

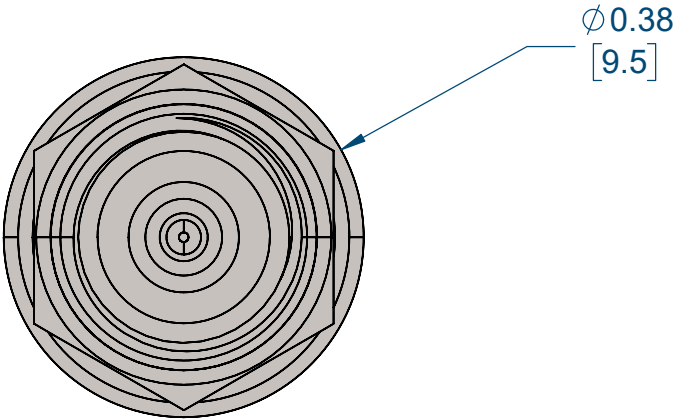
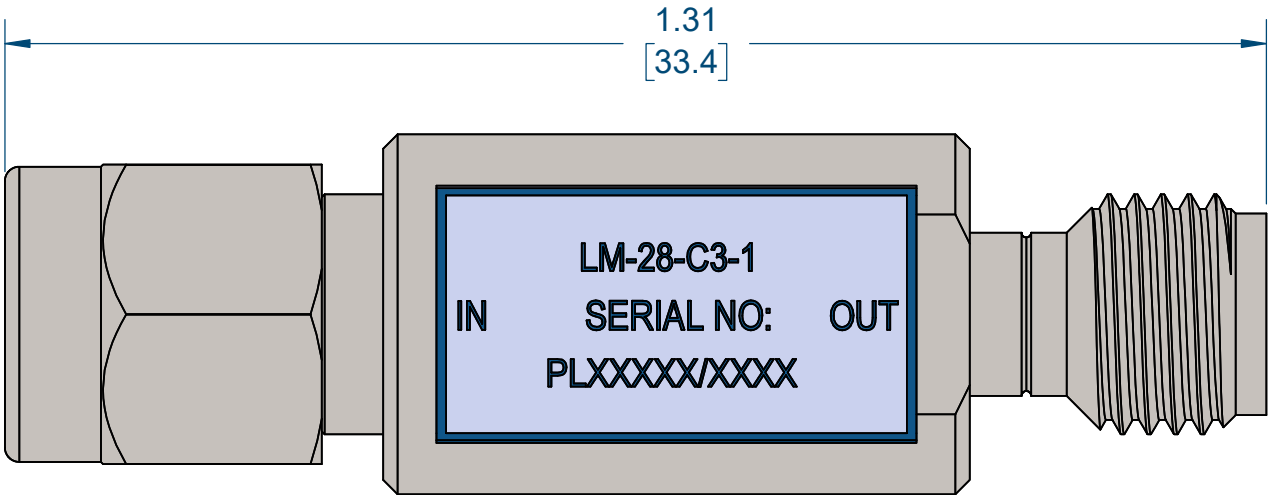
DESCRIPTION:

PMI MODEL NUMBER: LM-28-C3-1 IS A HIGH POWER LIMITER THAT WORKS FROM 2.0 GHz TO 8.0 GHz.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/21/2024	
	B1	ECN # 25-0009	1/16/2025	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 2.0 GHz TO 8.0 GHz
- VSWR:..... 2.0:1 MAX
- INSERTION LOSS:..... 1.0 dB TYP, 1.2 dB MAX
- AVERAGE POWER:..... 3 WATTS MAX
- PEAK POWER:..... 1000 WATTS MAX (1 μs PW, 1% DUTY CYCLE)
- RECOVERY TIME:..... 1000 ns TYP @ 1 kW PEAK
100 ns TYP @ 3 W CW
- LEAKAGE POWER:..... 80 mW TYP(+19 dBm)
- CONNECTORS:..... 2.92mm (M) INPUT AND 2.92mm (F) OUTPUT
- SIZE:..... 1.31" (L) X 0.38" Ø
- WEIGHT:..... <1 OZ. TYP
- FINISH:..... NICKEL PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +125°C (OPERATING)
DERATE POWER HANDLING TO ZERO AT +125°C
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204B COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± .XXX ± 0.005	PART NO.		Quantic PMI PLASMA 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
			APPROVALS	DATE	
		MATERIAL:	DRAWN S LANGE	10/21/2024	TITLE OUTLINE LM-28-C3-1
		FINISH:	REDRAWN		
NEXT ASSY	USED ON		ISSUED		SIZE B
APPLICATION					FSCM NO. 05XQ0
					DWG NO. 27049960
					REV. B1
					SCALE 5:1
					SHEET 1 OF 1