

Description:

PMI Model Number: PE2-30-0R2520R0-5R0-22-12-SFF is a 0.25 to 20.0 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.

Specifications:

Frequency Range:	0.25 to 20.0 GHz
Gain:	30dB Typ
Gain Flatness:	±1.5dB Max
Noise Figure:	5.0dB Max
OP1dB:	22dBm Min
VSWR Input/Output:	2.0:1 Max
DC Supply:	+12 to +15VDC @ 325mA Typ
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:

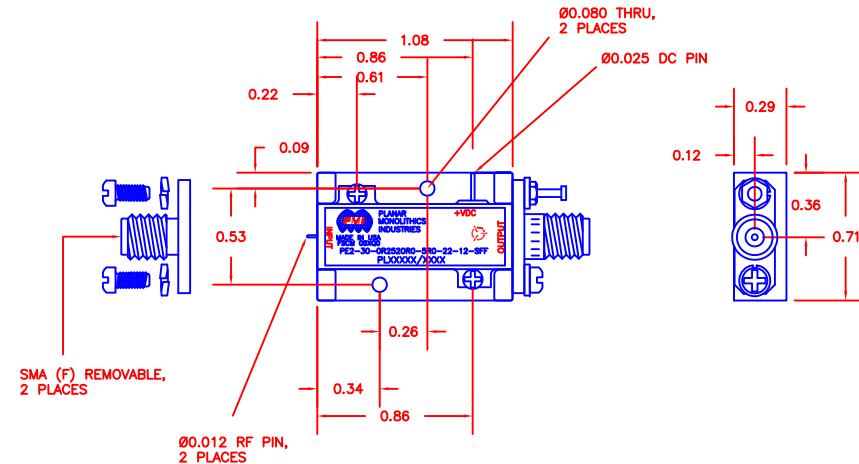
Temperature:	-40°C to + 85°C (Operating)
	-40°C to +100°C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

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

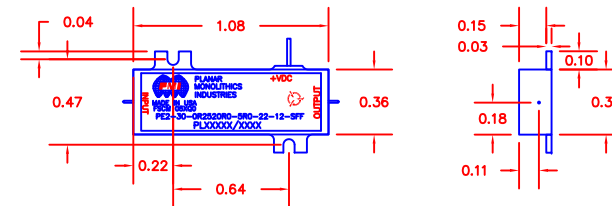
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	12/14/15	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>B. Thomas</i>		12/14/15	PRODUCT FEATURE PE2-30-0R2520R0-5R0-22-12-SFF		
CHECKED	SIZE A	FSCM NO. 05XQ0	DWG NO. 27028561	REV. 1	
ISSUED	SCALE N:S		SHEET 1 OF 1		