

DESCRIPTION

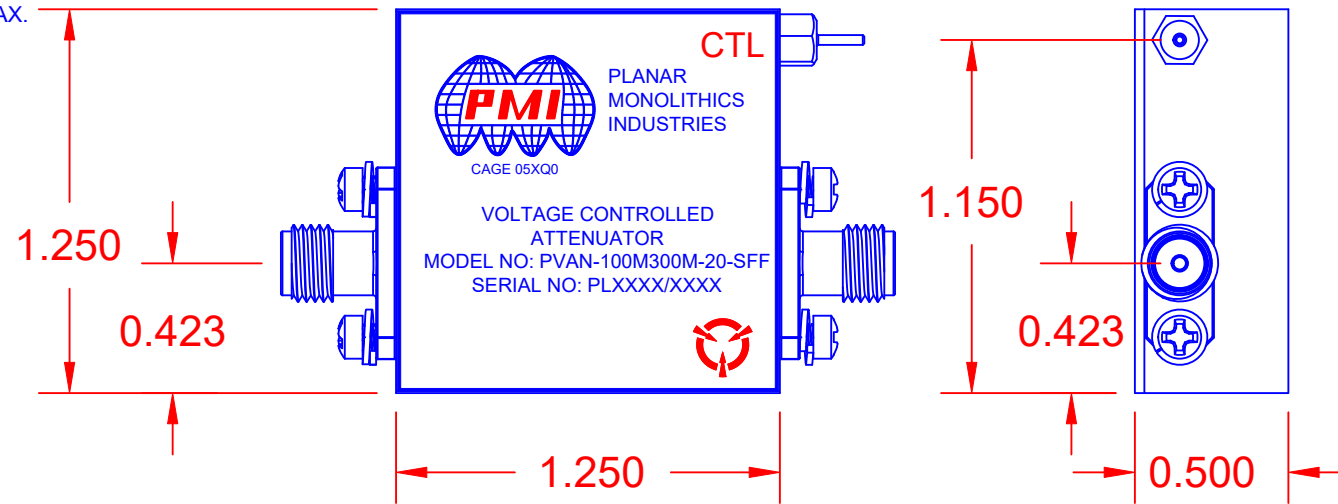
PMI MODEL: PVAN-100M300M-20-SFF IS A VOLTAGE CONTROLLED ATTENUATOR THAT OPERATES OVER THE 100 MHZ TO 300 MHZ FREQUENCY SUPPLYING 20 DB OF ATTENUATION TYPICALLY WITH 0 TO -5V CONTROL. IT HAS LESS THAN 1.5 DB OF INSERTION LOSS AND A VSWR OF LESS THAN 1.5:1 IN THE 0V STATE.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 100 MHZ TO 300 MHZ
- INSERTION LOSS: ----- 1.5 dB MAX.
- VSWR AT 0 VOLT STATE: ----- 1.5:1 MAX.
- ATTENUATION: ----- 20 dB TYP.
16 dB MIN.
- POWER SUPPLY: ----- 0V TO -5V @ 40mA MAX.
- CONNECTORS: ----- SMA
- FINISH: ----- ALUMINUM

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	03/04/20	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN GJR		03/05/20	PRODUCT FEATURE PVAN-100M300M-20-SFF		
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. 27038160
ISSUED			SCALE N:S		REV. A1
					SHEET 1 OF 1

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION