

Description:

PMI Model Number: PEC2-60-4G8G-1R75-14-12-SFF is a 4 to 8 GHz low noise amplifier. This amplifier can be used as a SMA connectorized or a surface mount component.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	11/16/12	

Specifications:

Frequency Range:	4 to 8 GHz
Gain:	60dB Typ
Gain Flatness:	±1.25dB Max
Noise Figure:	1.75dB Max
OP1dB:	+14dBm Min
VSWR Input/Output:	2.0:1 Max
DC Supply:	+12VDC TO +15VDC @ 350mA Nominal
Connectors In/Out:	SMA (F) Removable
Finish:	Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability

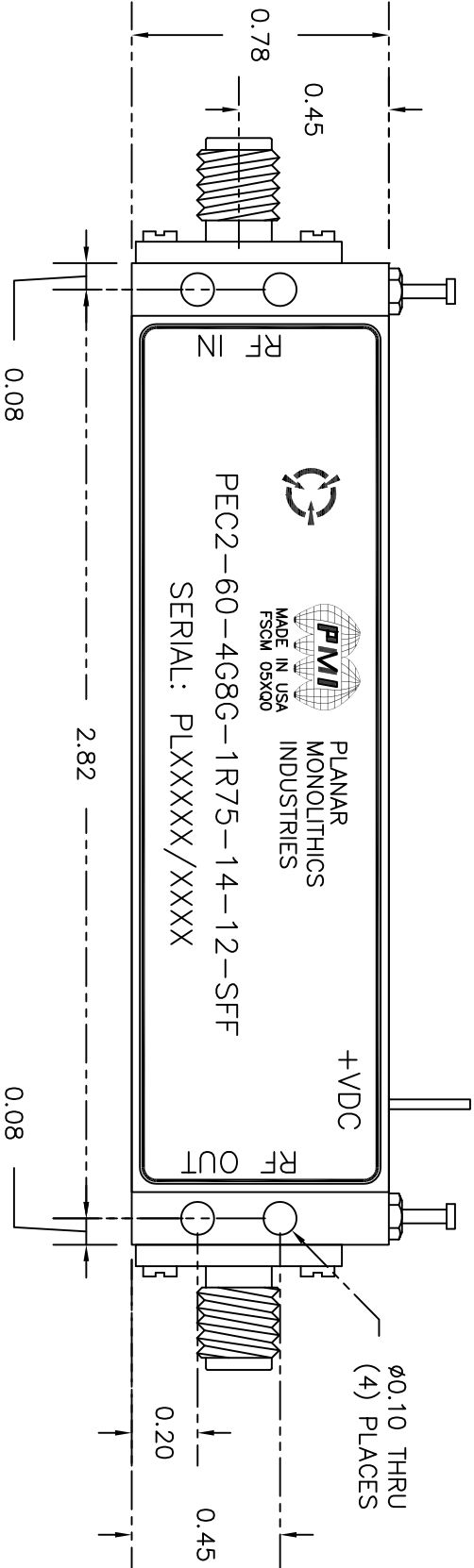
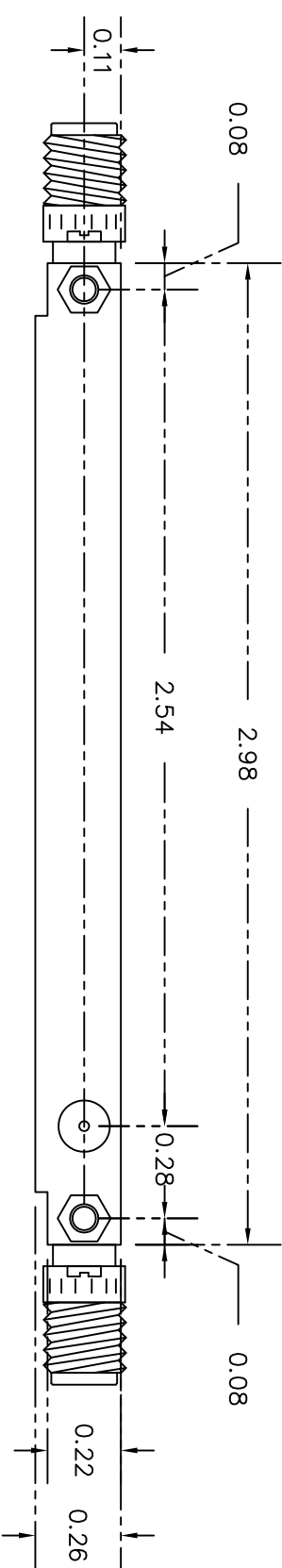
Available Options:

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.



CONFIDENTIAL & PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

TEL: 301-662-5019 FAX: 301-662-1731

WEBSITE: www.pmi-rf.com

E-MAIL: sales@pmi-rf.com

ISO 9001:2008 CERTIFIED



PRODUCT FEATURE

PEC2-60-4G8G-1R75-14-12-SFF

SIZE

FSCM NO.

DWG NO.

A

05X00

27017961

REV.

A

APPROVALS

DATE

gfk

11/16/12

CHECKED

ISSUED

SCALE

N:S

SHEET

1 OF 1

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.010

X.XXX ±0.005