

Description:

PMI Model Number: PEC-26-218-5-24-12-SFF-NSI is a 2.0 to 18.0 GHz low noise amplifier. This amplifier is supplied in housing that can be used as a SMA connectorized or a surface mount component.

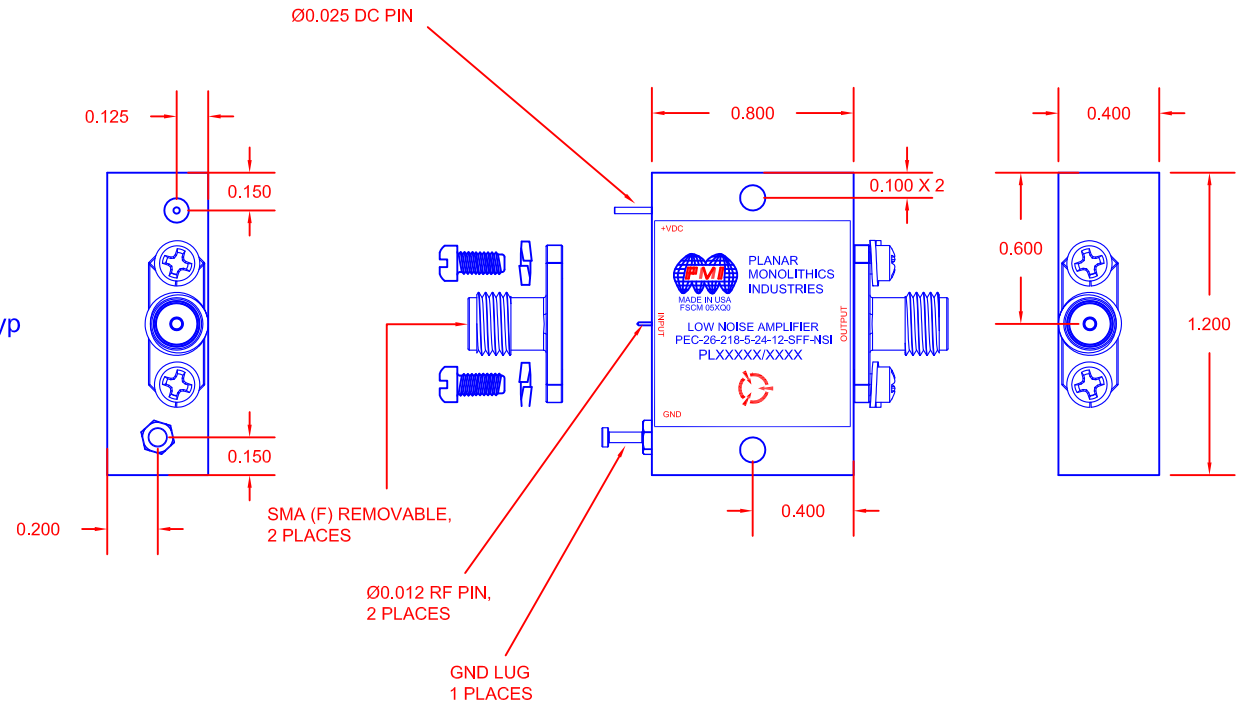
Specifications:

Frequency Range:	2.0 to 18.0 GHz
Gain:	24 dB Min / 26 dB Typ
Noise Figure:	3.0 dB Typ / 5.5 dB Max
VSWR Input/Output:	1.6:1 Max / 1.35:1 Goal
Gain Flatness per 1 GHz:	±0.5 dB Max
RF Input Power:	+18 dBm Max
OP1dB:	22 dBm Min / 24 dBm Typ
OIP3:	33 dBm Typ
Impedance:	50 Ohms Nominal
DC Supply:	+12 to +15VDC @ 400mA Typ
Connectors In/Out:	SMA Female
Finish:	Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/21/20	
	1	GAIN FLATNESS + MECHANICALS	2/10/20	



PMI CONFIDENTIAL AND PROPRIETARY

Environmental Ratings:

Temperature:	0°C to +75°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.
Specifications will vary over operating temperature.

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>JPH</i>		1/21/20	PRODUCT FEATURE			
REDRAWN			PEC-26-218-5-24-12-SFF-NSI			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	1
			SCALE	N:S		SHEET 1 OF 1