

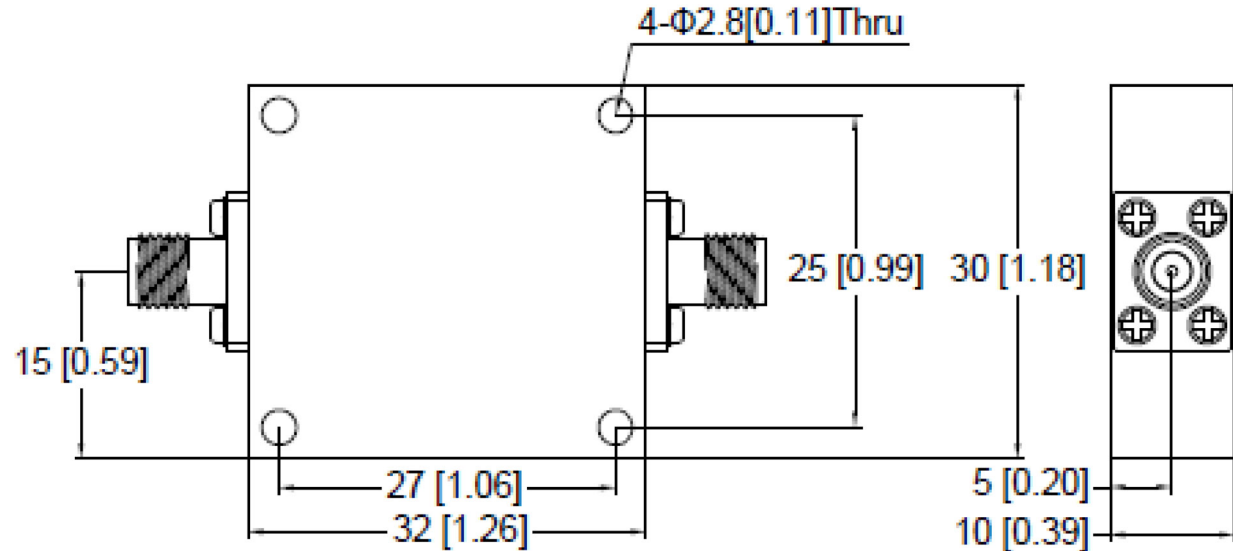
**DESCRIPTION:**

MODEL NUMBER HPF-8G18G-SFF IS A HIGH PASS FILTER DESIGNED TO PASS SIGNALS BETWEEN 8 AND 18 GHz. THIS MODEL OFFERS 45 dB REJECTION AT 7.6 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: 8 TO 18 GHz  
 INSERTION LOSS: 2 dB MAX  
 REJECTION: 45 dB MIN @ 7.6 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.**

7309-A GROVE ROAD  
 FREDERICK, MARYLAND 21704 USA  
 TEL: 301-662-5019 FAX: 301-662-1731  
 WEBSITE: [www.pmi-rf.com](http://www.pmi-rf.com)  
 E-MAIL: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)  
 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN AG		08/29/25	PRODUCT FEATURE HPF-8G18G-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N: S		REV. -
				SHEET	1 OF 1