

DESCRIPTION

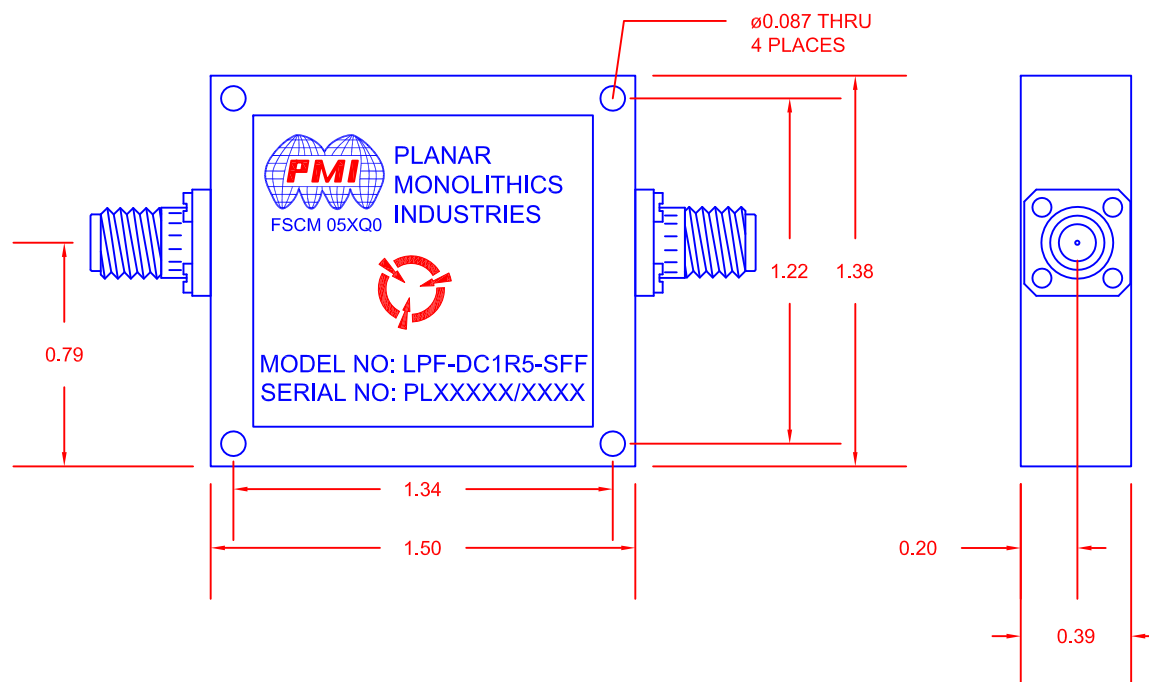
PMI MODEL NO. LPF-DC1R5-SFF IS A LOW PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 1.5 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	7/9/2019	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE (-1 dB BANDWIDTH): — DC TO 1.5 GHz
- INSERTION LOSS: ————— 1.0 dB MAX
- VSWR: ————— 1.3:1 TYP, 1.5:1 MAX
- REJECTION @ 1.8 TO 3.0 GHz: ————— 46 dBc MIN
- INPUT POWER: ————— 10 WATTS MAX
- IMPEDANCE: ————— 50 OHMS
- CONNECTORS: ————— SMA FEMALE
- FINISH: ————— PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ————— -45 °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

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 LPF-DC1R5-SFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	7/9/19					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -	
ISSUED		SCALE N:S		SHEET 1 OF 1		