

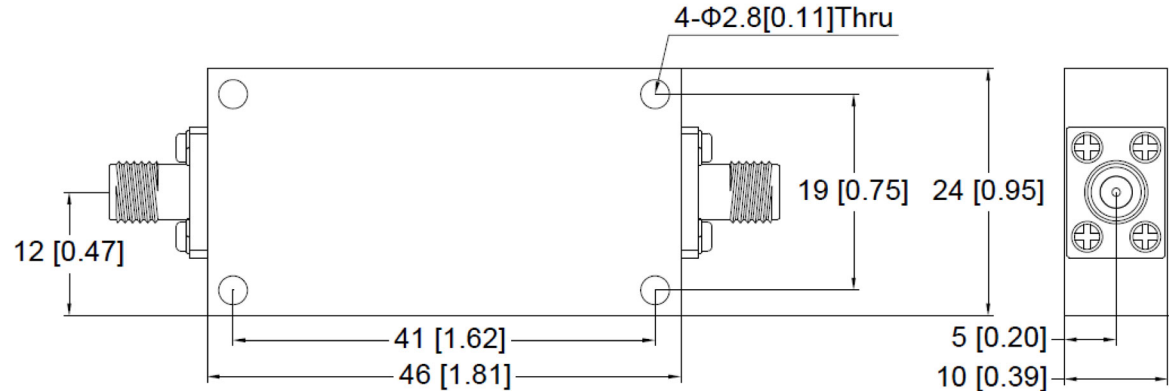
**DESCRIPTION:**

MODEL NUMBER LPF-DC8G-SFF IS A LOW PASS FILTER DESIGNED TO PASS SIGNALS BETWEEN DC AND 8 GHz. THIS MODEL OFFERS 45 dB REJECTION AT 8.4 GHz, MAXIMUM PASSBAND INSERTION LOSS OF 2 dB, AND COMES EQUIPPED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	08/29/25	

**SPECIFICATIONS:**

PASSBAND: DC TO 8 GHz  
 INSERTION LOSS: 2 dB MAX  
 REJECTION: 45 dB MIN @ 8.4 GHz  
 VSWR: 1.8:1 MAX  
 INPUT POWER: 10 W MAX  
 CONNECTORS: SMA FEMALE  
 FINISH: PAINTED BLUE



**ENVIRONMENTAL RATINGS:**

TEMPERATURE: -45 to +85 Deg. C (OPERATING)  
 -45 to +85 Deg. 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: The above specifications are subject to change or revision.

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

**PLANAR MONOLITHICS INDUSTRIES, INC.**

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		08/29/25	PRODUCT FEATURE LPF-DC8G-SFF			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N: S	SHEET	1 OF 1