

DESCRIPTION

PMI MODEL NUMBER PVVAN-6012-60-MP IS AN ANALOG CONTROLLED 60dB PIN DIODE ATTENUATOR OPERATING OVER THE FREQUENCY RANGE OF 6.0 TO 12.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 6.0 GHz TO 12.0 GHz
- MEAN ATTENUATION RANGE: 60dB
- INSERTION LOSS: 2.8dB MAX
- VSWR: 2.0:1 MAX
- POWER RATING: +20dBm (OPERATING)
+30dBm (SURVIVAL)
- ATTENUATION FLATNESS:
 - @ 10dB: ± 0.7 dB
 - @ 20dB: ± 1.0 dB
 - @ 40dB: ± 1.5 dB
 - @ 60dB: ± 1.6 dB
- 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

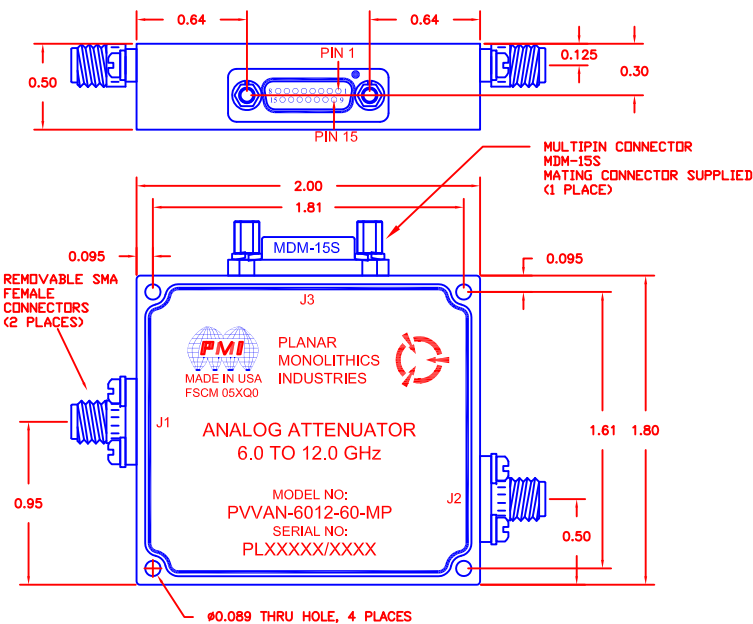
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	ORIGINAL RELEASE	07/10/14

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN	<i>afk</i>		07/10/14	PRODUCT FEATURE PVVAN-6012-60-MP			
CHECKED				SIZE	FSCM NO.	DWG NO.	REV.
ISSUED				A	05XQ0	27022602	1
				SCALE	N:S	SHEET	1 OF 1