

Description:

PMI Model Number: PEC-38-30M18G-12-SFF is a 30MHz to 18GHz low noise amplifier.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	2/25/05	

MECHANICAL OUTLINE DRAWING

Specifications:

Frequency Range:	30MHz to 18GHz
Gain:	+38dB Typ
Gain Flatness:	±2.0dB Max
*Noise Figure:	5.0dB Max
(*Only valid above 500MHz)	
OP1dB:	+12dBm Min
VSWR Input/Output:	2.2:1 Max
DC Supply:	+12VDC @ 300mA Max
Connectors In/Out:	SMA Female
Finish:	Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability

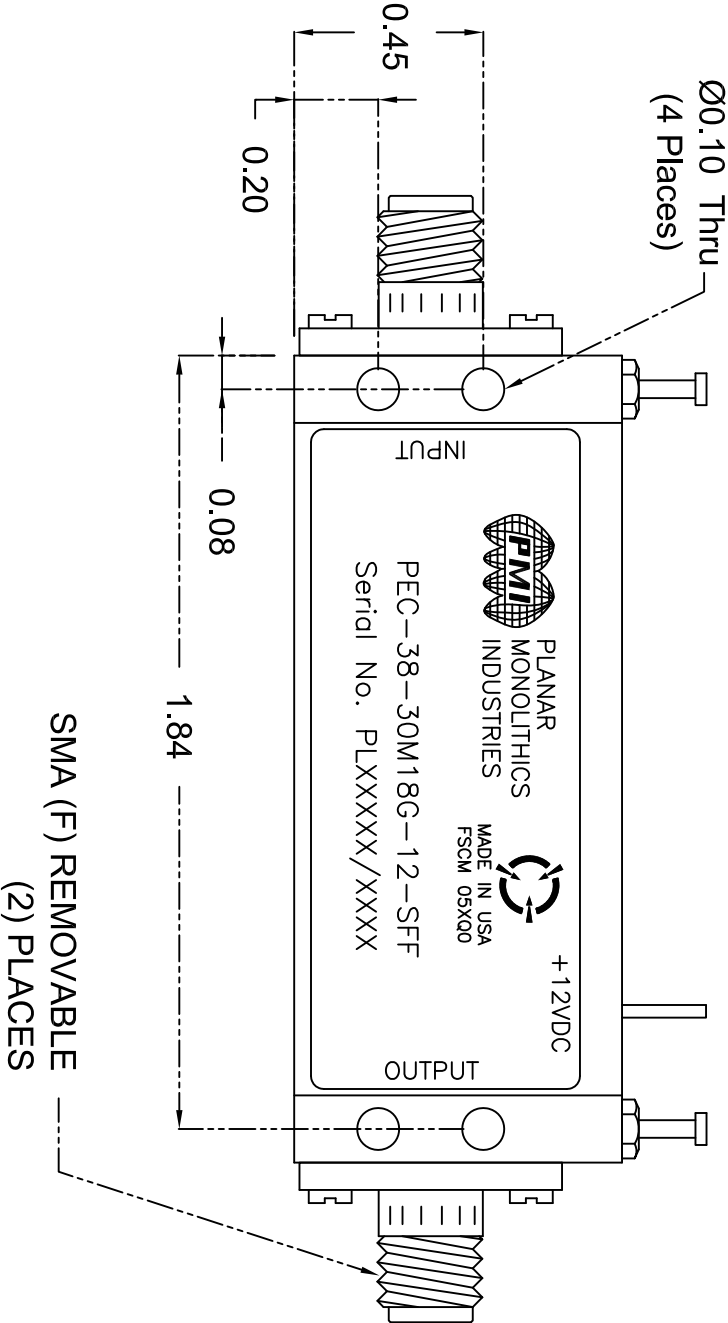
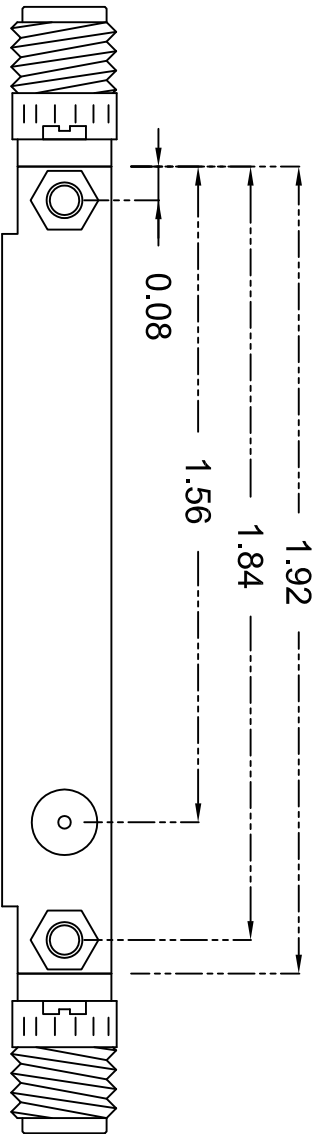
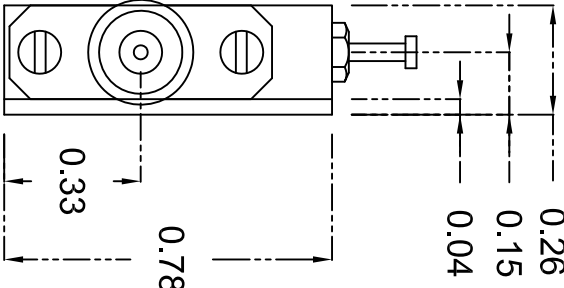
Available Options:

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

Environmental Ratings:

Temperature:	-54°C to + 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.



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APPROVALS		DATE	TITLE		
DRAWN	JKM	2/25/05	OUTLINE DRAWING		
CHECKED			PEC-38-30M18G-12-SFF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	27003942
			SCALE	N:S	SHEET 1 OF 1