

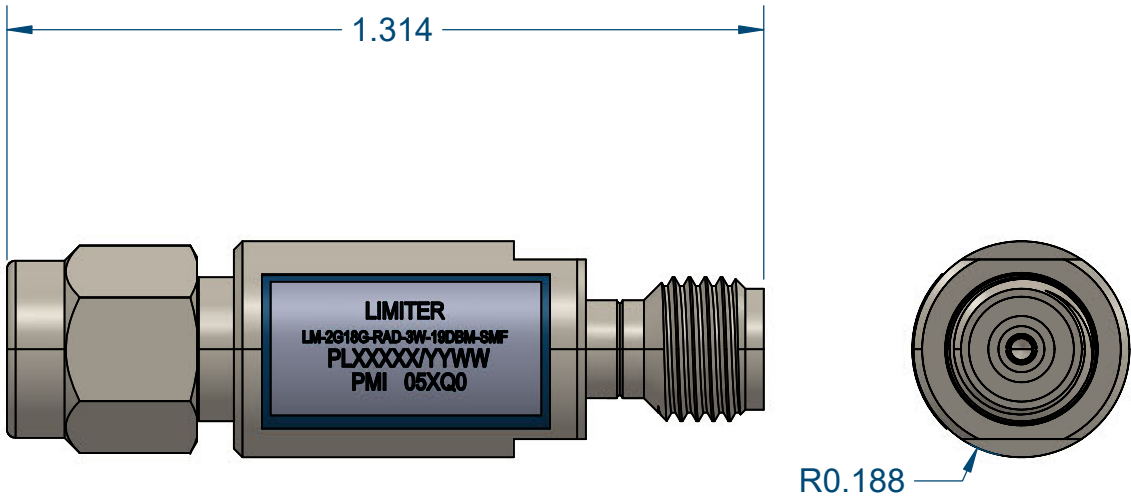
DESCRIPTION:

PMI MODEL: LM-2G18G-RAD-3W-19DBM-SMF IS A LOW LEAKAGE LIMITER OPERATING OVER THE 2 TO 18 GHz FREQUENCY RANGE. THIS MODEL OFFERS EXCELLENT TEMPERATURE STABILITY AND VERY LOW LOSS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/12/2023	
	A2	ECN # 24-0048	4/26/2024	

SPECIFICATIONS:

- FREQUENCY:..... 2.0 TO 18 GHz
- INSERTION LOSS:..... 2.5 dB MAX
- RECOVERY TIME:..... 200 ns MAX
- VSWR:..... 2.0:1 MAX
- POWER HANDLING:..... PEAK POWER - 1 kW MAX (0.1% DUTY CYCLE/ 1μs PULSE WIDTH)  
AVERAGE POWER - 3W CW MAX
- LEAKAGE POWER:..... 80mW (+19dBm) TYP
- CONNECTORS:..... 2.92mm MALE IN / 2.92mm FEMALE OUT  
100% COMPATIBLE WITH SMA
- WEIGHT:..... 2oz MAX
- FINISH:..... NICKEL PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +95°C (OPERATING)  
-40°C TO +125°C (STORAGE)
- HUMIDITY:..... 95% RH @ +45°C - NOT CONDENSATING
- SHOCK:..... 20G @ 11ms NON-OPERATING
- VIBRATION:..... 5mm p-p @ 2-5 Hz  
1.5mm p-p @ 5-10 Hz  
3mm p-p @ 10- 25 Hz - XYZ AXES

PMI CONFIDENTIAL AND PROPRIETARY

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

			<div>Quantic PMI</div> <div>PLANAR MONOLITHICS</div> <div>7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA</div> <div>TEL: (301) 662-5019, FAX: (301) 662-1731</div> <div>WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM</div> <div>ISO 9001 CERTIFIED</div>											
						APPROVALS		DATE						
						DRAWN M.LAULIS		7/12/23						
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES ARE:</div> <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		TITLE OUTLINE LM-2G18G-RAD-3W-19DBM-SMF		
			FRACTIONS	DECIMALS	ANGLES									
			±	.XX ± 0.02	±									
	.XXX ± 0.01													
REDRAWN			ISSUED											
			SIZE B	FSCM NO. 05XQ0	DWG NO. 27046460	REV. A2								
			SCALE 3:1			SHEET 1 OF 1								