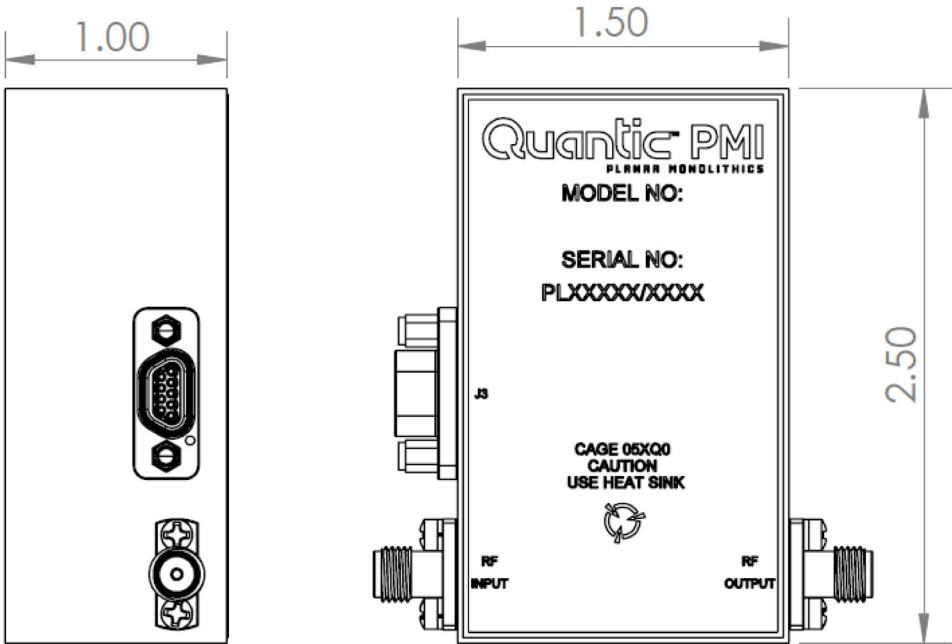


DESCRIPTION:

PMI MODEL NUMBER PA-3436-30-10W-24V-292FF IS A 34 TO 36 GHz POWER AMPLIFIER WITH 2.92 MM RF CONNECTORS IN AND OUT.

SPECIFICATIONS:

- FREQUENCY RANGE: 34 TO 36 GHz
- GAIN: 30 dB MIN
- PSAT: 40 dBm TYP
- INPUT POWER: 23 dBm MAX
- SUPPLY AND CURRENT: 24 VDC @ 1.5 A TYP
- ENABLE: "1" = +3V ON
"0" = 0V OFF
- OVERHEAT DETECTION: "1" = OVERHEAT WITH AUTO SHUTOFF
"0" = NORMAL OPERATION
- TEMPERATURE DIODE: EXPOSED ON MICRO-D
- RF CONNECTORS: 2.92 mm (F)
- FINISH: GOLD PLATED
- MICRO-D PIN LAYOUT: TBD



ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -40°C TO +70°C (OPERATING)
-55°C TO +125°C (STORAGE)
- **HUMIDITY:** MIL-STD-202, METHOD 103B COND. B
- **SHOCK:** MIL-STD-202, METHOD 213B COND. B
- **VIBRATION:** MIL-STD-202, METHOD 204D COND. B
- **ALTITUDE:** MIL-STD-202, METHOD 105C COND. B
- **TEMPERATURE CYCLE:** MIL-STD-202, METHOD 107D COND. A

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

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010
WEIGHT: 2.75 oz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/11/25	

PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN AG		11/11/25	PRODUCT FEATURE			
CHECKED			PA-3436-30-10W-24V-292FF			
ISSUED			SIZE A	FSCM NO. 05XQ0	DWG NO.	REV. -
			PRELIMINARY			
			SCALE N:S			SHEET 1 OF 1