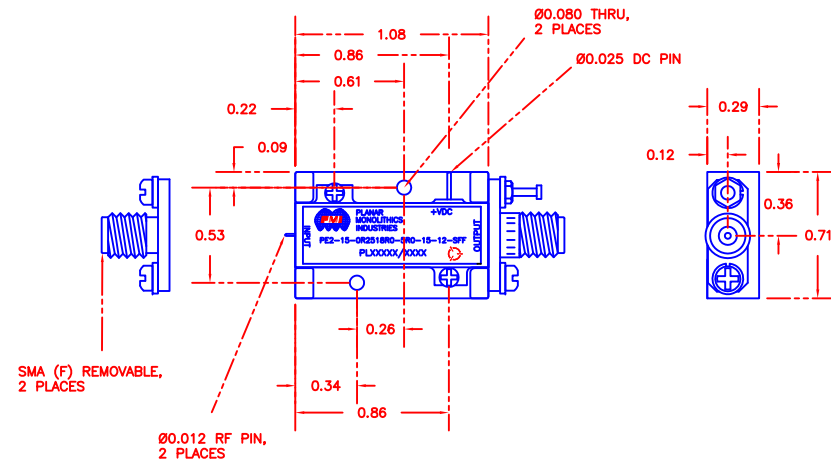
Temperature: -54°C to +95°C (Operating)
..... -65°C to +125°C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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

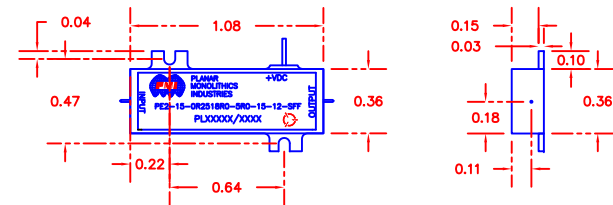
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.010
X.XXX ± 0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	10/19/17	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



CONFIDENTIAL & PROPRIETARY

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ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		06/20/12		PRODUCT FEATURE			
REDRAWN		10/19/17		PE2-15-0R2518R0-5R0-15-12-SFF			
ISSUED				SIZE	FSCM NO.	OWG NO.	REV.
				A	05XQ0	PRELIMINARY	—
				SCALE	N:S	SHEET	1 OF 1