

Description:

PMI Model Number: PEC4-16-8G18G-4R7-18-15-SFF is a 8.0 to 18.0 GHz compact amplifier with input protection limiter. This amplifier is supplied in our standard PEC4 housing. This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	8.0 to 18.0 GHz
Gain:	+13 dB Min., 16 dB Max.
Gain Flatness:	± 1.50 dB Max
Noise Figure:	4.7 dB Max.
OP1dB:	+18 dBm Typ.
VSWR Input:	1.67:1 Max
VSWR Output:	2.25:1 Max
DC Voltage Supply:	+12.5 to +28VDC
DC Current Draw:	250 mA Typ.
Connectors In/Out:	SMA Female
Maximum Input:	+30 dBm CW

Features:

Internal Voltage Regulation
Unconditional Stability
Input Limiter

Available Options:

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

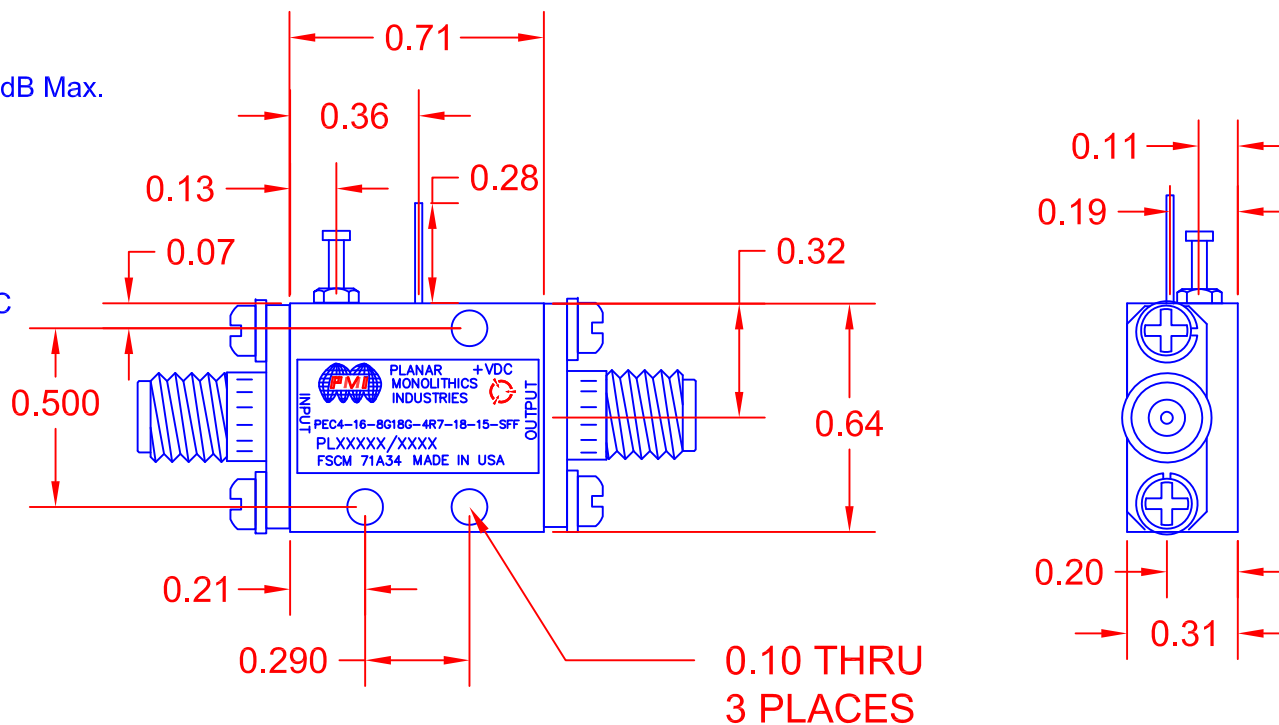
Environmental Ratings:

Temperature:	-40°C to +75°C (Operating) -65°C +110°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 ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	11/24/15	
	A1	ECN # 16-0082	06/24/16	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN		06/24/16		PRODUCT FEATURE	
CHECKED				PEC4-16-8G18G-4R7-18-15-SFF	
ISSUED					
SIZE	A	FSCM NO.	71A34	DWG NO.	27028812
SCALE	N: S			SHEET	1 OF 1