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ITEM NO.	DESCRIPTION	DATE	APPROVED
-	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.

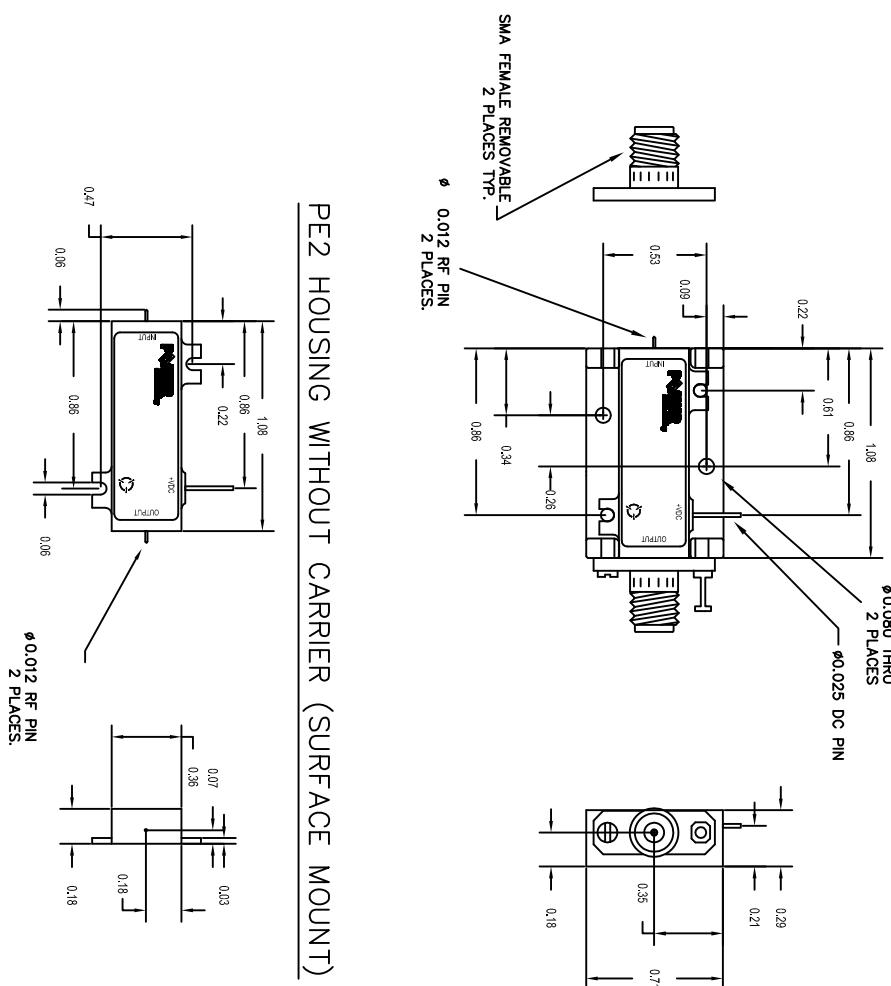
Specifications:

Frequency Range: 0.25 to 10.0 GHz
 Gain: 45dB Typ.
 Gain Flatness: +/-1.25dB 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: 385mA Max.

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

B

PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



A

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.

A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	ITEM NO.	APPROVALS	DATE
TOLERANCES ARE: .005	5715	Industry One, Unit 11	
FRACTIONS DECIMALS ± .XX ± 0.010	APPROVALS	5715	
DECIMALS ± .005	DATE	FREDERICK, MARYLAND	
ANGLES °	5715		
FINISH: Gold Plate over Nickel	ITEM NO.	PR-22-12-SFF	
DO NOT SCALE DRAWING	REV. NO.	PE2-45-0825080-5R0-22-12-SFF	
	B	1LK53	
	WEB - MODEL	A	
	SCALE	1 OF 1	