

DESCRIPTION:

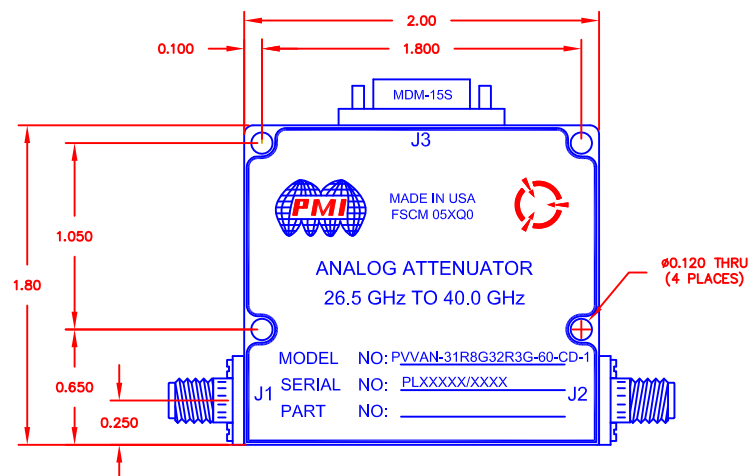
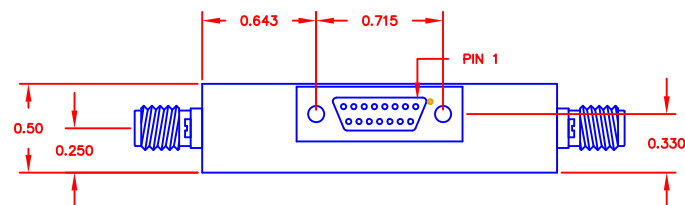
PMI MODEL NUMBER PVVAN-31R8G32R3G-60-CD-1 IS AN ANALOG CONTROLLED, 60 dB PIN DIODE ATTENUATOR OPERATING OVER THE FREQUENCY RANGE OF 31.8 TO 32.3 GHz.

SPECIFICATIONS:

- FREQUENCY: 31.8 TO 32.3 GHz
- INSERTION LOSS: 10.0 dB TYP
- ATTENUATION RANGE: 60 dB MIN
- ACCURACY OF ATTENUATION: ± 2.0 dB TYP
- VSWR: 2.5:1 TYP
- INPUT POWER: +24 dBm CW MAX
- INPUT 1dB COMPRESSION POINT: +10dBm TYP
- ANALOG CONTROL 0 to 10VDC (Non-Linear)
- DC SUPPLY ± 12 VDC or ± 15 VDC
- SIZE 2.00" (L) X 1.80" (W) X 0.50" (H)
- PWR/CTL CONNECTORS 15 PIN Micro-D-Female (MATING CONNECTOR SUPPLIED)
- RF CONNECTORS 2.92 mm - Female
- FINISH PAINTED BLUE

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 +15VDC
14	-12 or -15VDC
15	N/C

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY	3/15/17



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°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
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		EMF		3/15/17			
CHECKED							
ISSUED							
SIZE		FSCM NO.		DWG NO.		REV.	
A		05XQ0		PRELIMINARY		—	
SCALE		N:S		SHEET		1 OF 1	