

Description:

Model Number PE2-31-2R04R0-3R0-25-15-SFF is a 2.0 to 4.0 GHz low noise amplifier. This model operates with a gain of typically 31 dB and provides a minimum output power of +25 dBm at the 1 dB compression point and a noise figure of 3.0 dB or better.

Specifications:

Frequency Range: 2.0 to 4.0 GHz
Noise Figure: 3.0dB Max. @ +25C

Gain: 31 dB Typ.
Gain Flatness: +/-1.5dB Max.

VSWR (In/Out): 2.0:1 Max.
Power Output: +25dBm Min. P-1

Maximum Input (No Damage): +12dBm CW Max.
DC Voltage: +15V
DC Current: 420mA Max.
RF Connectors: SMA - Female
Sealing: Epoxy
Finish: Gold Plated

Environmental Ratings:

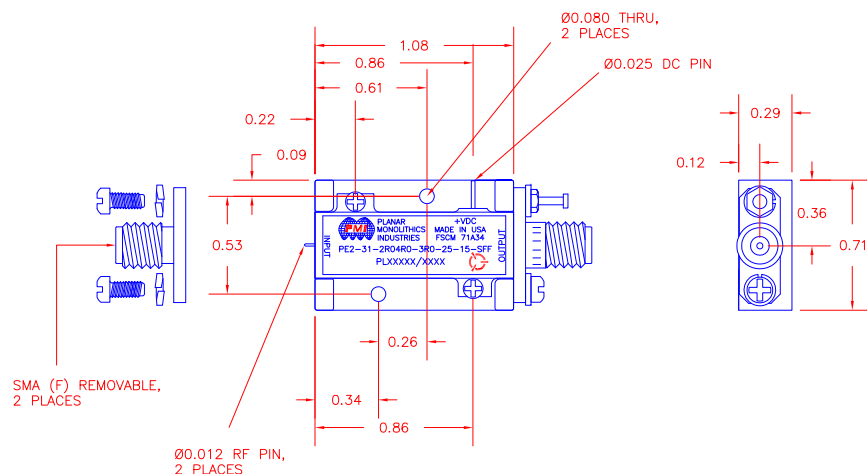
Temperature: +25C (Guaranteed Specifications)
..... -20C to +85C (Operating)
..... -54C to +85C (Storage)

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

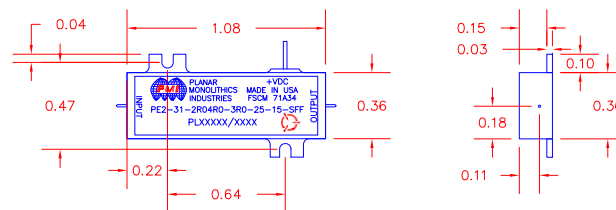
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY	1/23/15

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

4921 ROBERT J MATHEWS PKWY, SUITE 1
EL DORADO HILLS, CALIFORNIA 95762
TEL: 916-542-1401 FAX: 916-265-2597

WEBSITE: www.pmi-rf.com

E-MAIL: sales@pmi-rf.com

ISO 9001-2008 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		1/23/15		PRODUCT FEATURE	
CHECKED				PE2-31-2R04R0-3R0-25-15-SFF	
ISSUED				PRELIMINARY	
SCALE		N:S		SHEET 1 OF 1	