

Description:

PMI Model Number: PE2-25-218-20-12-SFF-OPT6G8G is a 6 to 8 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:	6 to 8 GHz
Gain:	25 dB Min.
Gain Flatness:	+/- 1.5 dB Max.
Noise Figure:	4.5 dB Typ, 5.5dB Max.
OP1dB:	+23 dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15 VDC
DC Current Draw:	350 mA Max.
Connectors In/Out	SMA Female

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:

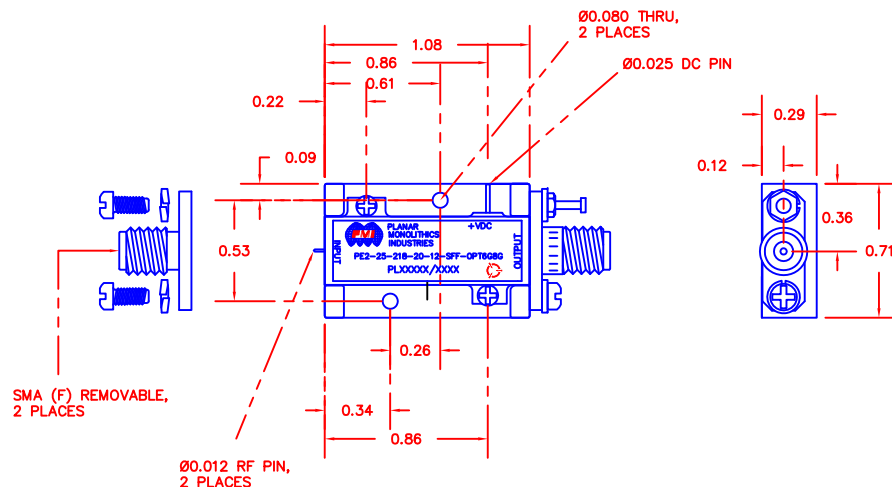
Temperature:	-55°C to + 85°C (Operating) -65°C to +125°C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

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

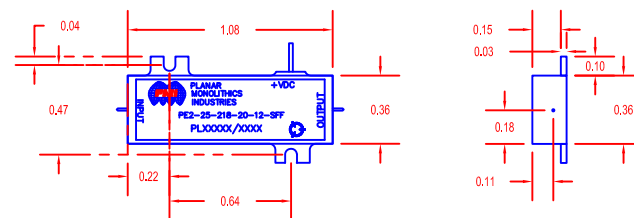
ALL DIMENSIONS ARE IN INCHES
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TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	03/30/16	
	A1	ECN # 17-0041	03/07/17	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>B. Thomas</i>		03/30/16	PRODUCT FEATURE PE2-25-218-20-12-SFF-OPT6G8G		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27029351
ISSUED			SCALE N:S		REV. A1
				SHEET	1 OF 1