

DESCRIPTION

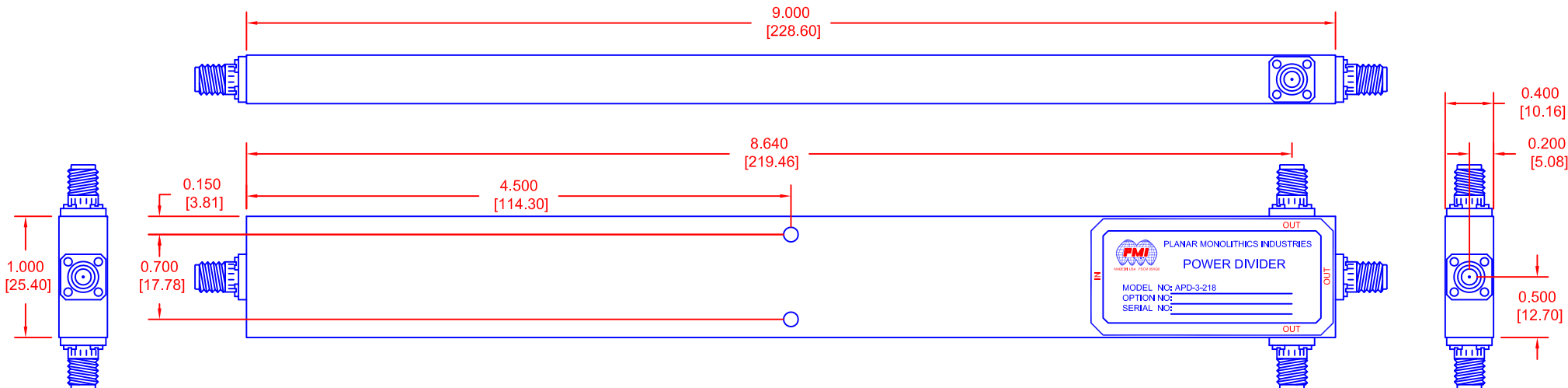
PMI MODEL: APD-3-218 IS A 2.0 TO 18.0 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 3.0 dB MAXIMUM. THE SIZE OF THIS UNIT IS 9.00" x 1.00" x 0.40".

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/1/16	

SPECIFICATIONS

- FREQUENCY RANGE: ----- 2.0 TO 18.0 GHz
- INSERTION LOSS: ----- 3.0 dB MAXIMUM
- INPUT VSWR: ----- 2.0:1
- OUTPUT VSWR: ----- 2.0:1
- ISOLATION: ----- 14.0 dB MINIMUM
- AMPLITUDE BALANCE: ----- 0.8 dB
- PHASE BALANCE: ----- 18°
- AVERAGE POWER INTO LOAD VSWR: - 1.2:1 - 25 WATTS
2.1:1 - 7.5 WATTS
∞ - 0.75 WATTS
- WEIGHT: ----- 4 oz.
- SIZE: ----- 9.00" x 1.00" x 0.40"
228.60 mm x 25.40 mm x 10.16 mm

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +100 °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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE APD-3-218 2 TO 18 GHz POWER DIVIDER				
APPROVALS	DATE					
DRAWN <i>M. Berry</i>	<i>2/1/16</i>					
CHECKED						
ISSUED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY		REV -
		SCALE N:S			SHEET 1 OF 1	