

Description:

PMI Model Number PE2-28-218-3R5-14-15-SFF is a 2.0 to 18 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	2.0 to 18 GHz
Gain:	28 dB Typ.
Gain Flatness:	+/- 0.5 dB Typ, +/- 0.75 dB Max
Noise Figure:	3.5 dB Typ, 4.0 dB Max.
OP1dB:	+14 dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	180mA Max.
Connectors In/Out	SMA Female

Features:

Internal Voltage Regulation
Unconditional Stability
Standard Operating Temperature -55 to +85 Deg. C

Available Options:

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

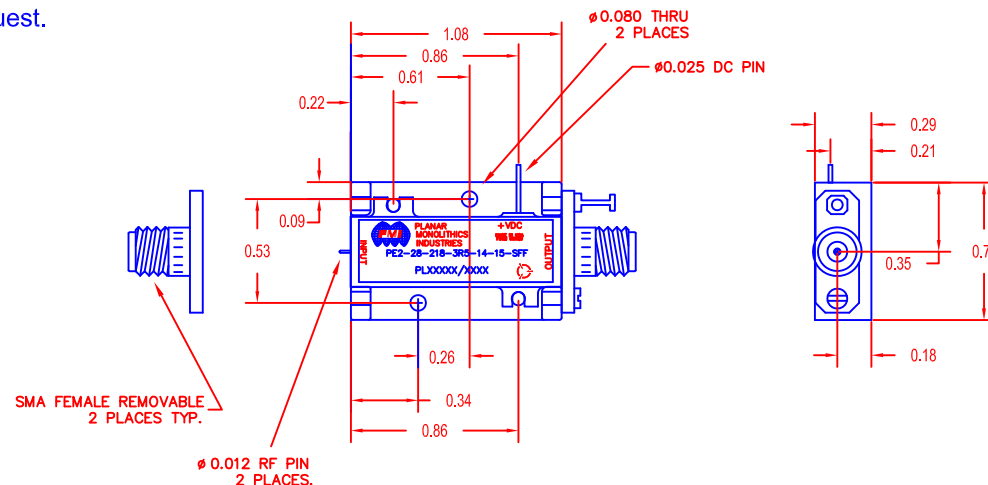
Environmental Ratings:

Temperature:	-55 to +85 Deg. C (Operating)
	-65 to +125 Deg. 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

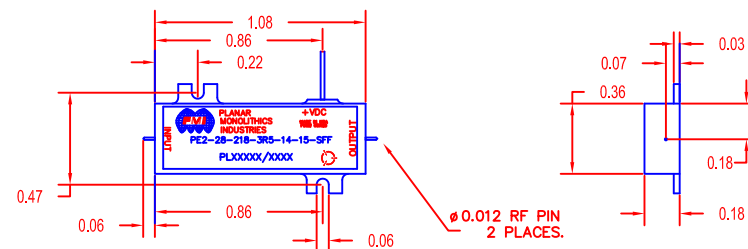
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/9/10	
	A2	ECN # 13-0084	07/16/13	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE	TITLE			
DRAWN		DPD	PRODUCT FEATURE			
CHECKED		SFK	PE2-28-218-3R5-14-15-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27003182	A2
			SCALE	N: S	SHEET	1 OF 1