

DESCRIPTION

PMI MODEL NO. DP-2R3-4R7-SFF IS A DIPLEXER WITH CENTER FREQUENCIES OF 2.3 GHz AND 4.7 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.8:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- CENTER FREQUENCY CH1: ----- 2.3 GHz
- CENTER FREQUENCY CH2: ----- 4.7 GHz
- BANDWIDTH CH1 @ -1 dB: ----- 2.2 TO 2.4 GHz
- BANDWIDTH CH2 @ -1 dB: ----- 4.4 TO 5.0 GHz
- INSERTION LOSS: ----- 1.0 dB MAX
- VSWR: ----- 1.5:1 TYP, 1.8:1 MAX
- ISOLATION: ----- 70 dB MIN
- INPUT POWER: ----- 5 WATTS MAX
- PEAK POWER: ----- 15 WATTS MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +70 °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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

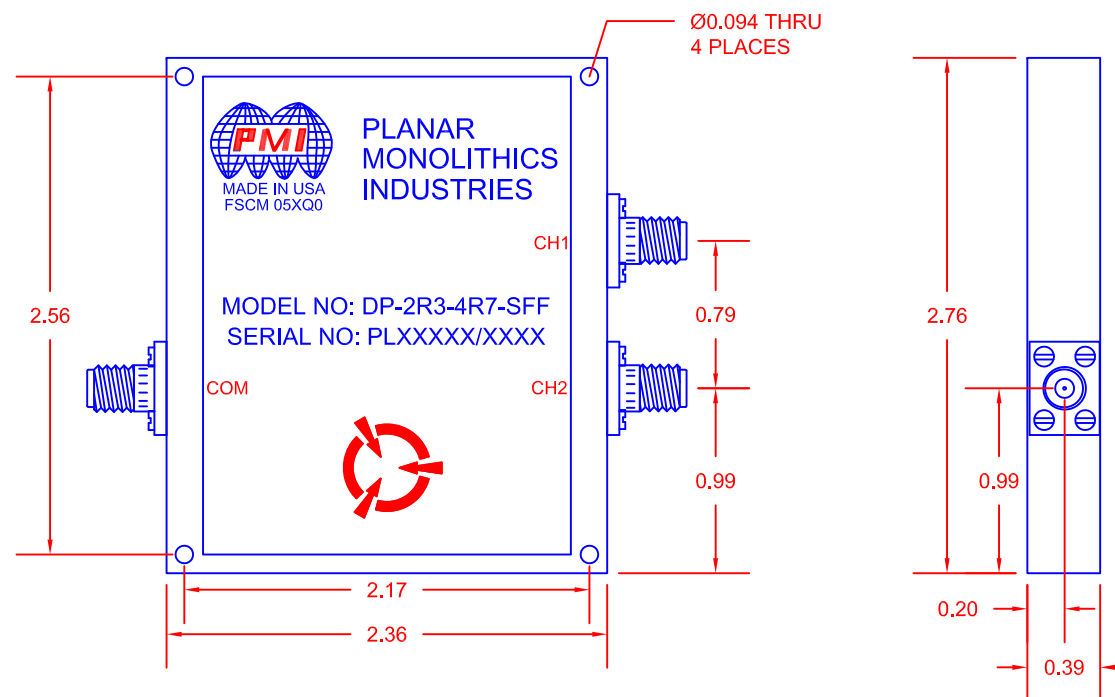
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	4/12/2019	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE DP-2R3-4R7-SFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>4/12/19</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -	
ISSUED		SCALE N:S		SHEET 1 OF 1		