

DESCRIPTION:

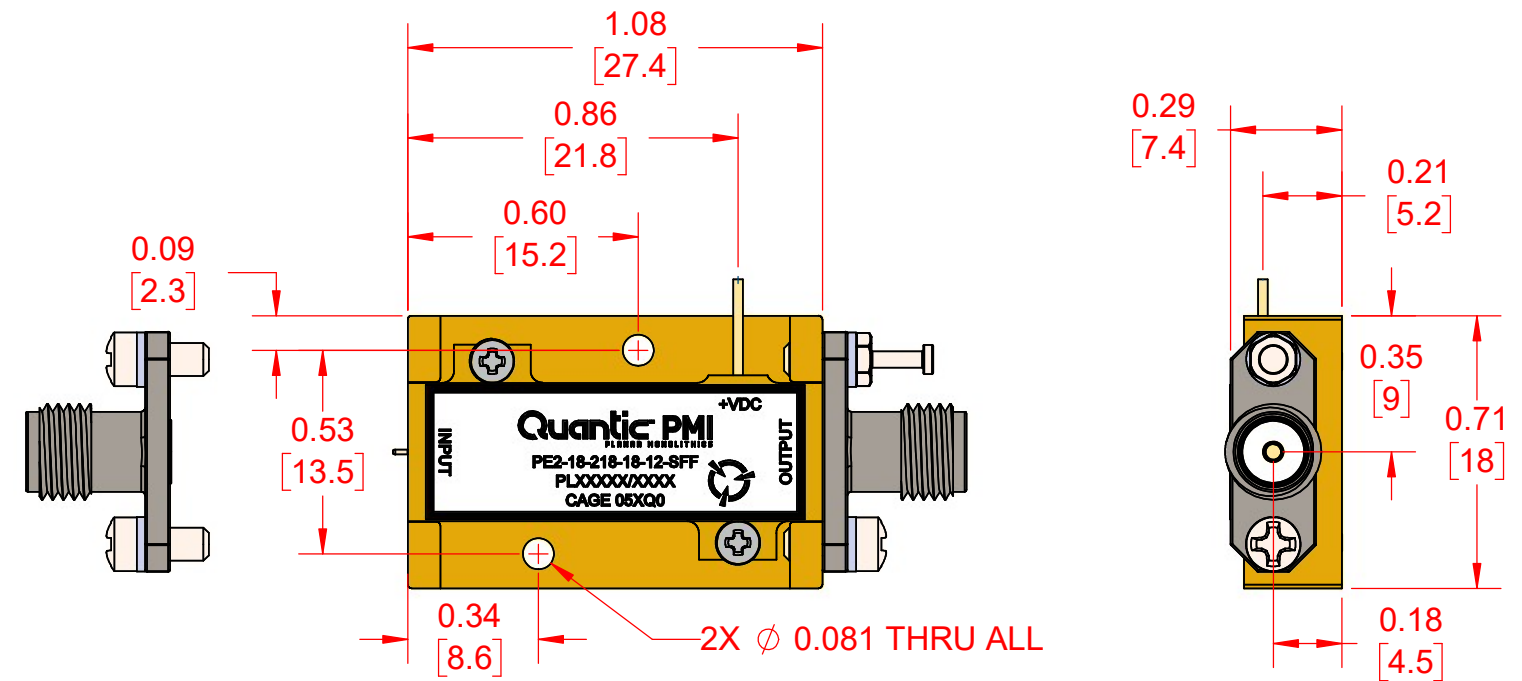
PMI MODEL NUMBER PE2-18-218-18-12-SFF IS A 2 TO 18 GHz LOW NOISE AMPLIFIER. THIS AMPLIFIER IS SUPPLIED IN OUR STANDARD PE2 HOUSING THAT CAN BE USED AS A SMA CONNECTORIZED OR SURFACE MOUNT COMPONENT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/1/24	

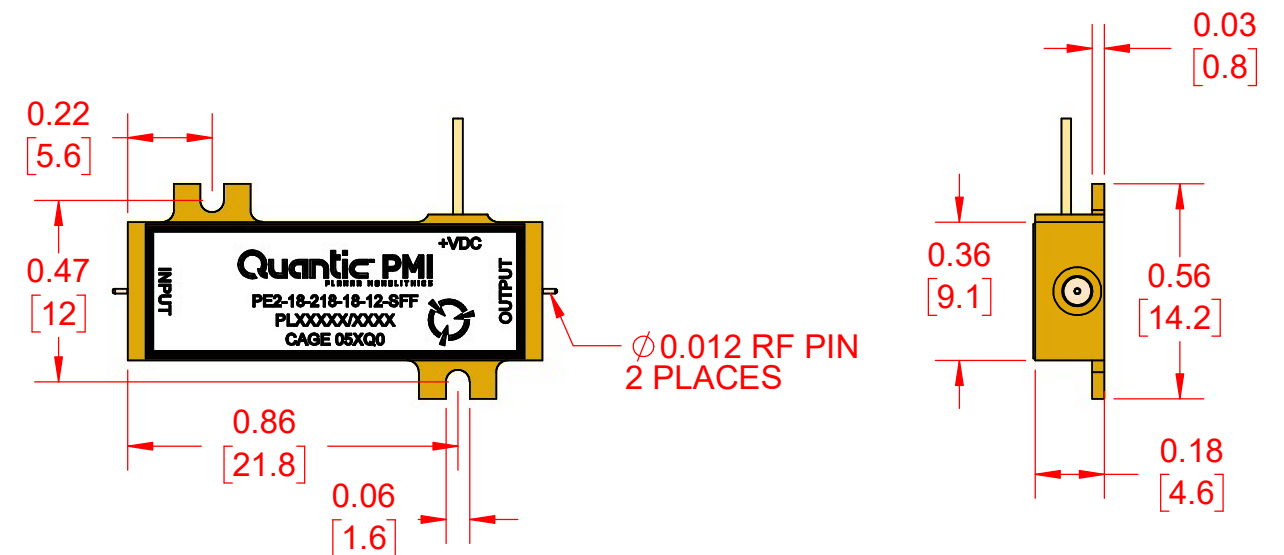
SPECIFICATIONS:

- FREQUENCY RANGE:.....2.0 TO 18.0 GHz
- GAIN:.....18 dB TYP
17 dB MIN
- GAIN FLATNESS:.....±1.25 dB MAX
- NOISE FIGURE:.....6 dB MAX
- OP1dB:.....+18 dBm MIN
- RF INPUT POWER:.....+23 dBm MAX
- INPUT VSWR:.....2.0:1 MAX
- OUTPUT VSWR:.....2.0:1 MAX
- DC VOLTAGE SUPPLY:.....+12 TO +15 VDC
- DC CURRENT DRAW:.....Iq = 250 mA MAX
Ipsat = 300 mA MAX
- CONNECTORS:.....SMA FEMALE
- FINISH:.....GOLD PLATED

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER



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

PMI CONFIDENTIAL AND PROPRIETARY

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		APPROVALS		DATE	 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED	
DRAWN R. SIRK		DATE		TITLE		
REISSUED		5/1/24		OUTLINE		
ISSUED				PE2-18-218-18-12-SFF		
SIZE	FSCM NO.	DWG NO.	REV.			
B	05XQ0	27048760	A1			
SCALE 2:1			SHEET 1 OF 1			