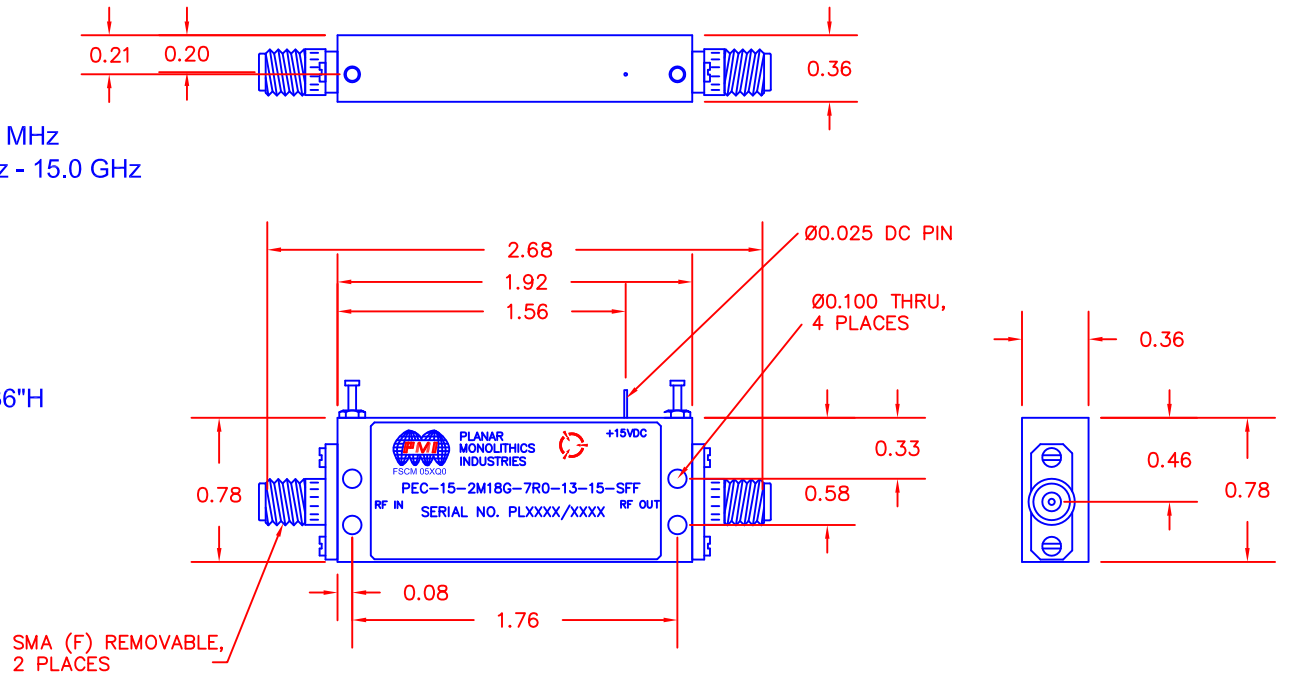
Description:

Low Noise Amplifier designed for Military and Industrial applications. This amplifier can be used as a SMA connectorized or a surface mount component.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	01/03/12	

Specifications:

Frequency Range:	2.0 MHz to 18.0 GHz
Gain:	13.5 to 17.5 dB Typ.
Gain Flatness:	+/- 2.0dB Typ.
Noise Figure:	10.0dB Typ. @ 10-100 MHz
	7.0dB Typ. @ 100 MHz - 15.0 GHz
OP1dB:	+13dBm Typ.
VSWR Input/Output:	2.5:1 Typ.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	300mA Typ.
Connectors In/Out:	SMA Female
Finish:	Gold Plated
Housing:	1.92"L X 0.78"W X 0.36"H



Features:

Internal Voltage Regulation
Unconditional Stability

Available Options:

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

Environmental Ratings:

Temperature:	-20°C to + 70°C (Operating)
	-55°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.

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

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ISO 9001:2000 CERTIFIED

APPROVALS	DATE
DRAWN JJR	01/03/12
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
PEC-15-2M18G-7R0-13-15-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27007542	A

SCALE N:S SHEET 1 OF 1