

DESCRIPTION:

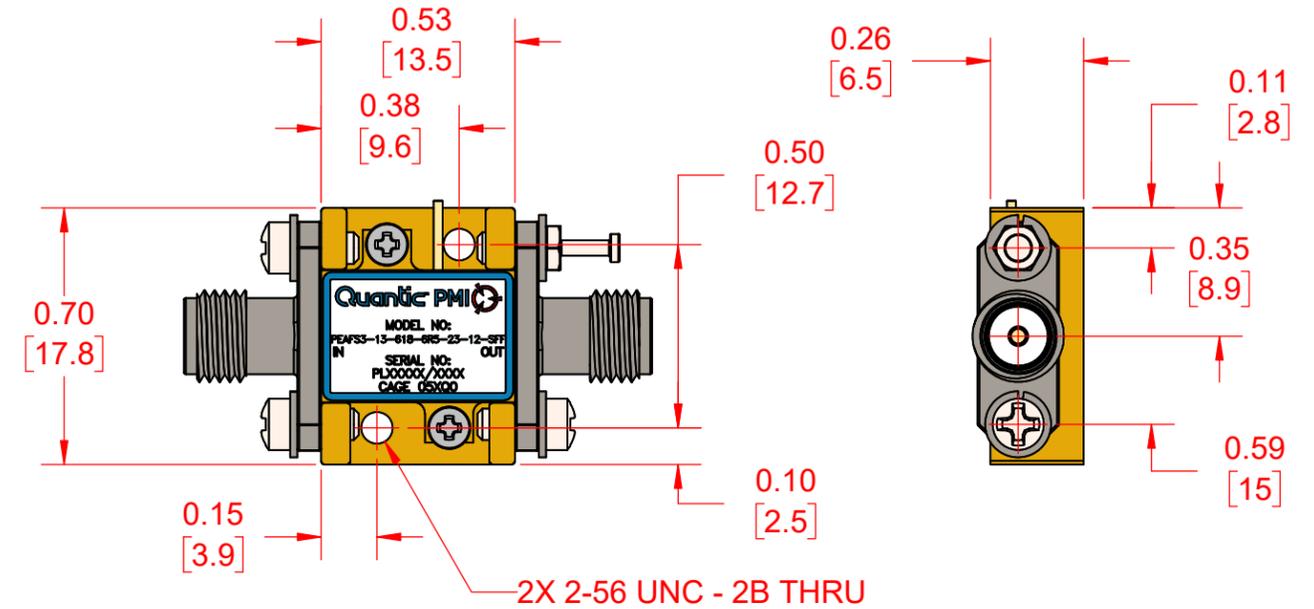
PMI MODEL NUMBER PEAFS3-13-618-6R5-23-12-SFF IS A 6 TO 18 GHz LOW NOISE AMPLIFIER. THIS AMPLIFIER IS SUPPLIED IN OUR STANDARD PEAFS3 HOUSING THAT CAN BE USED AS A SMA CONNECTORIZED OR A SURFACE MOUNT COMPONENT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	2/3/2025	

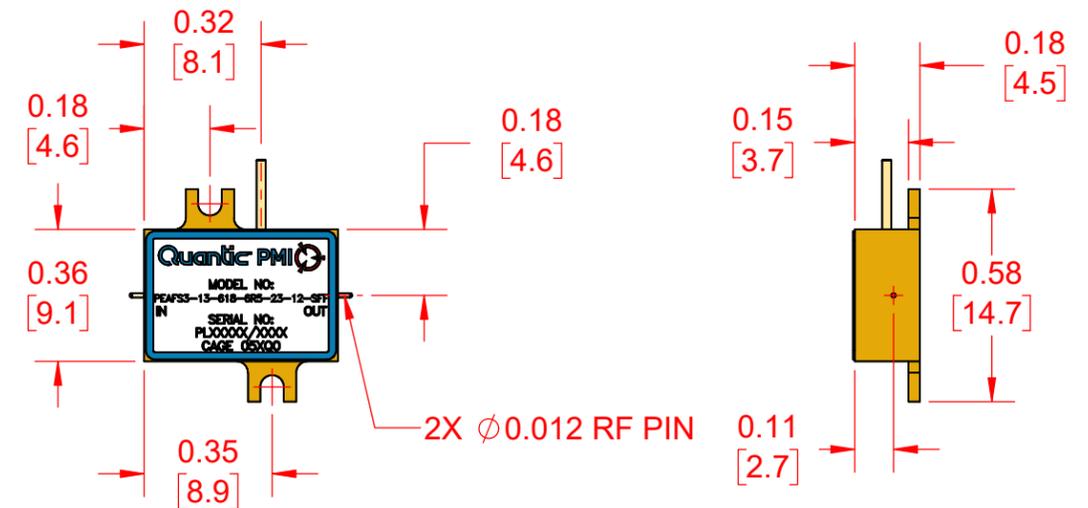
SPECIFICATIONS:

- FREQUENCY RANGE:..... 6 TO 18 GHz
- GAIN:..... 13 dB TYP
- GAIN FLATNESS:..... 1 dB MAX
- NOISE FIGURE:..... 4 dB TYP, 5 dB MAX
- OP1dB:..... 23 dBm MIN
- VSWR (INPUT/OUTPUT):..... 2.0:1 MAX
- DC VOLTAGE SUPPLY:..... +12 to +15 VDC
- DC CURRENT DRAW:..... 300 mA MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... GOLD PLATED

HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-40°C TO +100°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

APPROVALS DRAWN M.LAULIS REDRAWN ISSUED		DATE		TITLE OUTLINE PEAFS3-13-618-6R5-23-12-SFF	
		2/3/2025			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		SIZE	FSCM NO.	DWG NO.	REV.
		B	05XQ0	27050840	A1
		SCALE 2:1			SHEET 1 OF 1



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