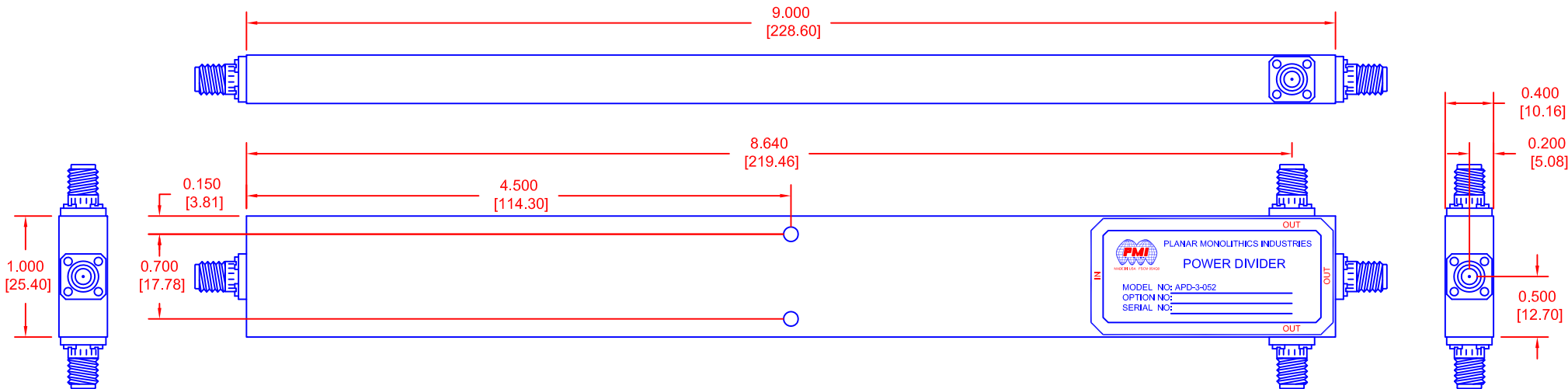


DESCRIPTION

PMI MODEL: APD-3-052 IS A 0.5 TO 2.0 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 0.75 dB MAXIMUM. THE SIZE OF THIS UNIT IS 9.00" x 1.00" x 0.40".

SPECIFICATIONS

- FREQUENCY RANGE: ----- 0.5 TO 2.0 GHz
- INSERTION LOSS: ----- 0.75 dB MAXIMUM
- INPUT VSWR: ----- 1.5:1
- OUTPUT VSWR: ----- 1.5:1
- ISOLATION: ----- 16.0 dB MINIMUM
- AMPLITUDE BALANCE: ----- 0.4 dB
- PHASE BALANCE: ----- 8.0°
- 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



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

PMI CONFIDENTIAL AND PROPRIETARY

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

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

MECHANICAL OUTLINE

PLANAR MONOLITHICS INDUSTRIES, INC.
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WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE APD-3-052 0.5 TO 2 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		