

DESCRIPTION

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

SPECIFICATIONS

- PASSBAND:..... DC TO 26.5 GHz
- INSERTION LOSS (PASSBAND):..... 1.5 dB MAX
- VSWR (PASSBAND):..... 2.2:1 MAX
- REJECTION 28.5 GHz TO 40 GHz:..... 25 dB
- RIPPLE:..... ± 0.75 dB MAX
- CONNECTORS:..... 2.92mm FEMALE
- SIZE:..... 0.45" (L) X 0.38" (W) X 0.50" (H)
- WEIGHT:..... 0.5 OZ. TYP.
- FINISH:..... BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

ENVIRONMENTAL RATINGS

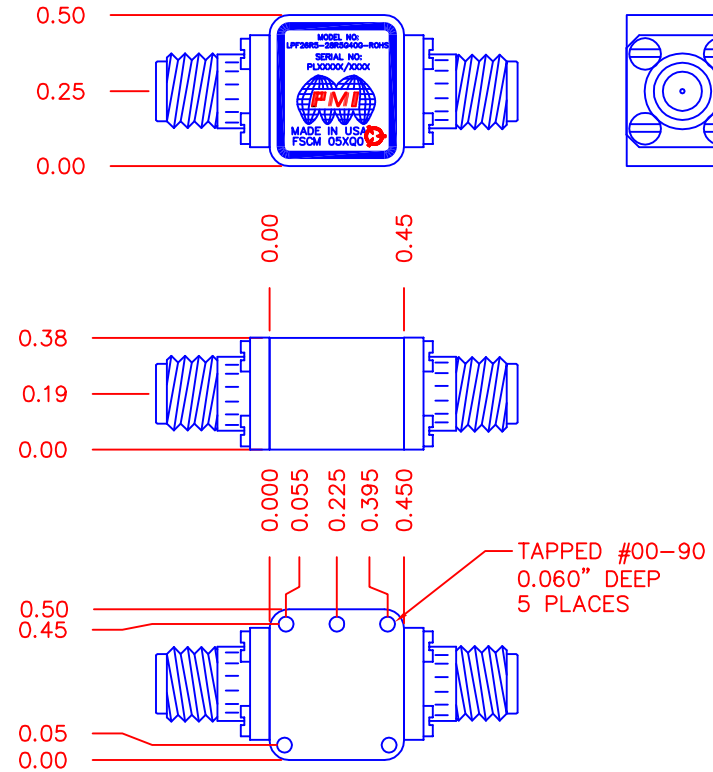
- TEMPERATURE:..... -40°C TO +85°C (OPERATING BASE PLATE)
-65°C TO +125°C (STORAGE)
+25°C (SPEC)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
-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

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

NOTES:
1) DIMENSIONS ARE IN INCHES
2) TOLERANCES: X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	Preliminary	3/18/22	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS		DATE	TITLE		
DRAWN	<i>DH</i>	3/18/22	PRODUCT FEATURE LPF26R5-28R5G40G-ROHS		
REDRAWN			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	Preliminary
			SCALE	N: S	SHEET 1 OF 1