

Description:

Model Number PEC3-33-218-20-15-SFF-HS is a 2 - 18 GHz low noise amplifier. This amplifier has a gain of 33 dB minimum with +/- 2 dB flatness. The unit is hermetically sealed.

This model provides the following performance.

Specifications:

Frequency Range: 2 to 18 GHz
Gain: +33dB Min.
Gain Flatness: +/- 2.0 dB Max.
Noise Figure: 4.0 dB Typ.
(5.0 dB Max. at Band Edges)
OP1dB: +20 dBm Min.
OIP3: +30 dBm Typ.
Input Power Handling: +17 dBm Max.
VSWR Input/Output: 2.2:1 Max.
DC Voltage Supply: +15VDC
DC Current Draw: 350 mA Typ., 450 mA Max.
Finish: Blue Epoxy Paint
Bottom Gold Plated (Unpainted)

Environmental Ratings:

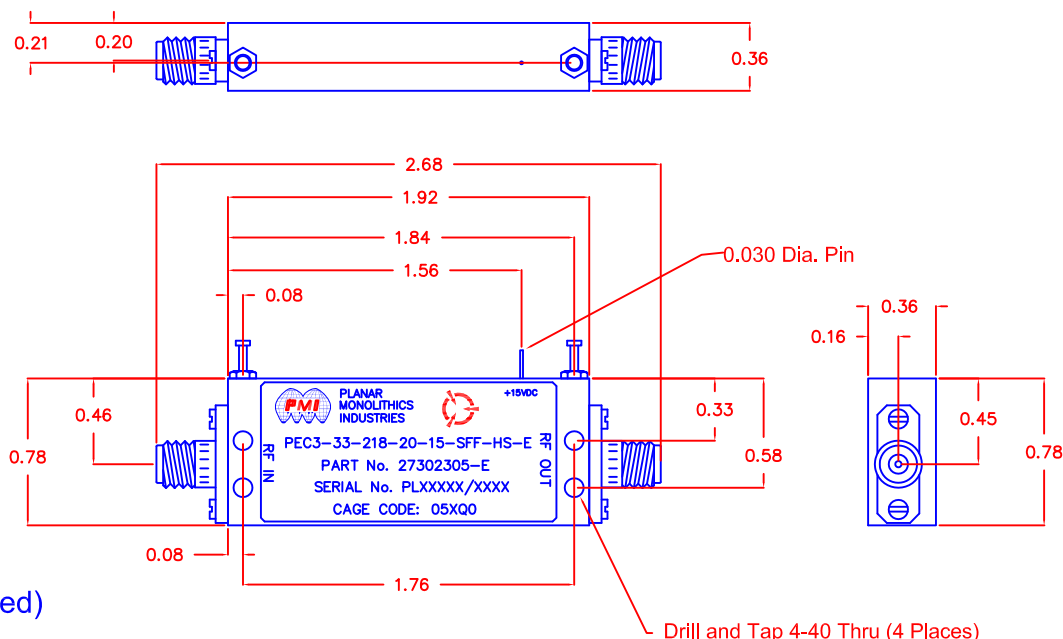
Temperature: -55°C to +85° C (Operating)
..... -65°C to +117° C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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
	B1	ORIGINAL RELEASE -- NEW HOUSING	02/28/05	
	C1	HERMETIC SEALING ADDED	02/28/05	
	C2	ECN # 14-0169	10/15/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		02/28/05		PRODUCT FEATURE	
CHECKED				PEC3-33-218-20-15-SFF-HS	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27002306	
SCALE		N:S		SHEET	
				1 OF 1	