

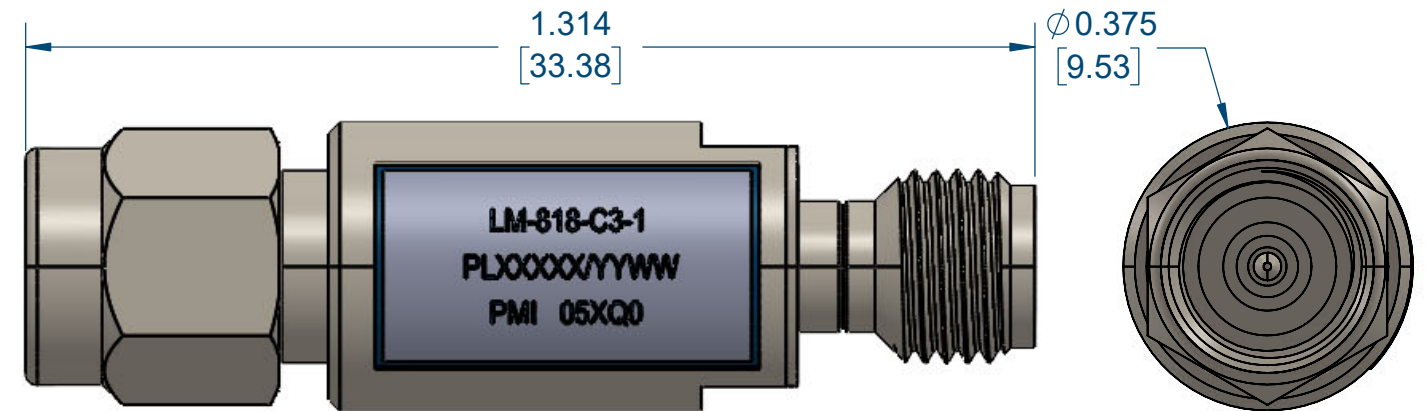
DESCRIPTION:

PMI MODEL NUMBER: LM-818-C3-1 IS A HIGH POWER LIMITER THAT WORKS FROM 8.0 TO 18.0 GHz.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/28/2023	
	B1	ECN # 26-0076	4/6/2026	
	B2	ECN # 26-0122	5/29/2026	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 8.0 TO 18.0 GHz
- VSWR:..... 2.0:1 MAX
- INSERTION LOSS:..... 1.7 dB TYP, 1.9 dB MAX
- AVERAGE POWER:..... 3 WATTS MAX
- PEAK POWER:..... 1000 WATTS MAX (1% DC, 1 us PW)
- RECOVERY TIME:..... 1000 ns TYP
- LEAKAGE POWER:..... 80 mW TYP
- CONNECTORS:..... 2.92mm (M) INPUT AND 2.92mm (F) OUTPUT
- FINISH:..... ALBALOY PLATED
- SIZE:..... 1.314" (L) X 0.375" Ø
- WEIGHT:..... 1 OZ. TYP




ENVIRONMENTAL RATINGS:

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

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
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 ± 0.02 ± .XXX ± 0.01		APPROVALS	DATE	 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			
		DRAWN M.LAULIS REDRAWN	8/28/2023				TITLE OUTLINE LM-818-C3-1
		ISSUED		SIZE	FSCM NO.	DWG NO.	REV.
				B	05XQ0	27046960	B2
		SCALE 2:1			SHEET 1 OF 1		