

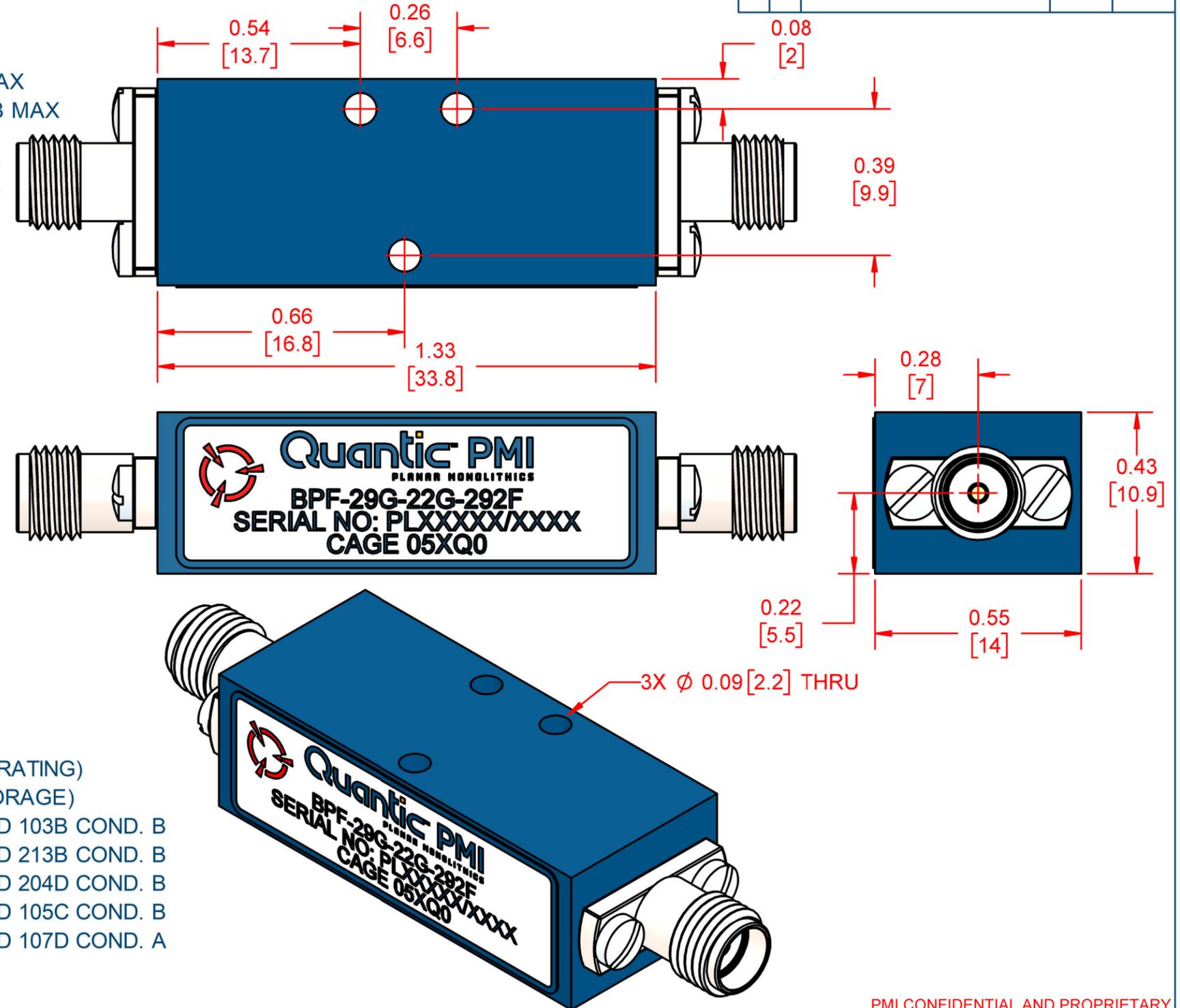
DESCRIPTION:

PMI MODEL: BPF-29G-22G-292F IS A BANDPASS FILTER WITH 2.92mm FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/15/2025	

SPECIFICATIONS:

- FREQUENCY RANGE (-1dB BANDWIDTH):..... 18 GHz TO 40 GHz
- INSERTION LOSS:..... 2.0 dB TYP, 3.5 dB MAX
- PASSBAND RIPPLE:..... ±0.75 dB TYP, ±1.0 dB MAX
- VSWR:..... 2.5:1 TYP, 3.0:1 MAX
- REJECTION @ 16.5 GHz:..... 20 dB MIN, 25 dB TYP
- REJECTION @ 41.5 GHz:..... 20 dB MIN, 25 dB TYP
- INPUT POWER:..... 1 W MAX
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... 2.92mm FEMALE (X2)
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -45°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

PMI CONFIDENTIAL AND PROPRIETARY

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		<table border="1"> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> <tr> <td>DRAWN V. PRATAP</td> <td>4/15/2025</td> </tr> <tr> <td>REDRAWN</td> <td></td> </tr> <tr> <td>ISSUED</td> <td></td> </tr> </table>		APPROVALS	DATE	DRAWN V. PRATAP	4/15/2025	REDRAWN		ISSUED		<p>Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 862-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED</p>	
APPROVALS	DATE												
DRAWN V. PRATAP	4/15/2025												
REDRAWN													
ISSUED													
TITLE OUTLINE BPF-29G-22G-292F		SIZE B	FSCM NO. 05XQ0	DWG NO. 27051620	REV. A1								
SCALE 3:1		SHEET 1 OF 1											