

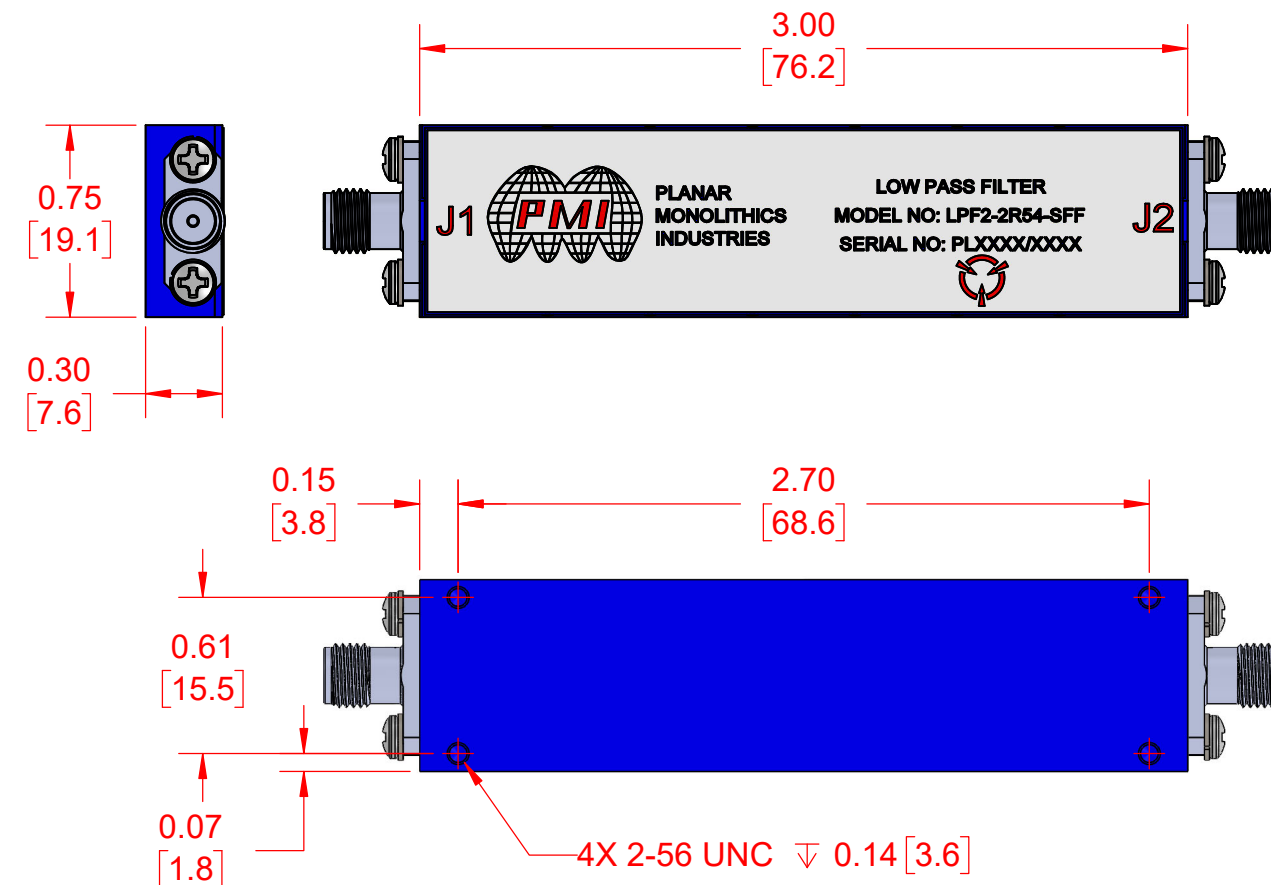
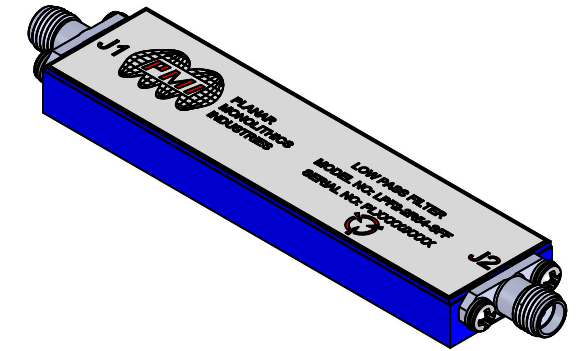
DESCRIPTION:

PMI MODEL: LPF2-2R54-SFF IS A MICROSTRIP LOWPASS FILTER WITH SMA FEMALE CONNECTORS IN/OUT. THIS UNIT OFFERS A HIGH Q AND LOW INSERTION LOSS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/22/2019	
	B1	ECN # 22-0121	9/27/2022	

SPECIFICATIONS:

- FREQUENCY:..... DC TO 2 GHz
- INSERTION LOSS:..... 1.0 dB GOAL, 1.5 dB MAX
- VSWR:..... 1.5:1 GOAL, 1.8:1 MAX
- REJECTION @ 2.5-4 GHz:..... 50 dBc MIN
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°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 TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED

APPROVALS		DATE	TITLE			
DRAWN	SPU	11/22/2019	OUTLINE			
REDRAWN			LPF2-2R54-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			B	05XQ0	27037820	B1
			SCALE 4:3	SHEET 1 OF 1		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX ± 0.02 ±
.XXX ± 0.01