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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN NJA	10/26/11
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE POB-15-818-13-LCA Rev. B

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	POB-15-818-13-LCA Rev. B	A2

SCALE N:S SHEET 1 OF 1