

DESCRIPTION

PMI MODEL AMP-2G18G-37-33 IS A 4 WATT POWER AMPLIFIER OPERATING OVER THE BAND OF 2.0 TO 18.0 GHZ, WITH PERFORMANCE OPTIMIZED OVER THE BAND OF 5.1 TO 5.8 GHZ. THIS UNIT FEATURES A GAIN OF 37 dB AND A P-1dB OF 33 dBm.

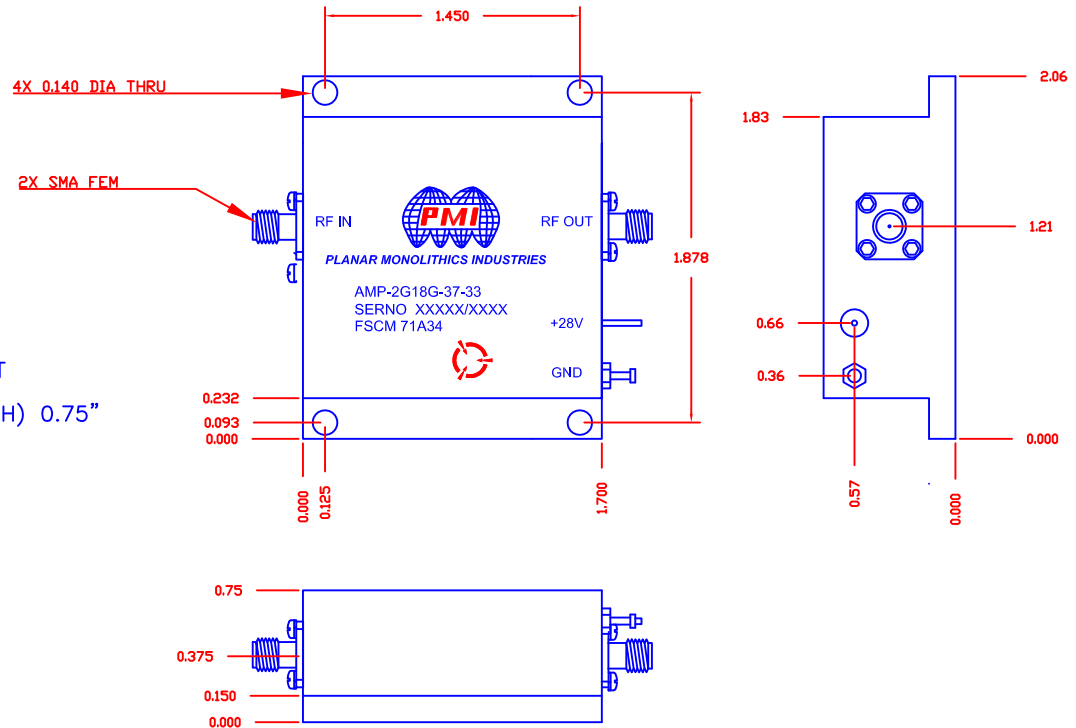
SPECIFICATIONS

- FREQUENCY RANGE (OPERATIONAL): — 2.0 TO 18.0 GHZ
- FREQUENCY RANGE (FULL PERFORMANCE): 5.1 TO 5.8 GHZ
- GAIN: — 37 dB NOMINAL
- VSWR (IN/OUT): — 2.0:1 MAX
- OP1dB: — +33 dBm MIN.
- MAXIMUM INPUT: — +18 dBm
- SUPPLY VOLTAGE: — + 28 V @700 mA QUIESENT
- SIZE: — (L) 1.70" X (W) 2.063" X (H) 0.75"
- FINISH: — GOLD PLATED
- RF CONNECTORS: — SMA F

ENVIRONMENTAL RATINGS

- TEMPERATURE: — -20 °C TO + 70 °C (OPERATING)
-55 °C TO +85 °C (STORAGE)
- HUMIDITY: — 95% CONDENSING
- SHOCK: — 10 G, 11 MS, 3 AXIS
- VIBRATION: — 4.34 G RMS

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



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE	TITLE			
DRAWN <i>JM</i>		12-2-15	PRODUCT FEATURE AMP-2G18G-37-33			
CHECKED <i>pk</i>		12-8-15	SIZE	FSCM NO.	OWG NO.	REV.
ISSUED			A	71A34	PRELIMINARY	—
SCALE N:S			SHEET 1 OF 1			