

DESCRIPTION:

PMI MODEL NUMBER PLN-713-27-1-LCA IS A 7 TO 13 GHz AMPLIFIER. THIS AMPLIFIER IS SUPPLIED IN OUR STANDARD PE2 HOUSING THAT CAN BE USED AS A SMA CONNECTORIZED OR A SURFACE MOUNT COMPONENT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/18/2024	

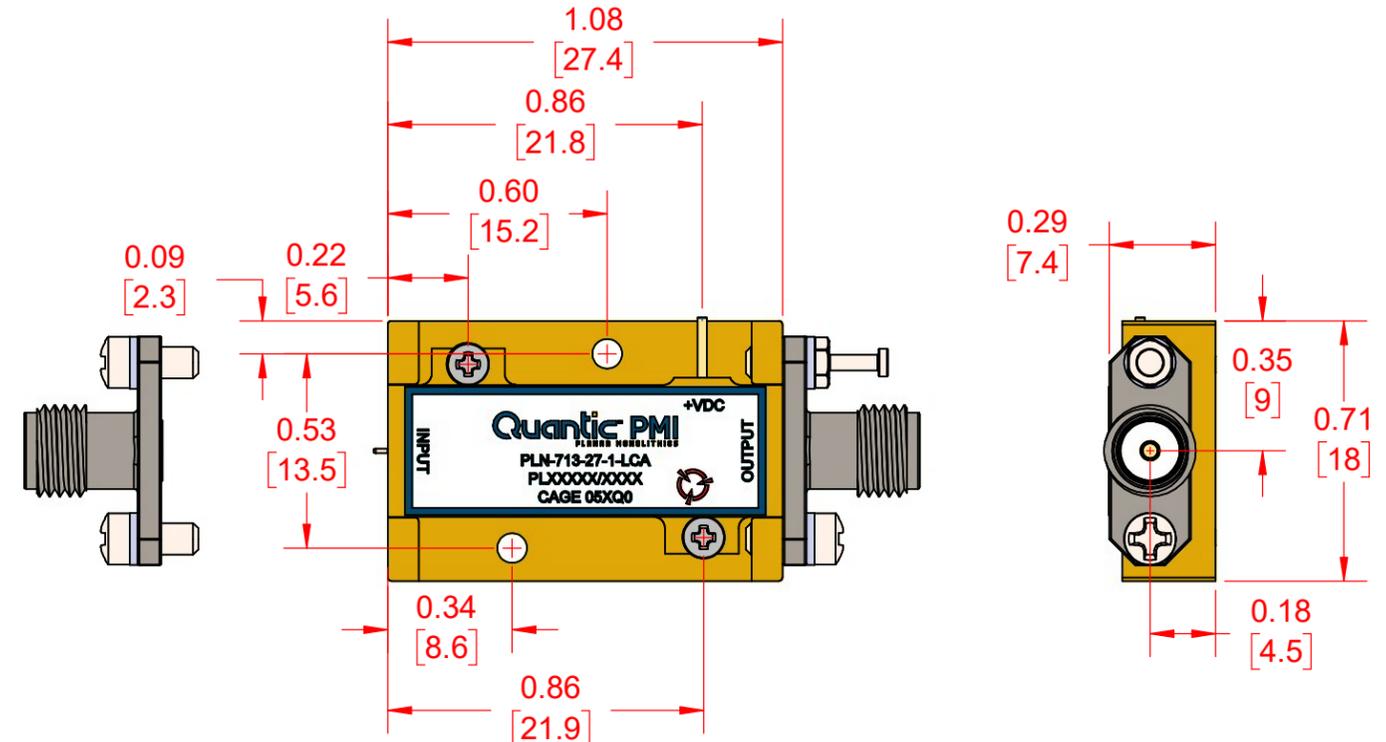
SPECIFICATIONS:

- FREQUENCY RANGE:..... 7 TO 13 GHz
- GAIN:..... 25 dB MIN
- GAIN FLATNESS:..... ±1 dB MAX
- NOISE FIGURE:..... 2 dB MAX
- OP1dB:..... 11 dBm MIN
- VSWR (INPUT/OUTPUT):..... 2:1 MAX
- DC VOLTAGE SUPPLY:..... +12 TO +15 VDC
- DC CURRENT DRAW:..... 60 mA MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... GOLD PLATED

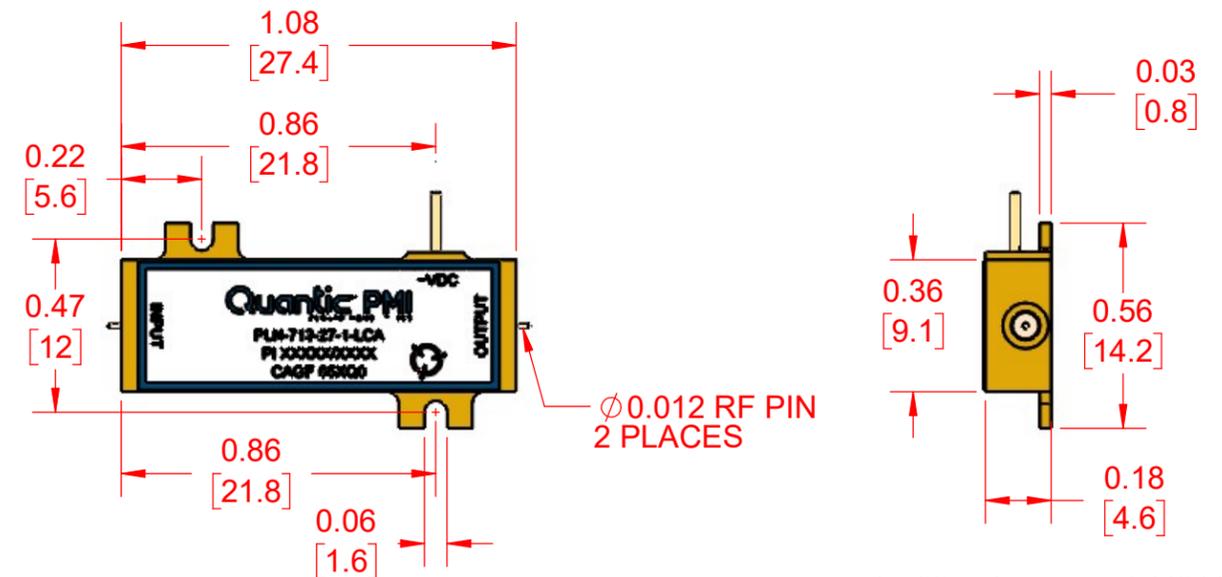
ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
..... -65°C TO +125°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

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS DRAWN R. SIRK REDRAWN ISSUED		DATE		TITLE OUTLINE PLN-713-27-1-LCA			
		12/18/2024					
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	27050640	A1		
		SCALE 2:1			SHEET 1 OF 1		

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