

8 7 6 5 4 3 2 1

SEARCH	REVISIONS
SEARCH	ORIGINAL RELEASE 2/1/98

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: 1.5 to 2.0 GHz
 Gain: 15dB Typ.
 Gain Flatness: +/-0.5dB Max.
 Noise Figure: 5.0dB Typ.
 OP1dB: 20dBm Min.
 VSWR Input/Output: 2.0:1 Max.
 DC Voltage Supply: +12 to +15V/DC
 DC Current Draw: 225mA Max.

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

B

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

Environmental Ratings:

Temperature: -20 to +70 Deg. C (Operating); -55 to +85 Deg C Available

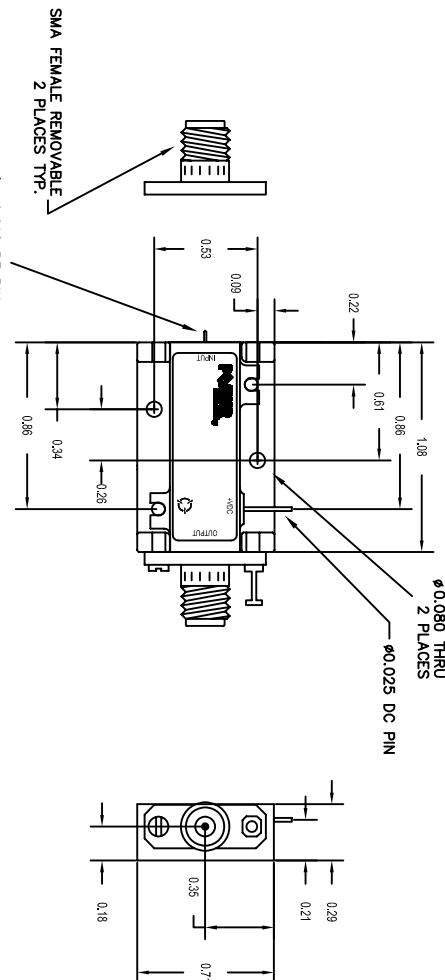
Humidity: -55 to +125 Deg. C (Storage)
 MIL-STD-202F METHOD 103B COND B.

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.

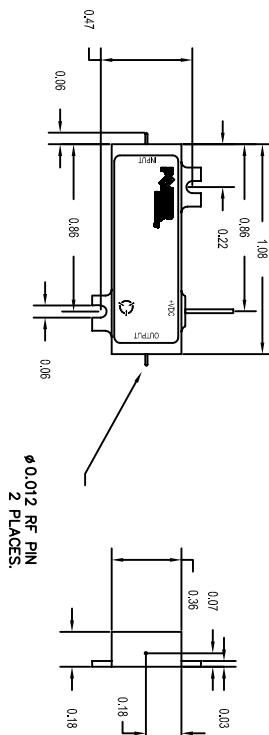
D

PE2 HOUSING WITH CARRIER



C

PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



A

UNLESS OTHERWISE SPECIFIED		PART NO.	REV. NO.	5715 Industry Lane, Unit 11 FREDERICK, MARYLAND
DIMENSIONS ARE IN INCHES		APPENDIX	DATE	
TOLERANCES ARE:		2/2/98	REV. B	PRDUCT FEATURE
DECIMALS	ANGLES			PE2-15-1052RD-590-22-12-SFF
$\pm .000 \pm 0.005$	$\pm 10^{\circ}$			
FINISH: Gold Plate over Nickel	SIZE: 1LK53	REV. NO.	WEB - MODEL	A
DO NOT SCALE DRAWING		SCALE: N/A	SCALE: 1 OF 1	

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