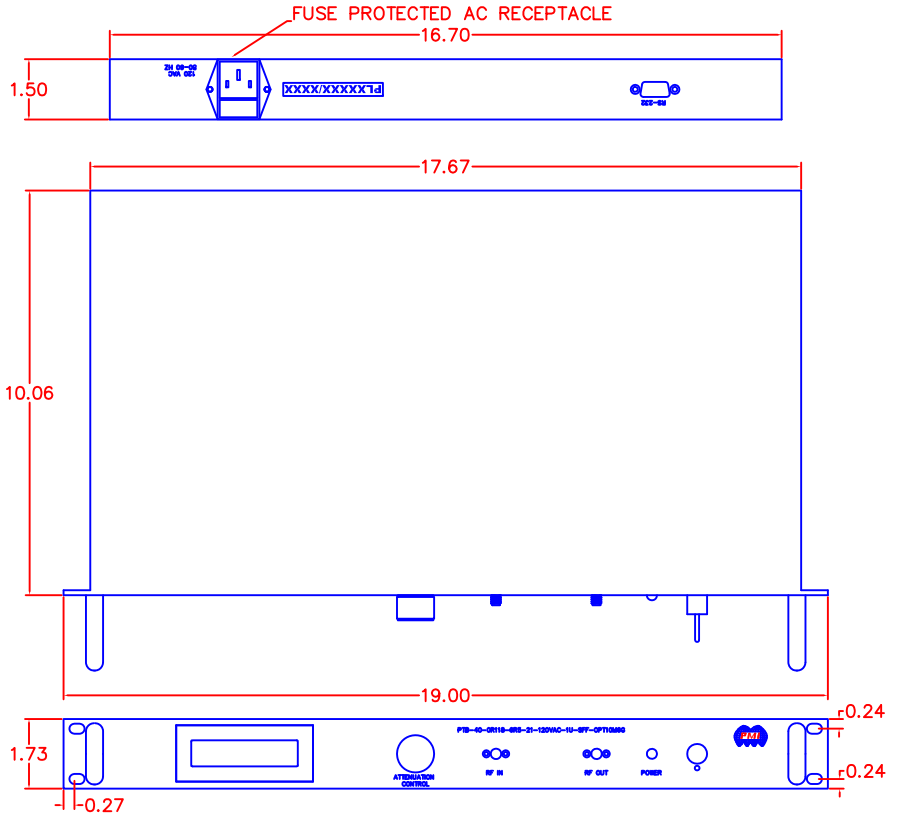
DESCRIPTION

THE MODEL PTB-40-0R118-6R5-21-120VAC-1U-SFF-OPT10M6G IS A LOW NOISE AMPLIFIER IN A RACK MOUNT CHASSIS. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/22/19	

SPECIFICATIONS

- FREQUENCY RANGE: ..... 0.01 TO 6.0 GHZ
- GAIN: ..... 40 dB MIN
- GAIN FLATNESS: ..... ±1.5 dB MAX (0.1 TO 6.0 GHz)
  ±3.5 dB MAX (0.01 TO 0.1 GHz)
- NOISE FIGURE: ..... 6.5 dB TYP (0.1 TO 6.0 GHz)
  10.0 dB TYP (0.01 TO 0.1 GHz)
- OP1dB: ..... +20 dBm MIN
- ATTENUATION RANGE ..... 50 dB MIN, 60 dB TYP
  (1 dB STEPS)
- AC POWER: ..... 120 VAC, 60 HZ
  6 FOOT POWER CORD SUPPLIED
  FUSE PROTECTION INCLUDED
  ON/OFF SWITCH
  LED POWER INDICATOR
- RS-232 CONTROL: ..... 0dB TO 60 dB, BAUD RATE 9600
  # OF BITS:8, STOP BITS:1
  NO PARITY, NO FLOW CONTROL
- CHASSIS: ..... 1U HEIGHT, 10" DEPTH
  TO FIT IN 19" RACK
- CONNECTORS: ..... SMA (F)



ENVIRONMENTAL RATINGS

- TEMPERATURE: ..... -55°C TO +85°C (OPERATING)
  -55°C TO +85°C (STORAGE)
- 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

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

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS	DATE
DRAWN NJA	8/22/19
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
PTB-40-0R118-6R5-21-120VAC-1U-SFF-OPT10M6G

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27037040	A1

SCALE N:S SHEET 1 OF 1