DESCRIPTION

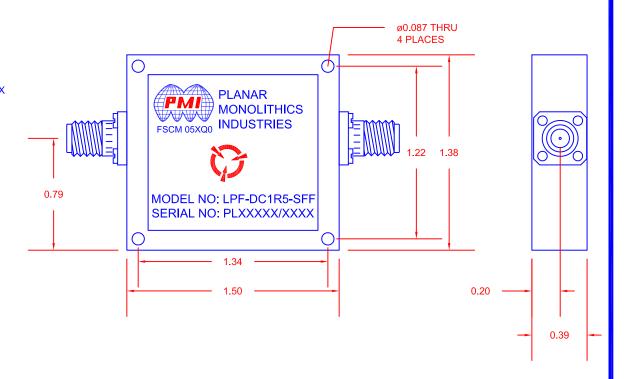
PMI MODEL NO. LPF-DC1R5-SFF IS A LOW PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 1.5 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS									
ZONE	REV.	DESCRIPTION	DATE	APPROVED					
	-	PRELIMINARY	7/3/2019						

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

-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

..... MIL-STD-202, METHOD 105C COND. B

• TEMPERATURE CYCLE: ------ MIL-STD-202, METHOD 107D COND. A

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

X.XXX ±0.010

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED										
		TITLE								
APPROVALS	PRODUCT FEATURE LPF-DC1R5-SFF									
ORAWN 7/3/19										
REDRAWN		SIZE	FSCM NO.		DWG NO.					REV.
		_ A 05X		Q0	Q0 PRELIN			MINARY		
SSUED		SCALE	N:S			SHE	ĒΤ	10	F 1	