

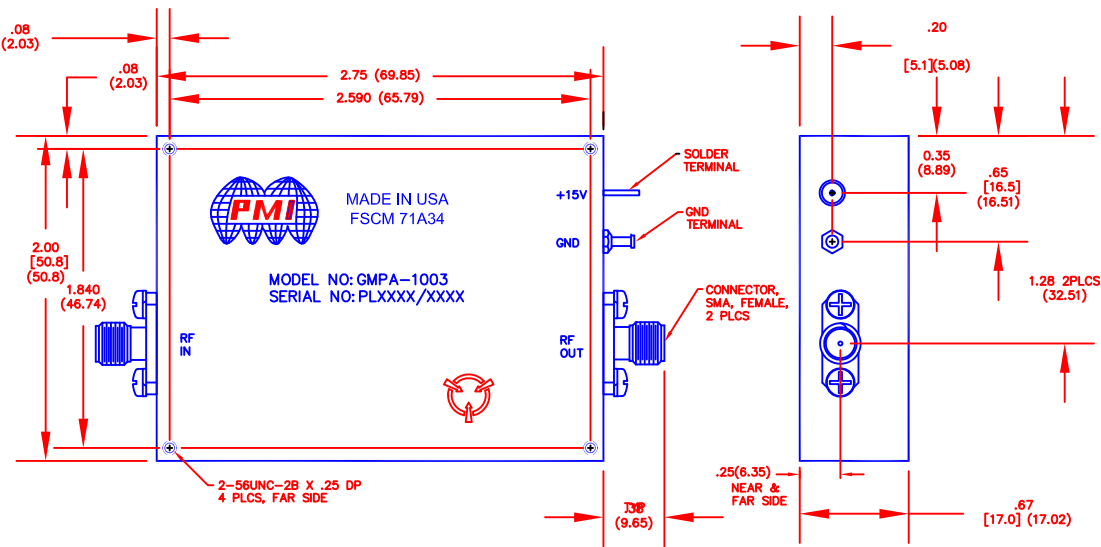
DESCRIPTION

PMI MODEL GMPA-1003 IS A MICROWAVE POWER AMPLIFIER OPERATING OVER THE 2.0 TO 4.0 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		PRELIMINARY		

SPECIFICATIONS

- FREQUENCY RANGE — 2.0 GHz TO 4.0 GHz
- SMALL SIGNAL GAIN — 30dB MINIMUM
- GAIN FLATNESS — +/- 2.5dB
- 1dB COMPRESSION — 29dBm MINIMUM
- VSWR — 2.5:1 AT INPUT & OUTPUT
- DC POWER — +15 Vdc @900 mA MAX
- WEIGHT — 135 GRAMS MAX
- FINISH — NICKEL PLATE



ENVIRONMENTAL RATINGS:

- TEMPERATURE: — -54°C TO +85°C (OPERATING)
-57°C TO +85°C (STORAGE)
- ALTITUDE: — 0 TO +30,000 FT
- HUMIDITY: — PER MIL-E-5400T 3.2.24.4 100%
- SHOCK: — PER MIL-E-5400T 3.2.24.6.1 15G, 11 +/-1MSEC 6 DIRECTIONS
- VIBRATION: — PER MIL-E-5400T 3.2.24.5 FIG. 2, SHEET 1 OF 3 CURVE III

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS		DATE		TITLE	
DRAWN		JM		PRODUCT FEATURE	
CHECKED				GMPA-1003	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		71A34		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 1	

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005