

DESCRIPTION:

PMI MODEL NUMBER PDVAN-1020-60-8 IS AN 8 BIT PROGRAMMABLE 60 DB PIN DIODE ATTENUATOR WITH STEP RESOLUTION AS LOW AS 0.25 DB OVER THE FREQUENCY RANGE OF 1.0 GHz TO 2.0 GHz.

SPECIFICATIONS:

- **FREQUENCY:** 1.0 GHz TO 2.0 GHz
- **MEAN ATTENUATION RANGE** 60dB
- **INSERTION LOSS** 2.0 dB MAX
- **VSWR:** 2.0:1 MAX
- **POWER RATING:** +20dBm (Operating)
+30dBm (Survival)

- ATTENUATION FLATNESS:

- @ 10 dB : ± 0.45 dB
- @ 20dB : ± 0.8 dB
- @ 40dB : ± 1.5 dB
- @ 60dB : ± 1.6 dB

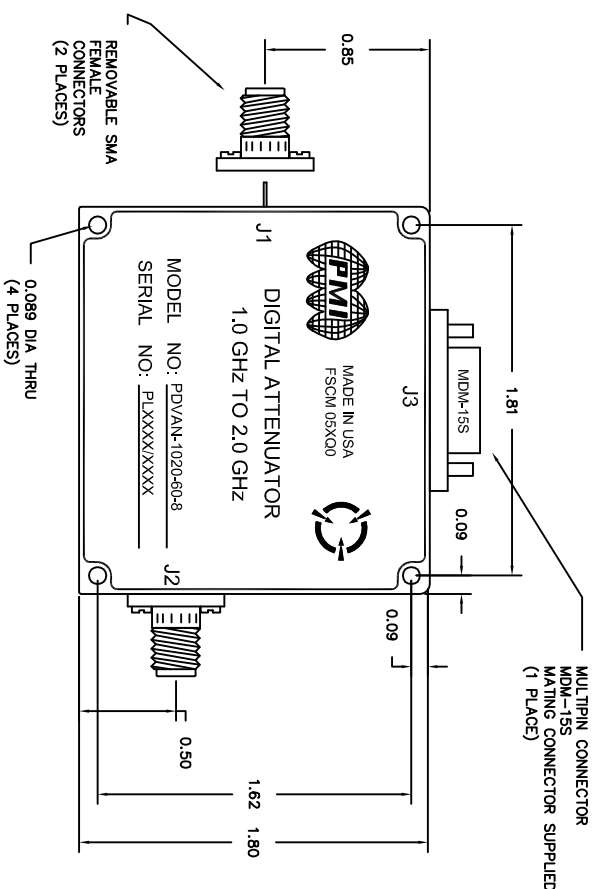
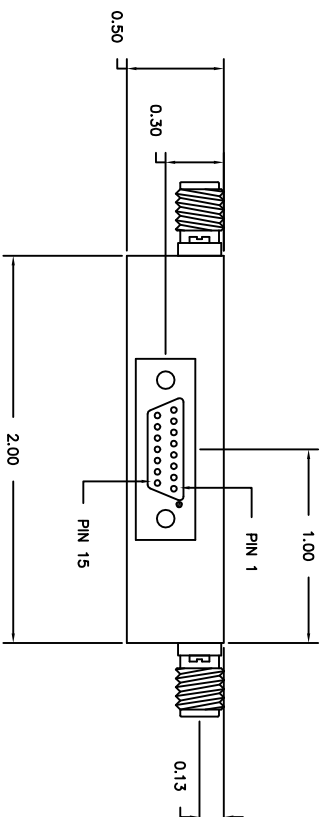
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|----------------------|---|
| ● SWITCHING TIME | 500 nsec MAX |
| ● DIGITAL CONTROL | 8 BIT Positive True, Binary TTL |
| ● MONOTONICITY: | GUARANTEED |
| ● POWER SUPPLY | +12V to +15V @ 150mA MAX
-12V to -15V @ 75mA MAX |
| ● PWR/CTL CONNECTORS | 15 PIN Micro-D-Female (MATING) |
| ● RF CONNECTORS | SMA - Female |
| ● FINISH | PAINTED GRAY |
| ● SIZE | (L) 2.00" X (W) 1.80" X(H) 0.50" |

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

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



CONFIDENTIAL AND PROPRIETARY

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TITLE		PRODUCT FEATURE			
APPROVALS	DATE	PDVAN-1020-60-8			
DRAWN	11/3/11				
CHECKED					
ISSUED					
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	270XXXXX	-		
SCALE	N:S	SHEET		1 OF 1	