

Description

PMI MODEL NUMBER PE2-32-7G9G-4R0-21-SFF IS AN AMPLIFIER OPERATING IN THE RANGE OF 7 GHz TO 9 GHz WITH A NOMINAL GAIN OF +32dB. THIS PRODUCT IS PROVIDED IN OUR STANDARD PE2 HOUSING.

Specifications

- FREQUENCY RANGE: 7.0 TO 9.0 GHz
- GAIN: +32 dB NOM
- GAIN FLATNESS: ± 1.25 dB TYP.
- NOISE FIGURE: 4 dB MAX.
- OP1dB: +21 dBm MIN.
- VSWR (IN/OUT): 1.8:1 MAX.
- CONNECTORS (IN/OUT): SMA (F)
- SUPPLY VOLTAGE: +12 TO +15 VDC @ 300 mA TYP.

ENVIRONMENTAL RATINGS

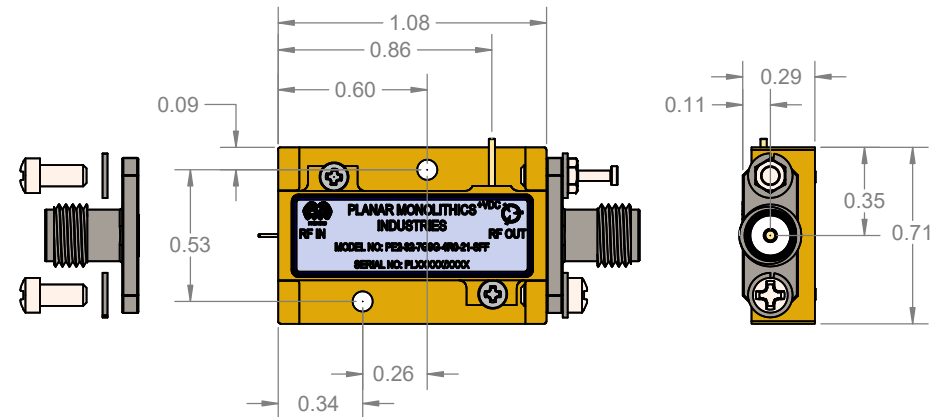
- TEMPERATURE: -40 °C TO +85 °C (OPERATING)
..... -40 °C TO +100 ° (NON-OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

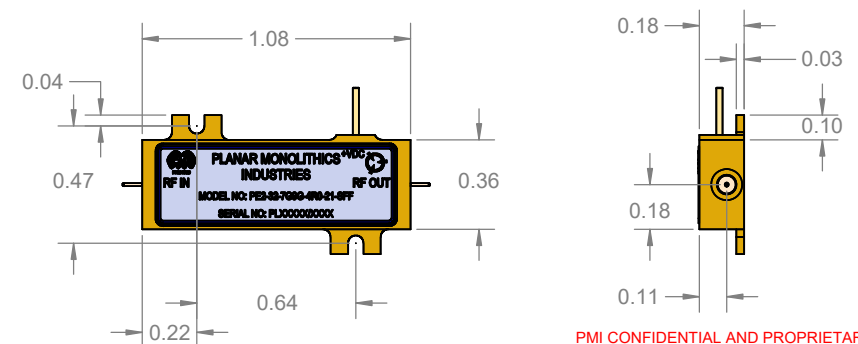
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/8/21	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

					PLANAR MONOLITHICS INDUSTRIES, INC.  7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL (301)462-5100 FAX (301)462-1731 WEB: www.pmi-inc.com EMAIL: sales@pmi-inc.com ISO 9001 CERTIFIED				
APPROVALS		DATE			TITLE				
DRAWN BY E. PLASKET		11/9/21			OUTLINE				
REDRAWN					PE2-32-7G9G-4R0-21-SFF				
ISSUED					SIZE	FSCM NO.	DWG NO.	REV.	
					B	05XQ0	27043105	A1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES X.XX ± 0.02 X.XX ± 0.01					SCALE 2:1		SHEET 1 OF 1		

PLANAR MONOLITHICS INDUSTRIES, INC.
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FREDERICK, MARYLAND 21704 USA
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