

Description:

PMI Model Number: PEC-30-7D5G18G-4R0-20-12-SFF is a 7.5 to 18 GHz low noise amplifier. This amplifier is supplied with SMA connectors. This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	7.5 to 18 GHz
Gain, Temp & Frequency:	29dB to 32dB Typ.
Gain Flatness:	+/- 2.0dB Max.
Noise Figure:	4.0dB Max.
OP1dB:	+20dBm Min.
OIP3:	+28dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 VDC
DC Current Draw:	500mA Max.
Connectors In/Out:	SMA Female

Features:

Internal Voltage Regulation.
Unconditional Stability.
LNA is supplied with an internal bias-tee on the output.

Available Options:

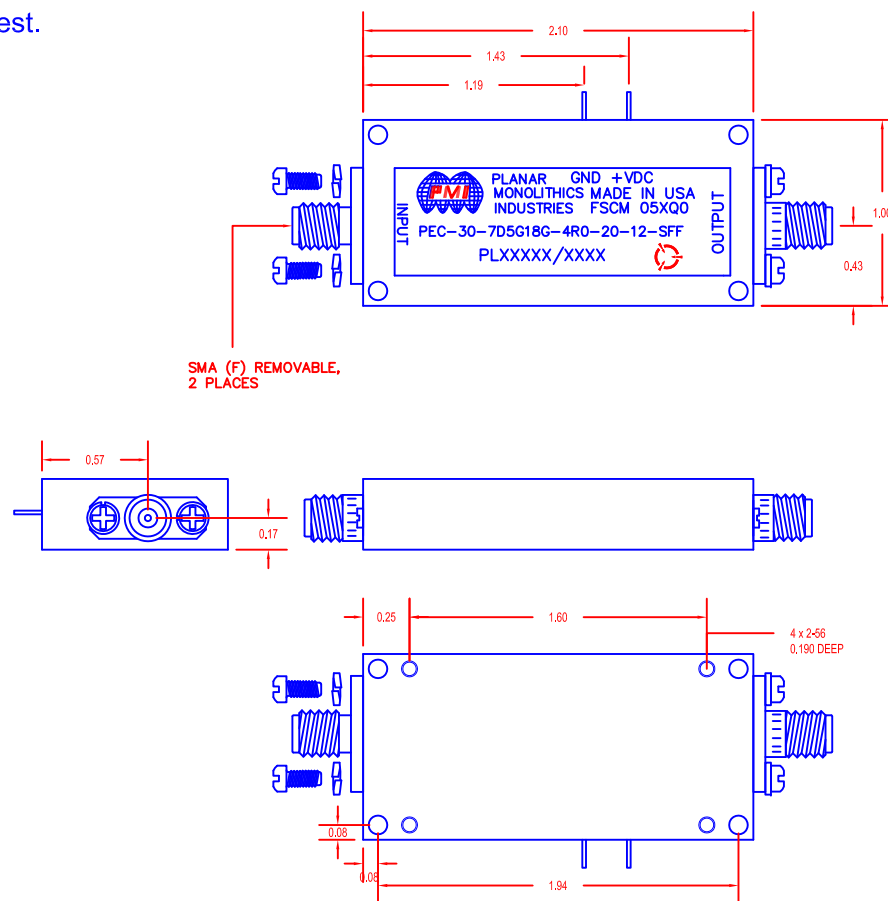
Various Package types
Various Connector types
Temperature Compensation
Gain and Phase Matching
MIL-STD-883 Screening Available

Environmental Ratings:

Temperature:	0°C to + 85°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	APPROVED
	—	PRELIMINARY	1/12/18	



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



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

APPROVALS		DATE	TITLE			
DRAWN <i>JPH</i>		1/12/18	PRODUCT FEATURE			
CHECKED			PEC-30-7D5G18G-4R0-20-12-SFF			
ISSUED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. —
SCALE N: S			SHEET 1 OF 1			