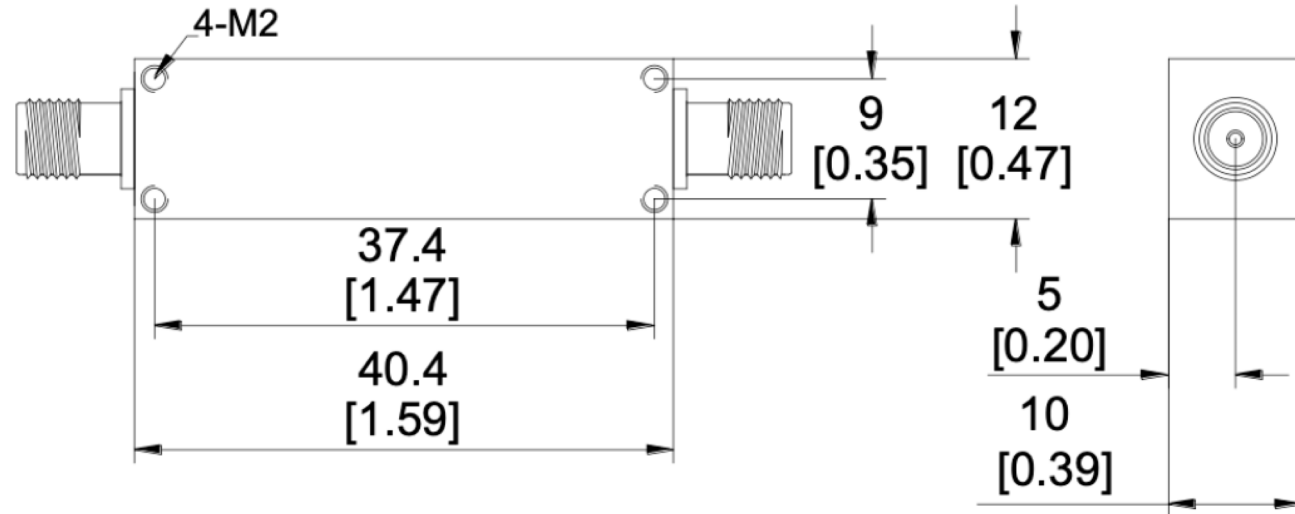


DESCRIPTION:

PMI MODEL NUMBER LPF-DC2G-10W-SFF IS A DC TO 2 GHz LOW PASS FILTER. FEATURING 10 W POWER HANDLING, 1.5:1 VSWR, AND 3 dB INSERTION LOSS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	04/10/26	



SPECIFICATIONS:

- PASSBAND: DC TO 2 GHz
- INSERTION LOSS: 3 dB MAXIMUM
- VSWR: 1.5:1 MAXIMUM
- REJECTION: 20 dB MIN @ 2.1 TO 4 GHz
- INPUT POWER: 10 W CW MAX
- RF CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +70°C (OPERATING)
-55°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
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010
WEIGHT: 2.75 oz.

PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

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E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN	AG	04/10/26	PRODUCT FEATURE LPF-DC2G-10W-SFF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1