

REVISIONS				DATE	APPROVED
2	REV	DESCRIPTION	DATE		
-		ORIGINAL RELEASE	2/7/03		

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:
Gain:
Gain Flatness:
Noise Figure:
OP1dB:
VSWR Input/Output:
DC Voltage Supply:
DC Current Draw:
- 0.5 to 2.0 GHz
45dB Typ.
+/-0.75dB Max.
5.0dB Typ.
13dBm Min.
2.0:1 Max.
+12 to +15VDC
200mA Max.

Features:

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

Available Options:

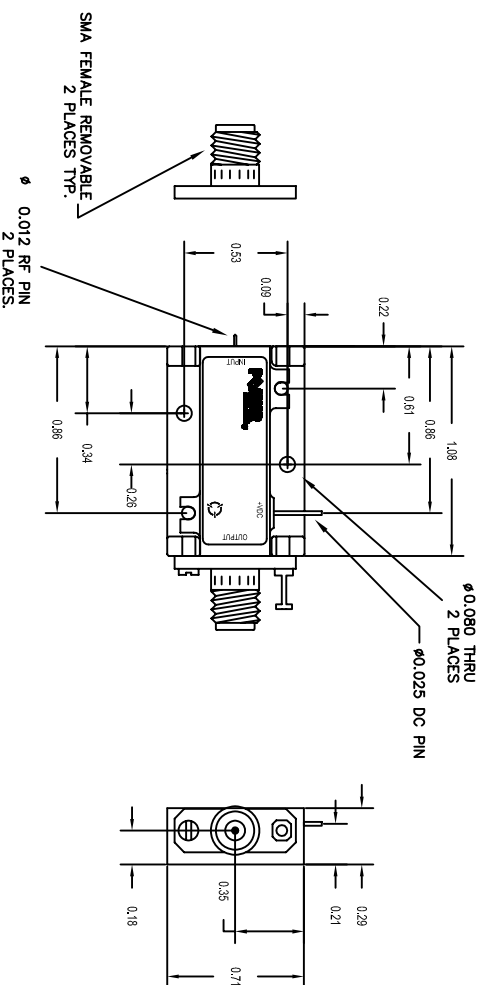
- Various Package types
Various Connector types
Temperature Compensation
Hermetic Sealing
Gain and Phase Matching
MIL-STD-883 Screening Available

Environmental Ratings:

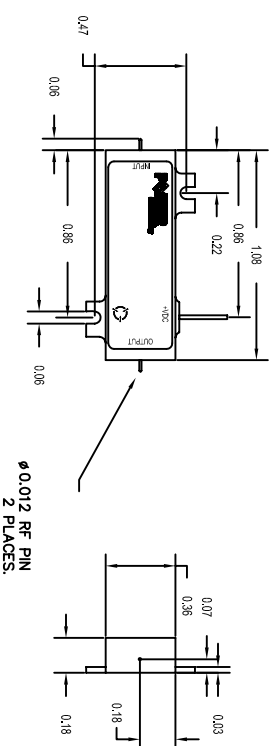
- Temperature:
Humidity:
Shock:
Altitude:
Temperature Cycle:
- 20 to +70 Deg. C (Operating) ; -55 to +85 Deg C (Available)
-55 to +125 Deg. C (Storage)
MIL-STD-202F, METHOD 103B COND B.
MIL-STD-202F, METHOD 213B COND B.
MIL-STD-202F, METHOD 105C COND B.
MIL-STD-202F, METHOD 107D COND A


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

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



		PART NO.		5715 Industry Lane, Unit 11 FREDERICK, MARYLAND	
		APPROVAL	DATE		
MATERIAL:		6061-T6 Aluminum	2/27/03		
FINISH:		Gold Plate over Nickel			
TOLERANCES ARE:		FRACTIONS	DECIMALS	ANGLES	
.XX ± 0.010		.XXX ± 0.005		±	
.XXX ± 0.005					
DO NOT SCALE DRAWING					
 PRODUCT FEATURE					
PE2-43-ORGRD-4K5-12-SF					
B 11K53		PER TO	WEB - MODEL		
SHEET 1 OF 1		REV		A	