

Description:

Model Number PEC3-9-7G18G-9-7-SFF is a 7.0 to 18.0 GHz low noise amplifier. This amplifier has a gain of 9 ± 3 dB. The unit is hermetically sealed.

This model provides the following performance.

Specifications:

Frequency Range: 7.0 to 18.0 GHz
Gain: 9 ± 3 dB
Noise Figure: 9 dB Max.
P1dB: +7 dBm Min.
IP3: +15 dBm Min.
Input Power Handling: +23 dBm MIN.
VSWR Input/Output: 1.2:1
DC Voltage Supply: +12 to +15 VDC
DC Current Draw: 400 mA Max.
Connectors In/Out: SMA Female
Finish: Blue Epoxy Paint
Bottom Gold Plated (Unpainted)

Environmental Ratings:

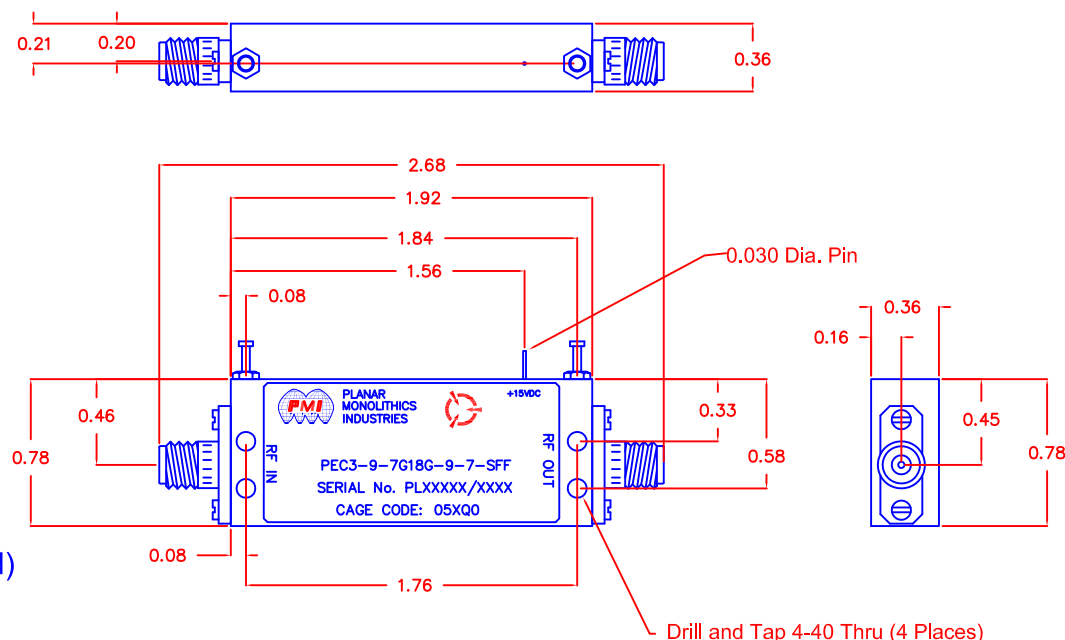
Temperature: -40°C to +70° C (Operating)
..... -65°C +117°C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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	11/6/18	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE PRODUCT FEATURE PEC3-9-7G18G-9-7-SFF				REV.			
DRAWN	<i>KM</i>	<i>02/28/05</i>					SIZE	FSCM NO.	DWG NO.	—
REDRAWN	<i>EW</i>	<i>11/6/18</i>					A	05XQ0	PRELIMINARY	—
ISSUED			SCALE	N:S		SHEET	1 OF 1			