

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-12-20-5W-2 OPTION M IS AN RF POWER LIMITER WITH A FREQUENCY RANGE OF 1.0 TO 2.0 GHz, AVERAGE POWER OF 5 WATTS, LEAKAGE POWER OF LESS THAN 100 mW, INSERTION LOSS OF LESS THAN 1 dB AND VSWR OF 2.0:1. THE SIZE IS 1.00" x 1.00" x 0.40".

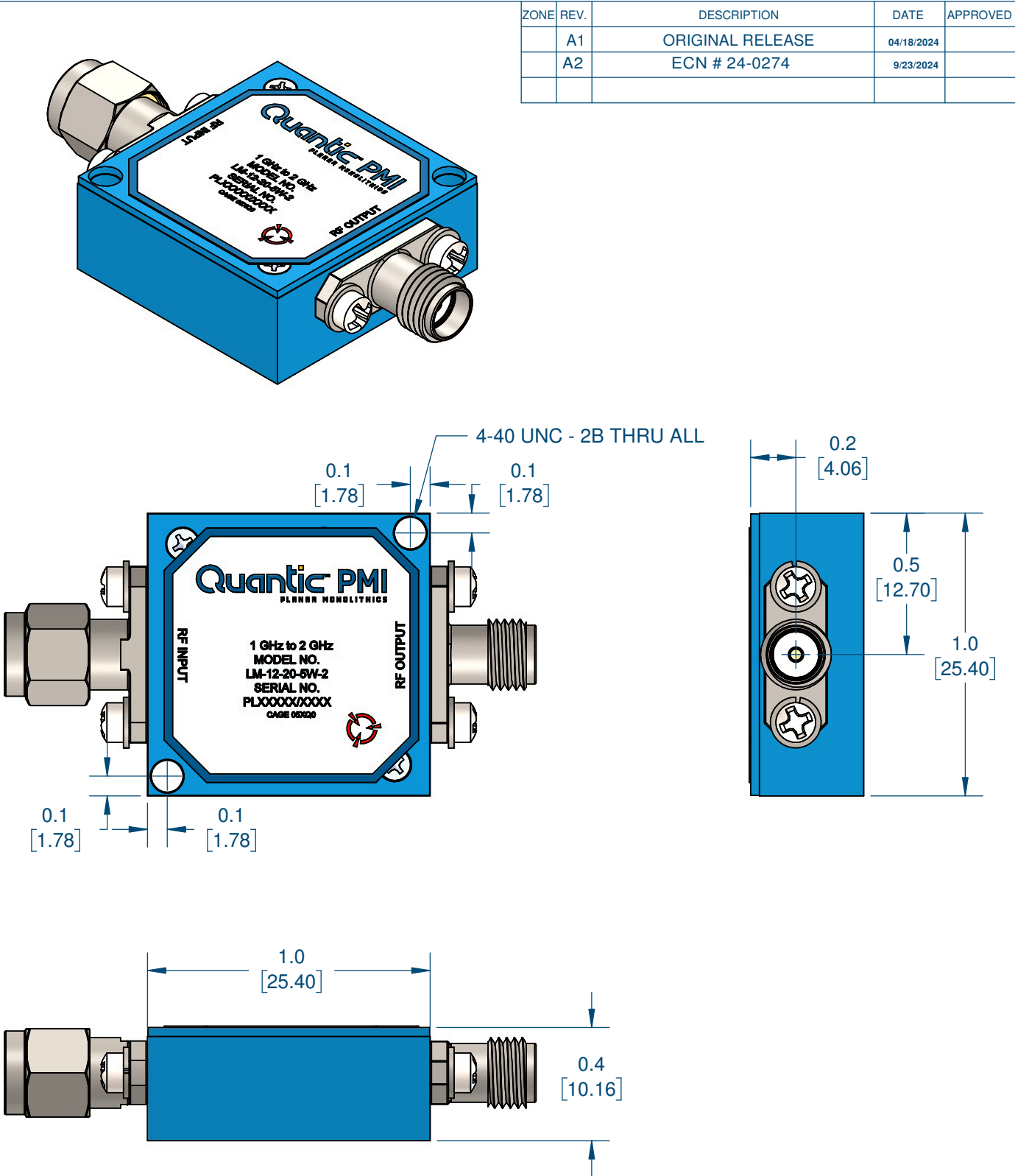
SPECIFICATIONS:

- FREQUENCY RANGE: 1.0 GHz TO 2.0 GHz
- INSERTION LOSS: 1.0 dB MAX
- INPUT/OUTPUT VSWR: 2.0:1 MAX
- LEAKAGE POWER: +15 dBm MAX
+13 dBm TYP
- PEAK POWER: 400 W MAX (1us PW, 0.1% Duty Cycle)
- AVERAGE POWER: 5 W CW MAX
- SIZE: 1.00" X 1.00" X 0.40"
- WEIGHT: 1.5 oz TYP
- CONNECTOR: SMA MALE INPUT
SMA FEMALE OUTPUT
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE: +10 °C TO +55 °C (OPERATING)
-30 °C TO +50 °C (NON-OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION(5-55 Hz, SINE): 3.55g
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLING: MIL-STD-202F, METHOD 107D COND. A

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



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± .XXX ± 0.005		PART NO.		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									
		MATERIAL:		APPROVALS		DATE		TITLE Outline LM-12-20-5W-2							
		FINISH:		DRAWN M. Laulis		04/18/2024									
NEXT ASSY		USED ON		REDRAWN											
				ISSUED				SIZE B		FSCM NO. 05XQ0		DWG NO. 27048600		REV. A2	
APPLICATION								SCALE 2:1						SHEET 1 OF 1	