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

This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range: 16.0 to 17.0 GHz
Gain: 30dB Typ.
Gain Flatness: +/-0.5dB Max.
Noise Figure: 3.75dB Typ.
OP1dB: 19dBm Min.
VSWR Input/Output: 2.0:1 Max.
DC Voltage Supply: +12 to +15V/DC
DC Current Draw: 320mA Max.

Features:
Internal Voltage Regulation
Unconditional Stability
Standard Operating Temperature -20 to +70 Deg. C

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Available Options:
Various Package types
Various Connector types
Temperature Compensation
Hermetic Sealing
Gain and Phase Matching
ML-STD-883 Screening Available

Environmental Ratings:

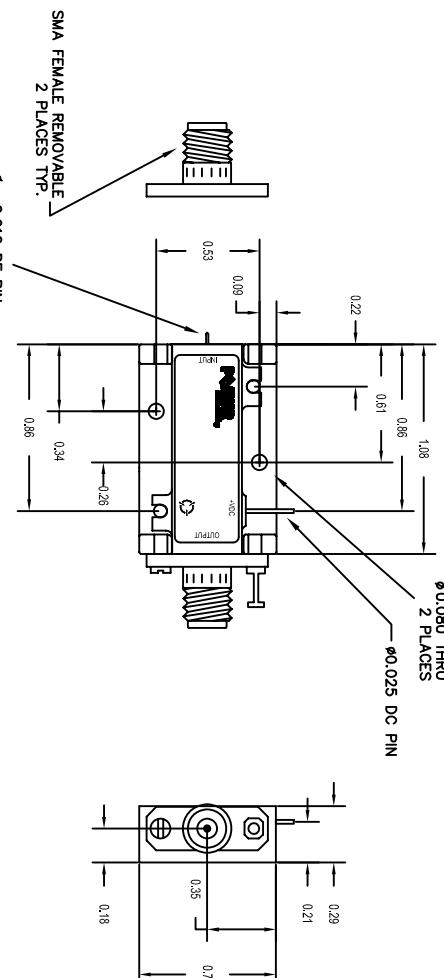
Temperature: -20 to +70 Deg. C (Operating); -55 to +85 Deg C Available
Humidity: -55 to +125 Deg. C (Storage)
Shock: MIL-STD-202F METHOD 103B COND B.
Altitude: MIL-STD-202F, METHOD 213B COND B.
Temperature Cycle: MIL-STD-202F, METHOD 105C COND B.

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

PE2 HOUSING WITH CARRIER

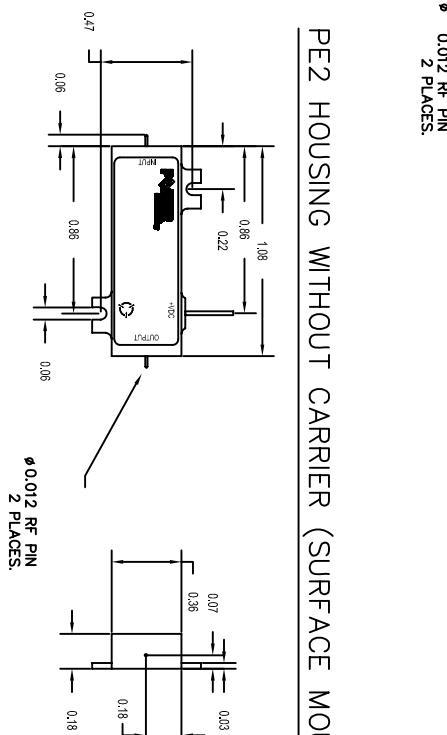
DATE REC'D.	RE. RELEASE	DATE APPROVED
-	ORIGINAL RELEASE	2/1/98

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PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS ± 0.005 ANGLES $\pm 0.5^\circ$

MATERIAL: 6061-T6 Aluminum

FINISH: Gold Plate over Nickel

DO NOT SCALE DRAWING

DATE REC'D. 5/15 Industry One, Unit 11
APPROVALS APPROVED BY: FREDERICK, MARYLAND
K. Mason

DATE REC'D. 5/15/98 RELEASE DATE: 2/1/98
APPROVALS APPROVED BY: FREDERICK, MARYLAND
K. Mason

RE. RELEASE

2/1/98

APPROVED

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