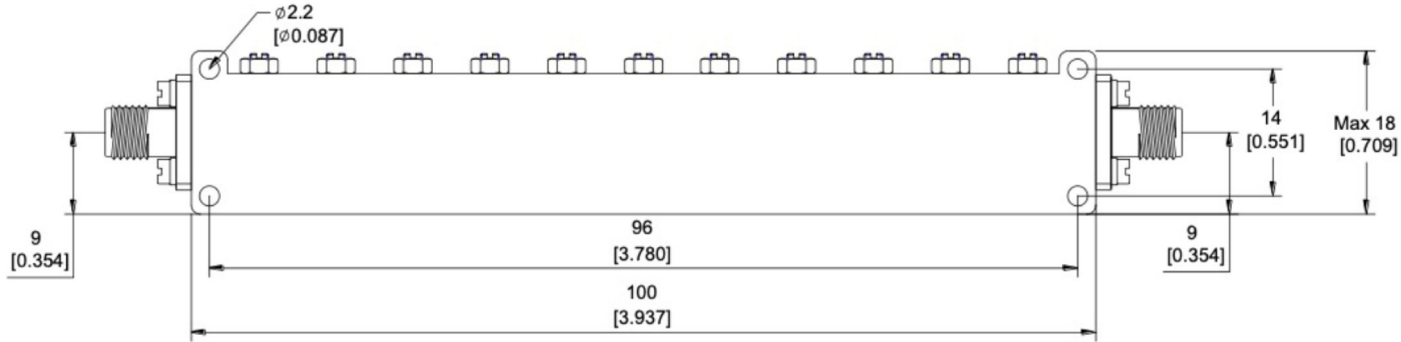


**DESCRIPTION:**

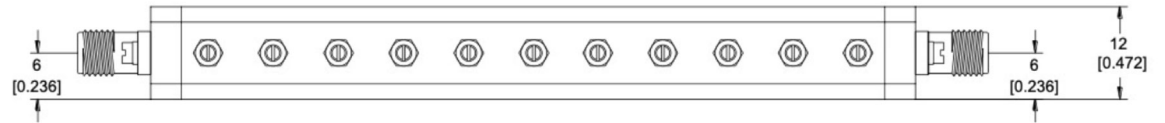
PMI MODEL NUMBER CL9D3-370M-SFF IS A BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN AND OUT.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/25/25	



**SPECIFICATIONS:**

- PASSBAND: ..... 9,115 TO 9,485 GHz
- CENTER FREQUENCY: ..... 9.3 GHz
- INSERTION LOSS: ..... 2 dB MAX
- INPUT POWER: ..... 1 W CW MAX
- VSWR: ..... 1.5:1 MAX
- REJECTION: ..... 40 dBc MIN @ DC TO 9.017 GHz  
62 dBc MIN @ 9.647 TO 10.1 GHz  
70 dBc MIN @ 10.1 TO 10.5 GHz
- PASSBAND RIPPLE: ..... 1 dB MAX
- IMPEDANCE: ..... 50 OHM
- CONNECTORS: ..... SMA (F)
- FINISH: ..... PAINTED BLUE



**ENVIRONMENTAL RATINGS**

- TEMPERATURE: ..... -20°C TO +55°C (OPERATING)  
-50°C TO +85°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 107

**PMI CONFIDENTIAL AND PROPRIETARY**

**PLANAR MONOLITHICS INDUSTRIES, INC.**

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 E-MAIL: [sales@quanticpmi.com](mailto:sales@quanticpmi.com)  
 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN ASG		4/25/25	PRODUCT FEATURE CL9D3-370M-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		REV. -
					SHEET 1 OF 1

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 X.XX ±0.020  
 X.XXX ±0.010  
 WEIGHT: 2.75 oz.

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION