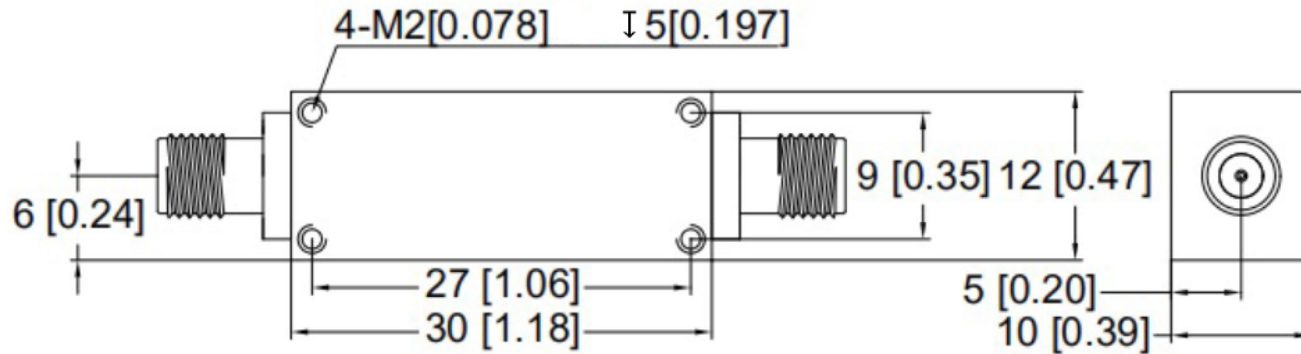


**DESCRIPTION:**

PMI MODEL NUMBER LPF-DC880M-1W-SFF IS A DC TO 880 MHz LOW PASS FILTER FEATURING 1 W CW POWER HANDLING, 15 dB RETURN LOSS, AND 2 dB INSERTION LOSS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	03/31/26	



**SPECIFICATIONS:**

- FREQUENCY: ..... DC TO 880 MHz
- INSERTION LOSS: ..... 2 dB MAX
- RETURN LOSS: ..... 15 dB MIN
- INPUT POWER: ..... 1 W CW MAX
- REJECTION: ..... 30 dB MIN @ 925 TO 960 MHz
- RF CONNECTORS: ..... SMA FEMALE CONNECTORS
- FINISH: ..... SILVER PLATED

**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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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN AG		03/31/26	PRODUCT FEATURE LPF-DC880M-1W-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		REV. -
					SHEET 1 OF 1