

DESCRIPTION

PMI MODEL NUMBER PDVAN-5010-60-8 IS AN 8 BIT PROGRAMMABLE 60 DB PIN DIODE ATTENUATOR WITH STEP RESOLUTION AS LOW AS 0.25 DB OVER THE FREQUENCY RANGE OF 5.0 GHz TO 10.0 GHz.

SPECIFICATIONS

- FREQUENCY: 5.0 GHz TO 10.0 GHz
- MEAN ATTENUATION RANGE: 60dB
- INSERTION LOSS: 2.7 dB MAX
- VSWR: 2.0:1 MAX
- POWER RATING: +20dBm (Operating)
+30dBm (Survival)

- ATTENUATION FLATNESS:
 - @ 10 dB ± 0.60 dB
 - @ 20dB ± 0.90 dB
 - @ 40dB ± 1.5 dB
 - @ 60dB ± 1.6 dB

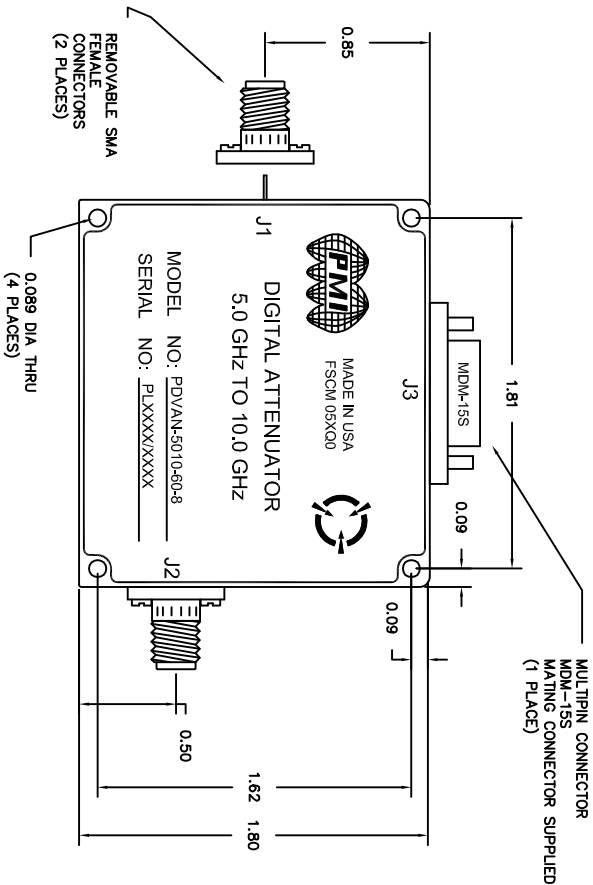
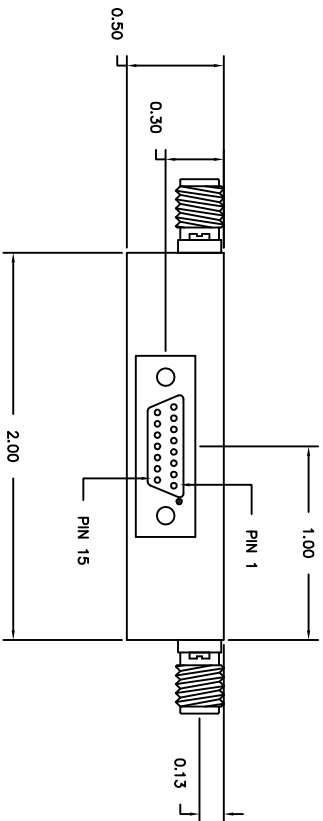
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|-----------------------------|---|
| ● SWITCHING TIME | 500 nsec MAX |
| ● DIGITAL CONTROL | 8 BIT Positive True, Binary TTL |
| ● MONOTONICITY: | GUARANTEED |
| ● POWER SUPPLY | +12V to +15V @ 150mA MAX
-12V to -15V @ 75mA MAX |
| ● PWR/CTL CONNECTORS | 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-5010-60-8			
DRAWN	11/3/11				
CHECKED		SIZE	FSCM NO.	DWG. NO.	REV.
ISSUED		A	05XQ0	270XXXXX	-
SCALE N:S				SHEET	1 OF 1