

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	ORIGINAL RELEASE — NEW HOUSING	02/28/05	
	C	HERMETIC SEALING ADDED	02/28/05	

MECHANICAL OUTLINE

Description:

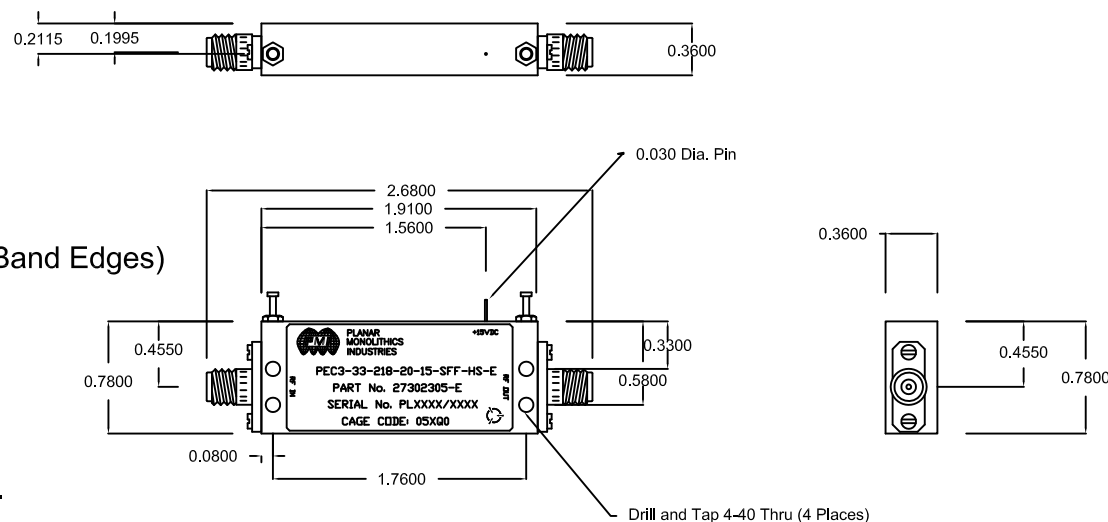
Model Number PEC3-33-218-20-15-SFF-HS is a 2 - 18 GHz low noise amplifier. This amplifier has a gain of 33 dB minimum with +/- 2 dB flatness. The unit is hermetically sealed.

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 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:	Gray Epoxy Paint
	Bottom Gold Plated (Unpainted)



Environmental Ratings:

Temperature:	-55°C to +85° 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 ±0.010
X.XXX ±0.005

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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