

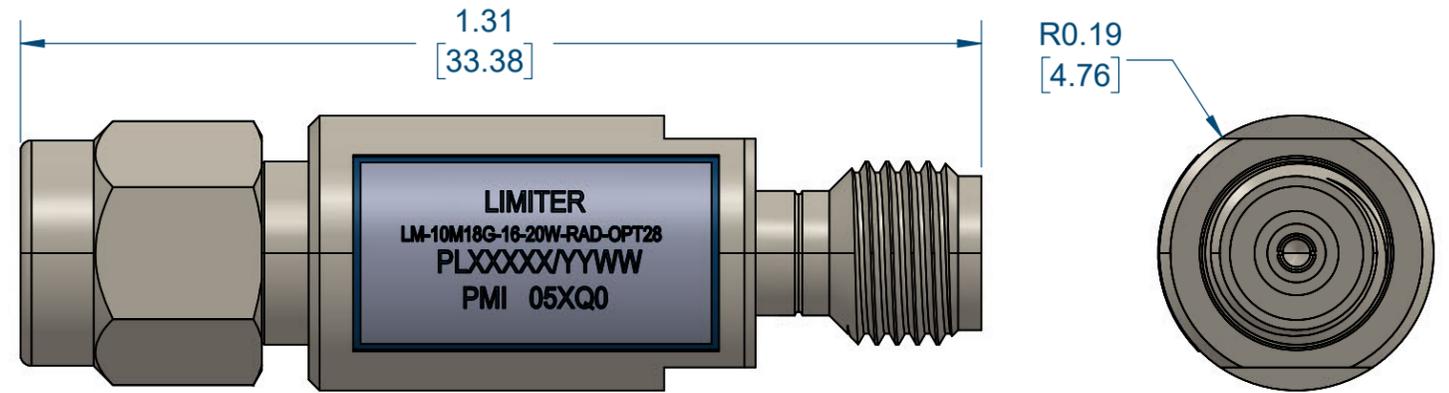
**DESCRIPTION:**

PMI MODEL NUMBER: LM-10M18G-16-20W-RAD-OPT28 IS A COXIAL LIMITER WITH AN OPERATING RANGE OF 2.0 TO 8.0 GHz. THIS LIMITER IS OUTFITTED WITH SMA CONNECTORS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/12/2023	

**SPECIFICATIONS:**

- FREQUENCY RANGE:..... 2.0 TO 8.0 GHz
- RF POWER HANDLING:..... 20W CW MAX  
500W PEAK MAX (10 μs PW / 1kHz PRF)
- INSERTION LOSS:..... 1.2 dB @ -10 dBm INPUT POWER
- RECOVERY TIME (3dB):..... 250 ns MAX
- LEAKAGE POWER:..... +15 dBm TYP
- IMPEDANCE:..... 50 Ω
- VSWR:..... 1.7:1 MAX @ -10 dBm INPUT POWER
- LIMITING THRESHOLD:..... +5 dBm NOM (1 dB COMPRESSION)
- CONNECTORS:..... INPUT: 2.92 MALE OUTPUT: 2.92 FEMALE
- FINISH:..... NICKEL PLATED
- SIZE:..... 1.314" (L) X 0.375" Ø
- WEIGHT:..... 20g [0.705 oz] MAX



**ENVIRONMENTAL RATINGS:**

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)  
-62°C TO +95°C (STORAGE)
- HUMIDITY:..... 100%
- SHOCK:..... 20G 11±1ms
- ALTITUDE:..... 70,000 FT
- VIBRATION:..... 0.1 inchpp OR ± 10G, 5 ~ 500 Hz  
(FIGURE 2, SHEET 1 OF 3, CURVE IV)

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	<b>Quantic PMI</b> 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		10/12/2023		
REISSUED		TITLE		OUTLINE		
ISSUED		LM-10M18G-16-20W-RAD-OPT28		SIZE	B	
		FSCM NO.	05XQ0	DWG NO.	27047360	
		SCALE	2:1	REV.	A1	
					SHEET 1 OF 1	