

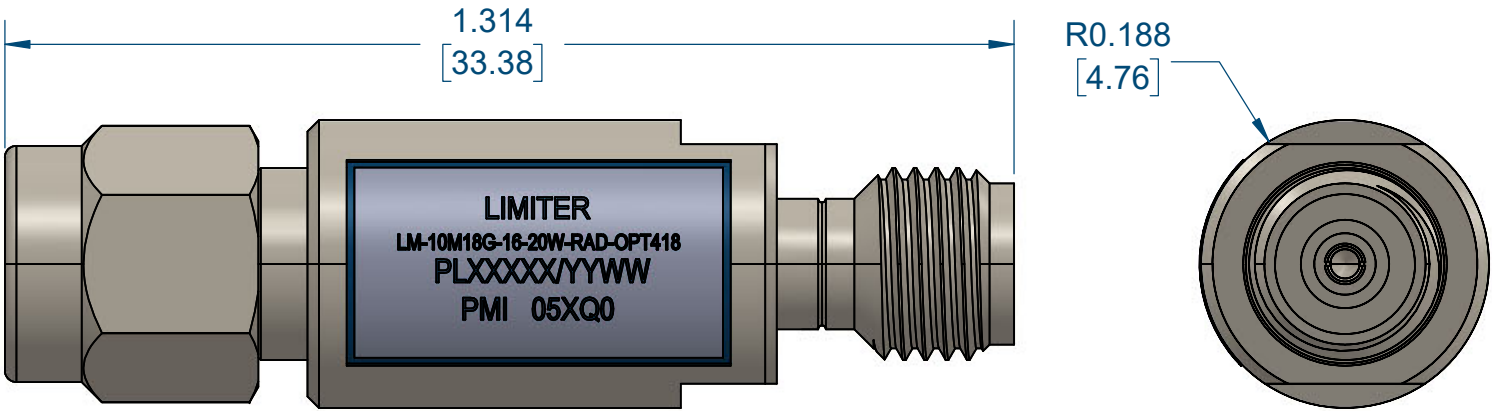
DESCRIPTION:

PMI MODEL NUMBER: LM-10M18G-16-20W-RAD-OPT418 IS A COXIAL LIMITER WITH AN OPERATING RANGE OF 4.0 TO 18.0 GHz. THIS LIMITER IS OUTFITTED WITH SMA CONNECTORS

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

SPECIFICATIONS:

- FREQUENCY RANGE:..... 4.0 TO 18.0 GHz
- RF POWER HANDLING:..... 20W CW MAX
500W PEAK MAX (10 μs PW / 1kHz PRF)
- INSERTION LOSS:..... 2.0 dB @ -10 dBm INPUT POWER
- RECOVERY TIME (3dB):..... 250 ns MAX
- LEAKAGE POWER:..... +15 dBm TYP
- IMPEDANCE:..... 50 Ω
- VSWR:..... 2.0:1 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)

PMI CONFIDENTIAL AND PROPRIETARY

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

					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												
			APPROVALS		DATE		TITLE										
			DRAWN M.LAULIS		10/12/2023												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table><tr><td>FRACTIONS</td><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>±</td><td>.XX ± 0.02</td><td>±</td></tr><tr><td></td><td>.XXX ± 0.01</td><td></td></tr></table>			FRACTIONS	DECIMALS	ANGLES	±	.XX ± 0.02	±		.XXX ± 0.01		REDRAWN				OUTLINE	
			FRACTIONS	DECIMALS	ANGLES												
			±	.XX ± 0.02	±												
				.XXX ± 0.01													
ISSUED				LM-10M18G-16-20W-RAD-OPT418													
				SIZE	FSCM NO.	DWG NO.	REV.										
				B	05XQ0	27047380	A1										
				SCALE 2:1			SHEET 1 OF 1										