

Description:

PMI Model Number: PE2-15-0R58R0-4R5-15-12-SFF is a Low Noise Amplifier designed to operate over the frequency range 0.5 to 8.0 GHz. This amplifier is supplied in our standard PE2 housing with SMA connectors. Electrical performance specifications as noted below.

Specifications:

Frequency Range: 0.5 to 8.0 GHz
Gain: 15 dB TYP
Gain Flatness: +/- 1.0 dB MAX
Noise Figure: 4.5 dB TYP
OP1dB: 13 dBm MIN
VSWR Input/Output: 2.0:1 MAX
DC Voltage Supply: +12 to +15 VDC
DC Current Draw: 65 mA MAX
Connectors In/Out: SMA Female
Finish: Gold Plated

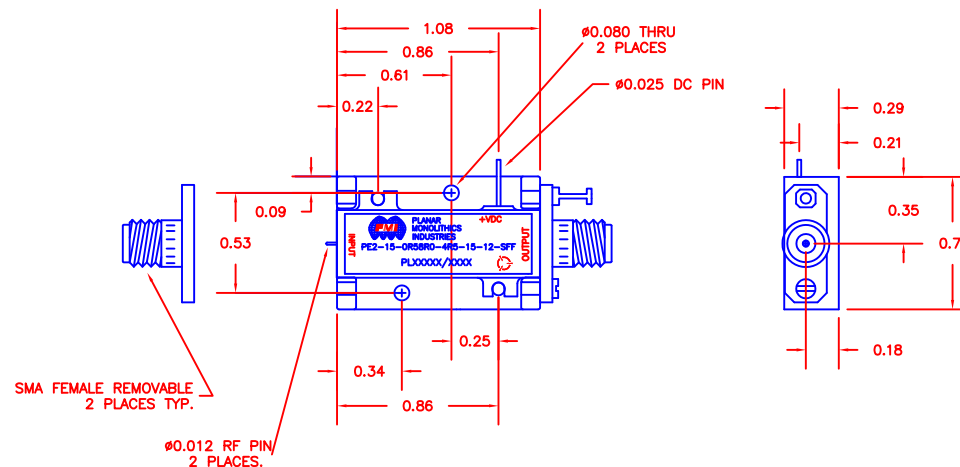
Environmental Ratings:

Temperature: -20 to +70 Deg. C (Operating); -55 to +85 Deg. C Available
-55 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

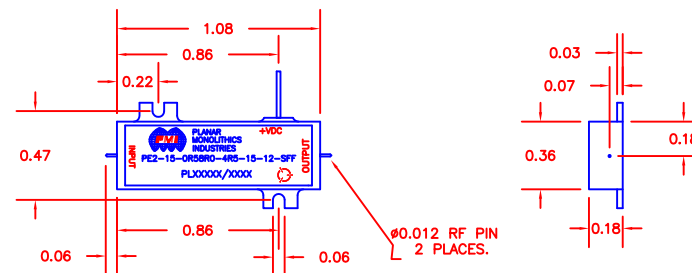
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	9/18/19	

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		9/18/19		PRODUCT FEATURE	
CHECKED				PE2-15-0R58R0-4R5-15-12-SFF	
ISSUED				PRELIMINARY	
SCALE N:S				SHEET 1 OF 1	