

DESCRIPTION:

PMI MODEL: HP3G55M18G-SMA IS A HIGH PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 3.55 TO 18.0 GHz. IT HAS A MAXMUM INSERTION LOSS OF 1.5 dB AND A MAXIMUM VSWR OF 2.0:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

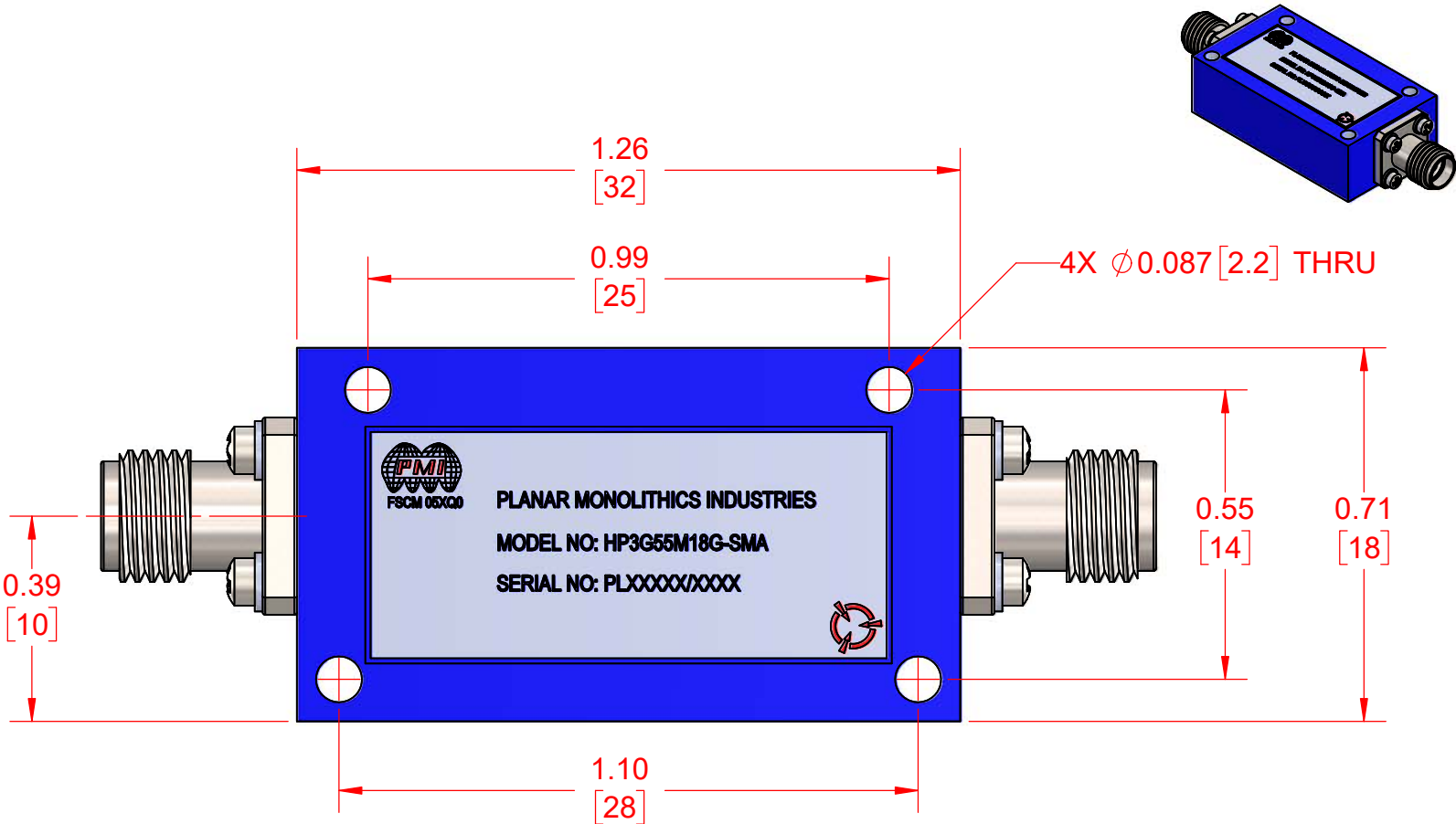
SPECIFICATIONS:

- FREQUENCY RANGE (-1 dB BANDWIDTH):..... 3.55 TO 18.0 GHz
- INSERTION LOSS:..... 1.0 dB TYP.  
1.5 dB MAX
- VSWR: ..... 1.7:1 TYP.  
2.0:1 MAX
- REJECTION @ DC TO 2.8 GHz:..... 55 dB MIN.
- INPUT POWER:..... 10 WATTS MAX
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE


ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)  
-65°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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/7/2022	
	A2	SEE ECN 22-0153	11/22/2022	



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

PMI CONFIDENTIAL AND PROPRIETARY									
PLANAR MONOLITHICS INDUSTRIES, INC.									
									
APPROVALS		DATE		TITLE					
DRAWN		9/7/2022		OUTLINE					
S AZHAR				HP3G55M18G-SMA					
REDRAWN				SIZE		FSCM NO.		DWG NO.	
ISSUED				B		05XQ0		27045000	
								REV.	
								A2	
				SCALE		2:1		SHEET 1 OF 1	