

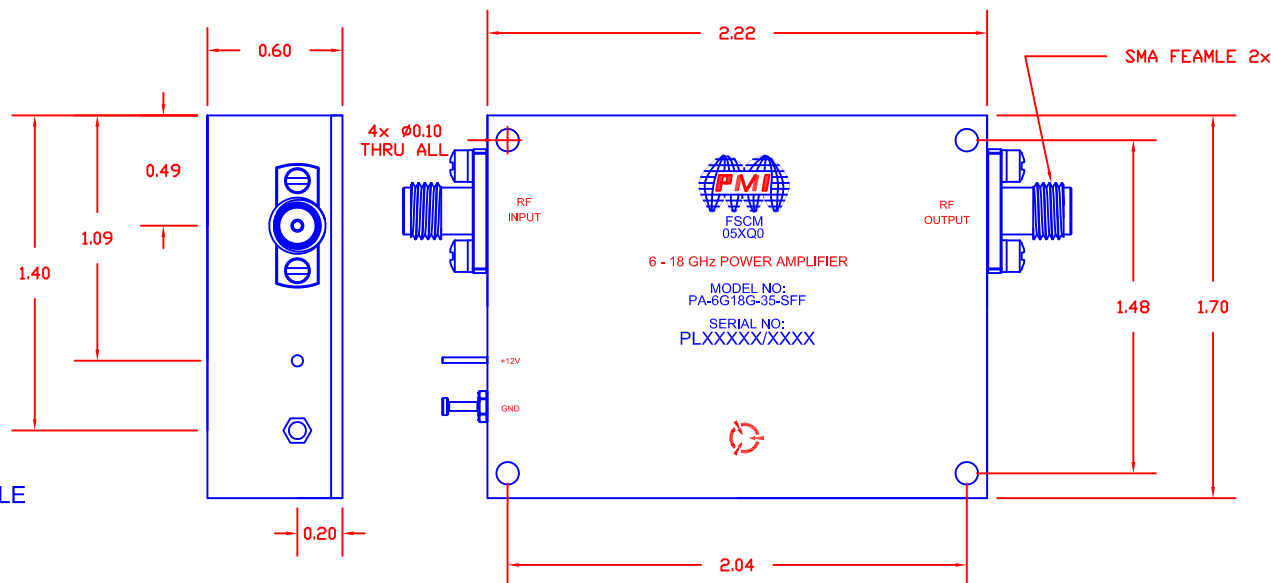
Description:

PMI Model PA-6G18G-35-SFF is a Power Amplifier with operating frequency of 6 to 18 GHz and 35 dB Gain.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/27/23	

SPECIFICATIONS

- FREQUENCY RANGE: ----- 6 TO 18 GHz
- GAIN: ----- 35 dB MIN
- GAIN FLATNESS: ----- +/-3.5 dB MAX
- OUTPUT POWER AT 1 dB
• COPRESSION POINT: ----- +33 dBm MIN
- OUTPUT 3rd ORDER
• INTERCEPT POINT: ----- +40 dBm TYP
- IMPEDANCE (INPUT): ----- 50 OHMs TYP
- IMPEDANCE (OUTPUT): ----- 50 OHMs TYP
- INPUT VSWR: ----- 2.1 MAX
- OUTPUT VSWR: ----- 2.1 MAX
- OPERATING DC
• VOLTAGE: ----- 12 VOLTS
- OPERATING DC
• CURRENT: ----- 2.5 AMPS
- CONNECTORS: ----- SMA FEMALE REMOVABLE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -0 °C TO +50 °C (OPERATING)
----- -40 °C TO +100 °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

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APPROVALS		DATE	TITLE		
DRAWN <i>AF</i>		11/27/23	PRODUCT FEATURE PA-6G18G-35-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S	SHEET 1 OF 1	REV. -