

Description:

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

Specifications:

Frequency Range:	0.5 to 18.0 GHz
Gain:	
0.5-2.0 GHz	10 dB Typ.
2.0-4.0 GHz	14 dB Typ.
4.0-9.0 GHz	15 dB Typ.
9.0-18.0 GHz	17 dB Typ.
VSWR Input/Output:	2.5:1 Max.
Noise Figure:	Not Specified.
OP1dB:	+14 dBm Min.
DC Voltage Supply:	+15 VDC
DC Current Draw:	350mA Max.
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

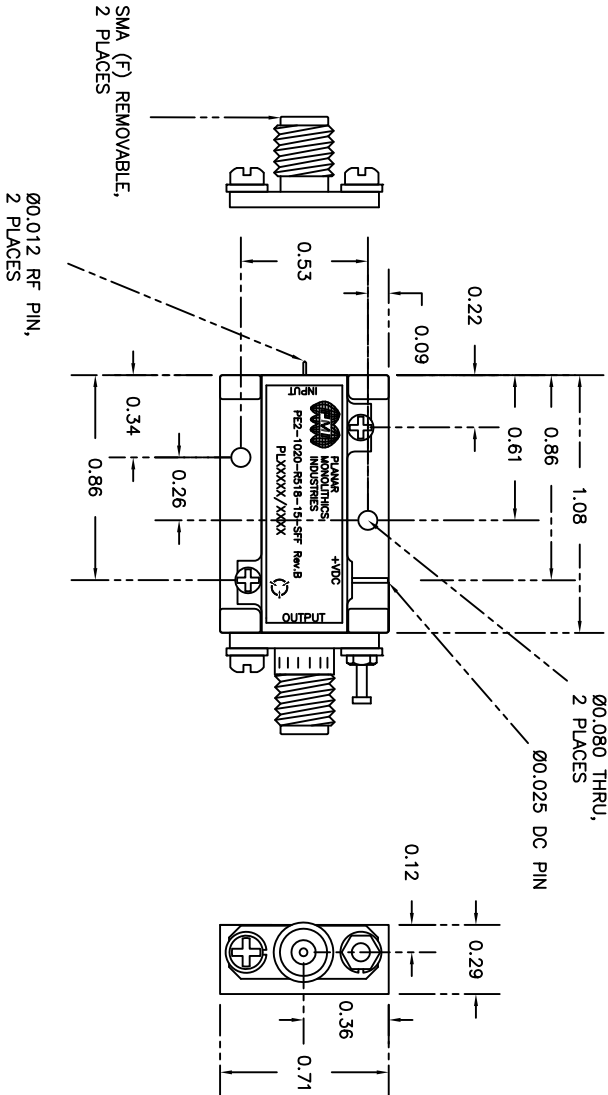
Environmental Ratings:

Temperature:	-54° C +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

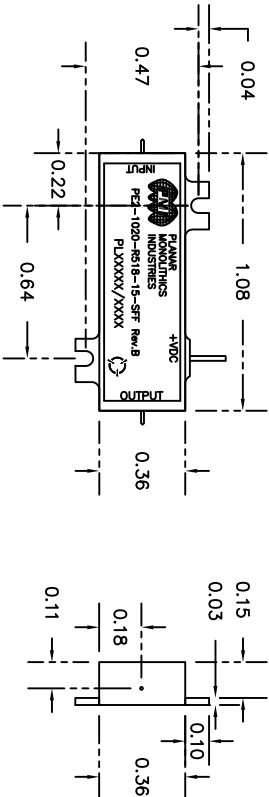
Note: The above specifications are subject to change or revision.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	12/9/12

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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APPROVALS		DATE		TITLE			
DRAWN	<i>SGR</i>		12/9/12	PRODUCT FEATURE			
CHECKED				PE2-1020-R518-15-SFF Rev.B			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	27000583	A
		SCALE	N:S			SHEET	1 OF 1

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005