

Description:

Model Number PE2-40-3G18G-3R0-10-15-SMF is a 3 - 18 GHz low noise amplifier. This amplifier has a gain of 40 dB minimum with +/- 1.5 dB flatness and a Maximum Noise Figure of 3.2dB.

Specifications:

Frequency Range: 3 to 18 GHz
Gain: +40dB Min.
Gain Flatness: +/- 1.5 dB Max.
Noise Figure: 3.0 dB Max (3.0 to 17.0GHz)
..... 3.2 dB Max.(17.0 to 18.0GHz)
OP1dB: +10 dBm Min.
VSWR Input/Output: 2.0:1 Max.
DC Voltage Supply: +12 to 15VDC
DC Current Draw: 280 mA Max.
Finish: Blue Epoxy Paint
..... Bottom Gold Plated (Unpainted)

Environmental Ratings:

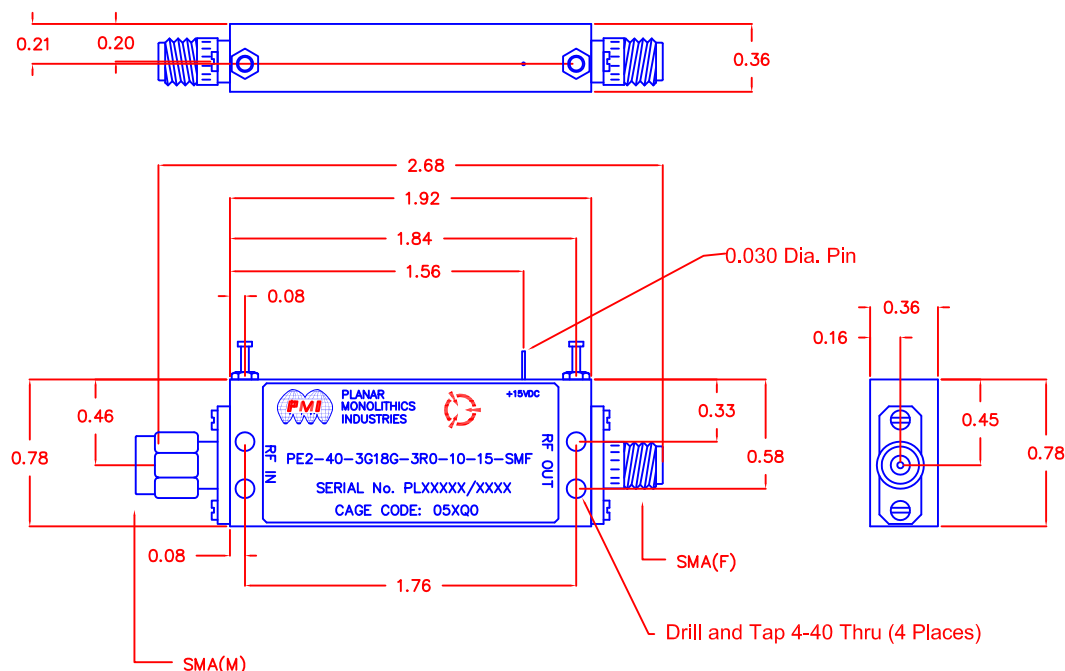
Temperature: -55°C to +85° C (Operating)
..... -65°C +125°C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	10/31/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE		
DRAWN		K. MASON		PRODUCT FEATURE		
CHECKED				PE2-40-3G18G-3R0-10-15-SMF		
ISSUED				SIZE	FSCM NO.	OWG NO.
				A	05XQ0	PRELIMINARY
				SCALE	N:S	SHEET 1 OF 1