

Description:

Model Number PE210R258R515SFFLM-OPT28 is a 2.0 to 8.0 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.

This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range: 2.0 to 8.0 GHz
Gain: 20 dB min., 23 dB max.
Noise Figure: 5.0 dB min., 5.5 dB max.
VSWR Input/Output: 2.0:1
DC Voltage Supply: +15 VDC
DC Current Draw: 500mA Max.
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: -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

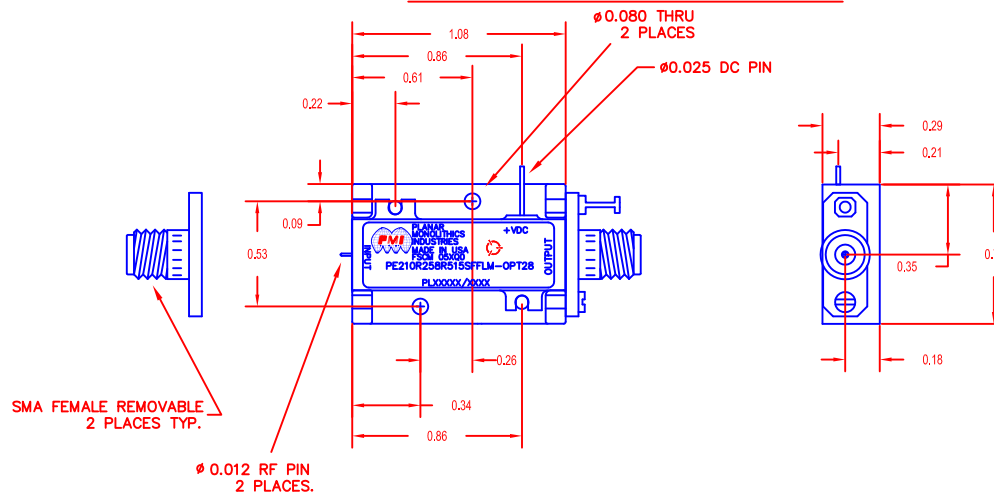
Note: The above specifications are subject to change or revision.

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:

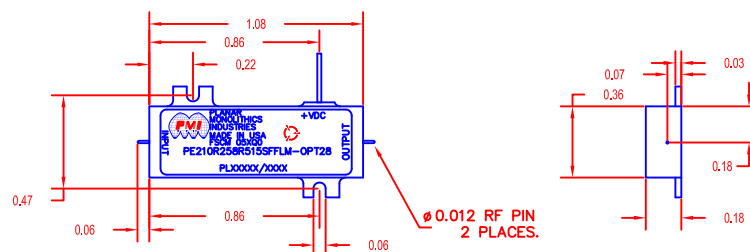
X.XX ±0.020
X.XXX ±0.010

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	8/4/16	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN		8/4/16	PRODUCT FEATURE			
CHECKED			PE210R258R515SFFLM-OPT28			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	—
			SCALE	N: S	SHEET	1 OF 1