

DESCRIPTION

PMI MODEL NUMBER PVVAN-4080-60-MP IS AN ANALOG CONTROLLED 60dB PIN DIODE ATTENUATOR OPERATING OVER THE FREQUENCY RANGE OF 4.0 TO 8.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 4.0 GHz TO 8.0 GHz
- MEAN ATTENUATION RANGE: 60dB
- INSERTION LOSS: 2.5dB MAX
- VSWR: 2.0:1 MAX
- POWER RATING: +20dBm (OPERATING)
+30dBm (SURVIVAL)
- ATTENUATION FLATNESS:
 - @ 10dB: ±0.50dB
 - @ 20dB: ±0.87dB
 - @ 40dB: ±1.50dB
 - @ 60dB: ±1.60dB
- SWITCHING TIME: 500ns MAX
- CONTROL: 10dB/VOLT ANALOG CONTROLLED
- POWER SUPPLY: +12V TO +15V @ 125mA MAX
-12V TO -15V @ 50mA MAX
- POWER/CONTROL CONNECTOR: 15 PIN MICRO-D FEMALE (MATING CONNECTOR SUPPLIED)
- RF CONNECTORS: SMA (F) REMOVABLE
- SIZE: (L) 2.00" X (W) 1.80" X (H) 0.50"
- FINISH: GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

ENVIRONMENTAL RATINGS

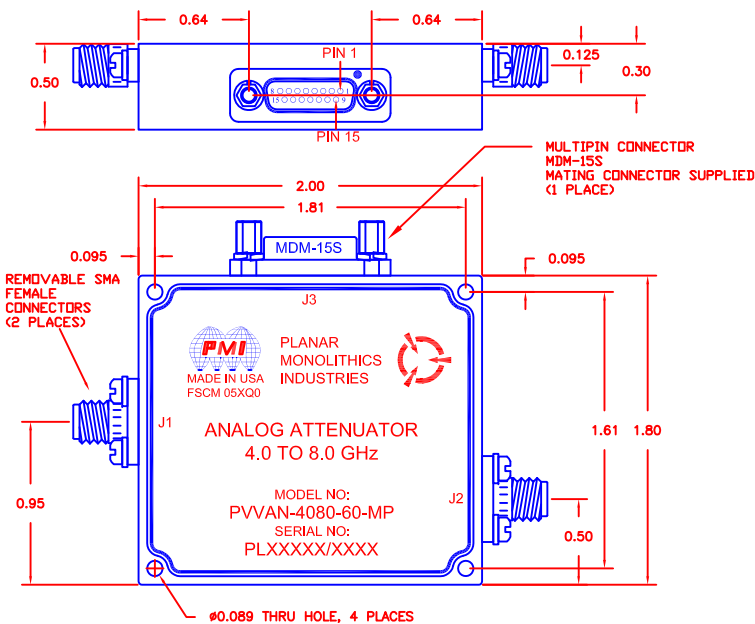
- TEMPERATURE: -55°C TO + 85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

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

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A1	ORIGINAL RELEASE	08/25/14

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE PRODUCT FEATURE PWWAN-4080-60-MP			
DRAWN <i>sk</i>	08/25/14					
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27022582	REV A1
ISSUED			SCALE N:S		SHEET 1 OF 1	