

DESCRIPTION:

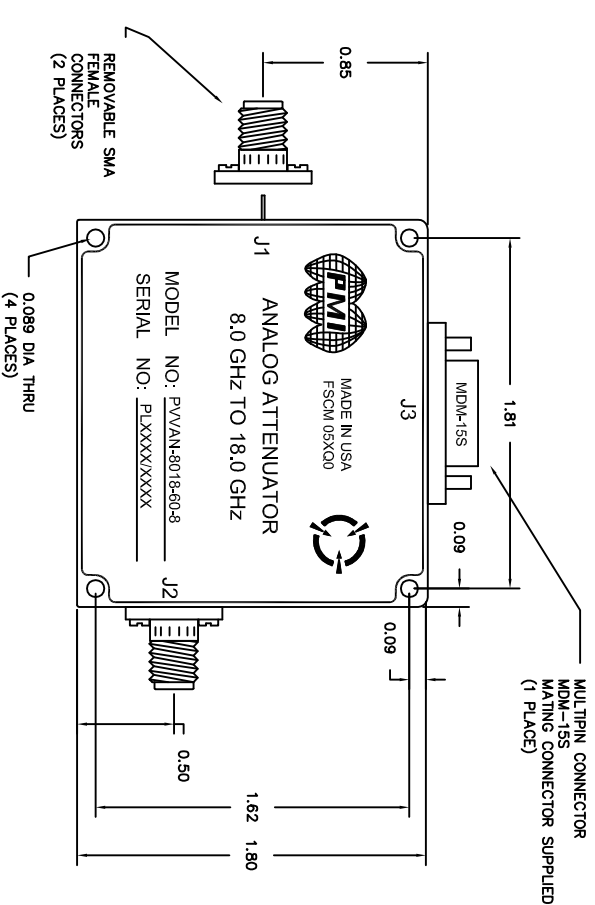
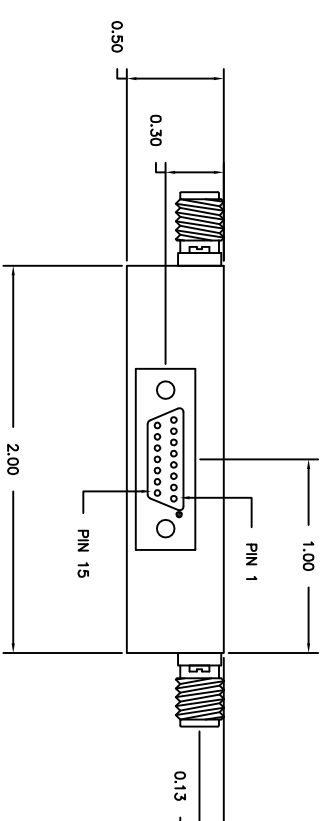
PMI MODEL NUMBER PVVAN-8018-60-MP IS AN ANALOG CONTROLLED 60 DB PIN DIODE ATTENUATOR OPERATING OVER THE FREQUENCY RANGE OF 8.0 GHZ TO 18.0 GHZ.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	11/3/11	

SPECIFICATIONS:

- FREQUENCY: 8.0 GHZ TO 18.0 GHZ
- MEAN ATTENUATION RANGE: 60dB
- INSERTION LOSS: 3.7 DB MAX
- VSWR: 2.0:1 MAX
- POWER RATING: +20dBm (Operating)
+30dBm (Survival)
- ATTENUATION FLATNESS:
 - @ 10 dB: ±0.8 dB
 - @ 20dB: ±1.1 dB
 - @ 40dB: ±1.5 dB
 - @ 60dB: ±1.6 dB
- SWITCHING TIME: 500 nsec MAX
- CONTROL: 10dB/Volt Analog Controlled
- POWER SUPPLY: +12V to +15V @ 125mA MAX
-12V to -15V @ 50mA MAX
- PWR/CTL CONNECTORS: 15 PIN Micro-D-Female (MATING CONNECTOR SUPPLIED)
- RF CONNECTORS: SMA - Female
- FINISH: PAINTED GRAY
- SIZE: (L) 2.00" X (W) 1.80" X(H) 0.50"

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



CONFIDENTIAL AND PROPRIETARY

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 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
 FREDERICK, MARYLAND 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 WEBSITE: www.pmi-ri.com
 E-MAIL: sales@pmi-ri.com
 ISO 9001:2008 CERTIFIED



APPROVALS		DATE	TITLE	
DRAWN		11/9/11	PRODUCT FEATURE	
CHECKED			PVVAN-8018-60-MP	
ISSUED			SCALE N:S	
SIZE	FSCM NO.	DWG NO.	REV.	
A	05XQ0	270XXXX	-	
SHEET			1	OF 1

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.010
 X.XXX ±0.005