

DESCRIPTION:

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

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

SPECIFICATIONS:

- **FREQUENCY:** 4.0 GHz TO 8.0 GHz
- **MEAN ATTENUATION RANGE** 60dB
- **INSERTION LOSS** 2.5 dB MAX
- **VSWR:** 2.0:1 MAX
- **POWER RATING:** +20dBm (Operating)
+30dBm (Survival)

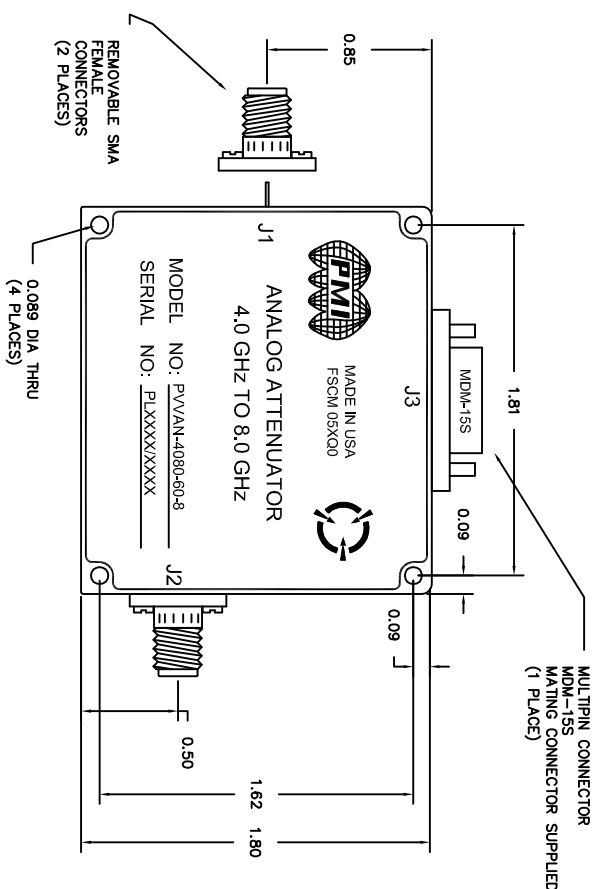
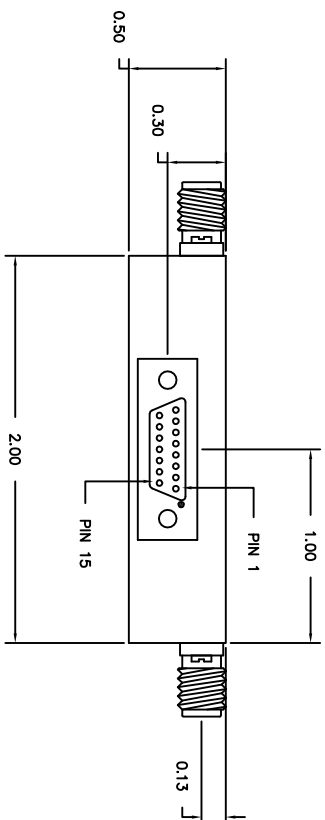
- ATTENUATION FLATNESS:

- | | | | |
|-----------|-----------|---|----------|
| • @ 10 dB | • • • • • | • | ±0.5 dB |
| • @ 20dB | • • • • • | • | ±0.87 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

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