

DESCRIPTION

PMI MODEL: PE2-15-2R04R0-3R8-21-12-SFF IS A LOW NOISE AMPLIFIER DESIGNED FOR MILITARY AND INDUSTRIAL APPLICATIONS. THIS AMPLIFIER IS SUPPLIED IN OUR PE2 HOUSING THAT CAN BE USED AS AN SMA CONNECTORIZED OR SURFACE MOUNTED COMPONENT. OTHER PACKAGES AND CONNECTOR TYPES ARE AVAILABLE. DATA IS AVAILABLE UPON REQUEST.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 2.0 TO 4.0 GHz
- GAIN: ----- 15 dB TYPICAL
- GAIN FLATNESS: ----- ± 0.75 dB MAXIMUM
- NOISE FIGURE: ----- 3.8 dB TYPICAL
- OP1dB: ----- 21 dBm MINIMUM
- VSWR (INPUT/OUTPUT): ----- 2.0:1 MAXIMUM
- DC VOLTAGE SUPPLY: ----- +12 TO +15 VDC
- DC CURRENT DRAW: ----- 225 mA TYPICAL
- CONNECTORS: ----- SMA FEMALE (X2)
- FINISH: ----- GOLD PLATED

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
- VIBRATION: ----- MIL-STD-202F, METHOD 213B COND. B
- ALTITUDE: ----- MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202F, METHOD 107D COND. A

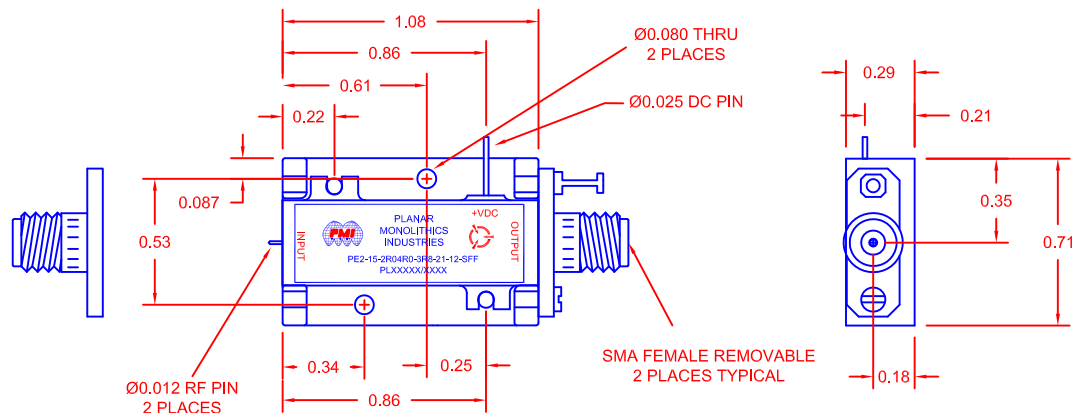
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

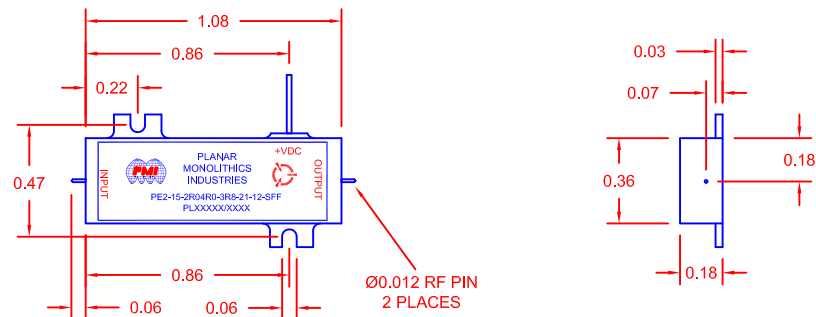
PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/26/16	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		DATE		PRODUCT FEATURE	
CHECKED		DATE		PE2-15-2R04R0-3R8-21-12-SFF	
ISSUED		DATE		PRELIMINARY	
SCALE		N:S		SHEET	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		1 OF 1	