

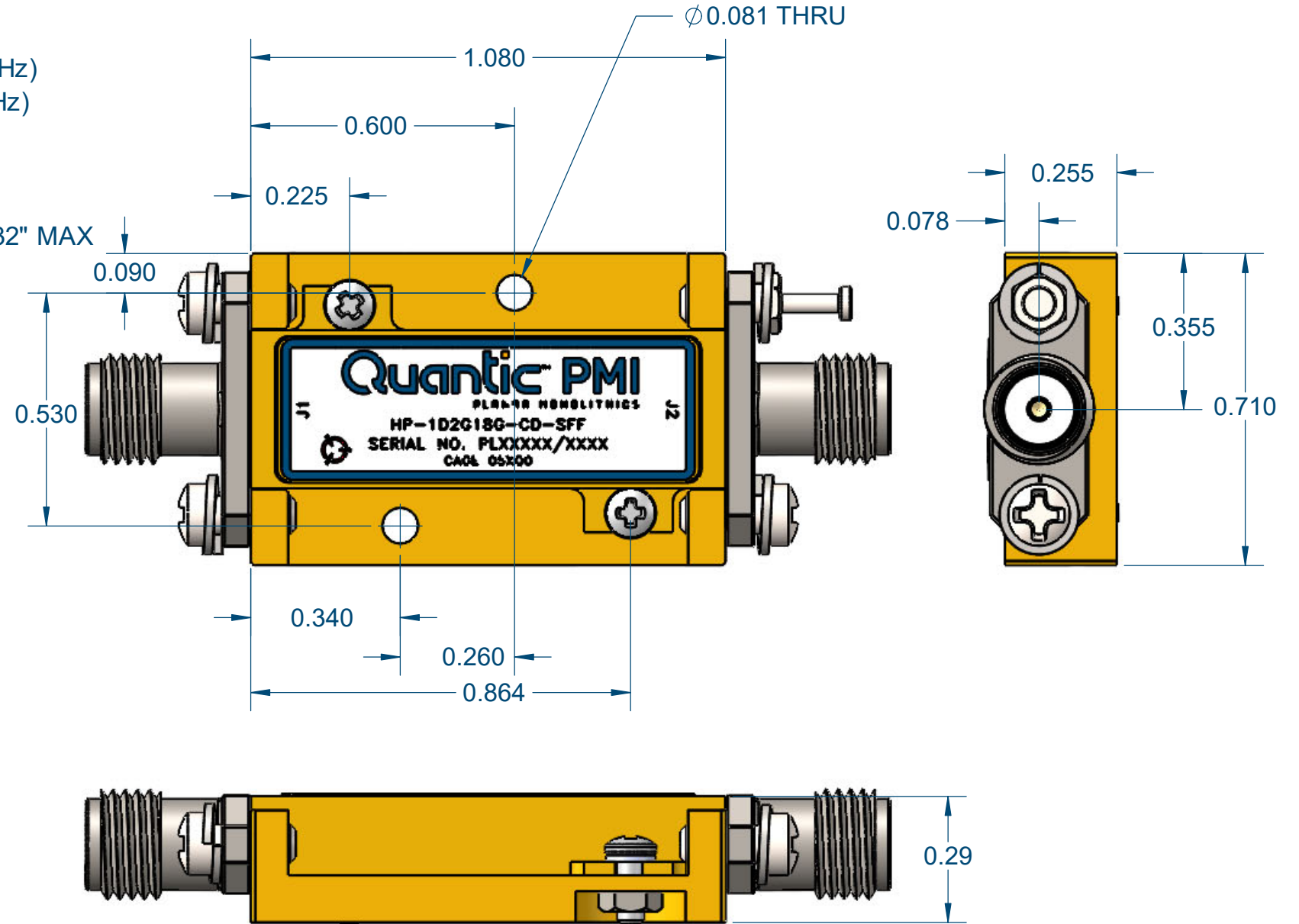
DESCRIPTION:

PMI MODEL: HP-1D2G18G-CD-SFF IS A HIGHPASS FILTER WITH SMA FEMALE CONNECTORS IN AND OUT

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/18/24	
	B1	ECN # 24-0284	10/3/24	
	C1	ECN # 25-0224	8/5/2025	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 1.2 TO 18 GHz
- CUT-OFF FREQUENCY:..... 1.2 GHz
- VSWR IN THE PASSBAND:..... 2.0:1 MAX
- INSERTION LOSS:..... 4.1 dB MAX (@ 1.2 TO 1.5 GHz)
2.5 dB MAX (@ 1.5 TO 18 GHz)
- REJECTION:..... 26 dB MIN @ 0.9 GHz
37 dB MIN @ 0.835 GHz
- CONNECTORS:..... SMA FEMALE
- SIZE:..... (L) 1.00" X (W) 0.71" X (H) 0.32" MAX
- WEIGHT:..... 1 oz TYP
- FINISH:..... GOLD PLATED
- OPERATING INPUT POWER:..... 1 WATT CW MAX



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- VIBRATION:..... MIL-STD-202F, METHOD 204B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107

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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN M.LAULIS REDRAWN ISSUED		DATE		Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED			
		7/18/24					
TITLE				OUTLINE			
HP-1D2G18G-CD-SFF							
SIZE	FSCM NO.	DWG NO.	REV.				
B	05XQ0	27048240	C1				
SCALE 2:1			SHEET 1 OF 1				

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX ± 0.02 ±
XXX ± 0.01