

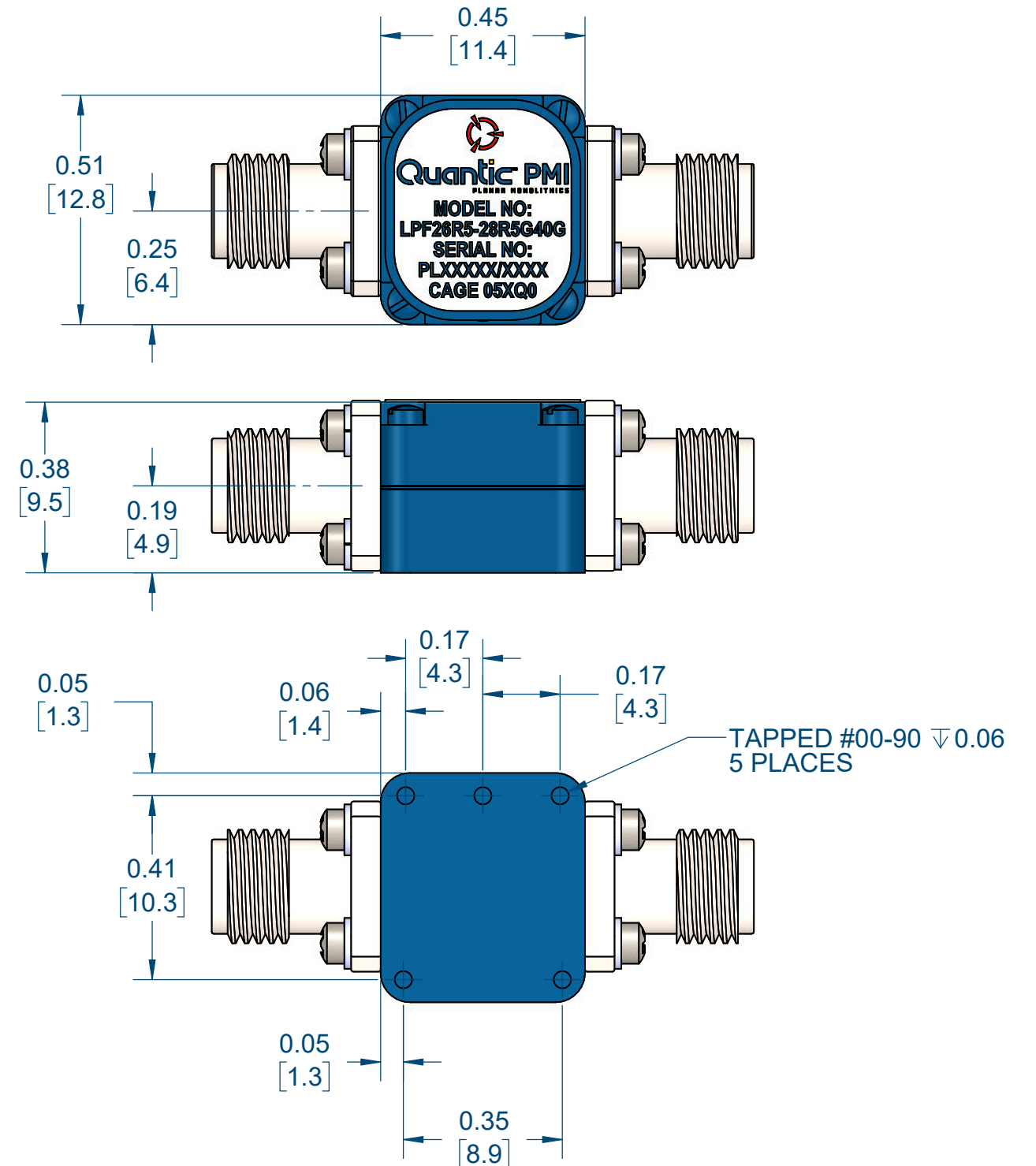
**DESCRIPTION:**

PMI MODEL LPF26R5-28R5G40G IS AN ULTRA-SMALL LOW PASS FILTER WITH A PASSBAND FREQUENCY RANGE OF DC TO 26.5 GHz, AND GREATER THAN 25 dB REJECTION FROM 28.5 GHz TO 40 GHz.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/13/2024	

**SPECIFICATIONS:**

- PASSBAND:..... DC GHz TO 26.5 GHz
- INSERTION LOSS (PASSBAND):..... 1.5 dB MAX
- VSWR (PASSBAND):..... 2.2:1 MAX
- REJECTION @ 28.5-40 GHz:..... 25 dB
- RIPPLE:..... ±0.75 dB MAX
- CONNECTORS:..... 2.92 mm FEMALE
- SIZE:..... 0.45" (L) X 0.38" (W) X 0.50" (H)
- WEIGHT:..... 0.5 oz TYP
- FINISH:..... PAINTED BLUE



**ENVIRONMENTAL RATINGS:**

- TEMPERATURE:..... -40°C TO +85°C (OPERATING BASE PLATE)  
-65°C TO +125°C (STORAGE)  
+25°C (SPEC)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D

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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN <b>J ESCANO</b> REDRAWN ISSUED		DATE	12/13/2024		
		TITLE OUTLINE LPF26R5-28R5G40G			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    DECIMALS    ANGLES ±                    .XX ± 0.02                    ± .XXX ± 0.01		SIZE B	FSCM NO. 05XQ0	DWG NO. 27024680	REV. A1
SCALE 3:1			SHEET 1 OF 1		

**Quantic PMI**  
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