

DESCRIPTION

PMI MODEL NUMBER PVAN-2040-60-MP-OPT1950-4250 IS AN ANALOG CONTROLLED 60dB PIN DIODE ATTENUATOR OPERATING OVER THE FREQUENCY RANGE OF 2.0 TO 4.0 GHz (TESTED FROM 1950 TO 4250 MHz).

SPECIFICATIONS

- FREQUENCY RANGE: _____ 2.0 GHz TO 4.0 GHz
Tested from 1950 to 4250 MHz*
- MEAN ATTENUATION RANGE: _____ 60dB
- INSERTION LOSS: _____ 2.0dB MAX
- VSWR: _____ 2.0:1 MAX
- POWER RATING: _____ +20dBm (OPERATING)
_____ +30dBm (SURVIVAL)
- ATTENUATION FLATNESS:
 - ⊙ 10dB: _____ ±0.45dB
 - ⊙ 20dB: _____ ±0.80dB
 - ⊙ 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: _____ PAINTED BLUE

*SPECIFICATIONS WILL VARY OVER 1950 TO 2000 MHZ AND OVER 4000 TO 4250 MHZ

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

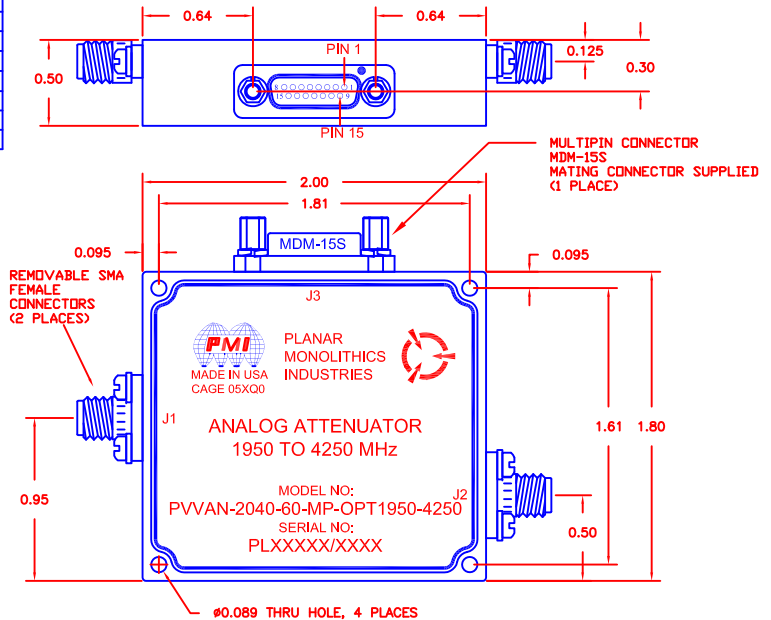
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	08/28/14	

MECHANICAL OUTLINE

PIN NO:	J3 PIN FUNCTIONS
1	N/C
2	N/C
3	ANALOG INPUT
4	GND
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C
13	+12 or +15 VDC
14	-12 or -15 VDC
15	N/C



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>EMF</i>		07/06/16	PRODUCT FEATURE PVVAN-2040-60-MP-OPT1950-4250			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S	SHEET 1 OF 1		