ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/12/2023	
	A2	ECN # 24-0048	4/26/2024	
	B1	ECN # 26-0236	11/06/2026	

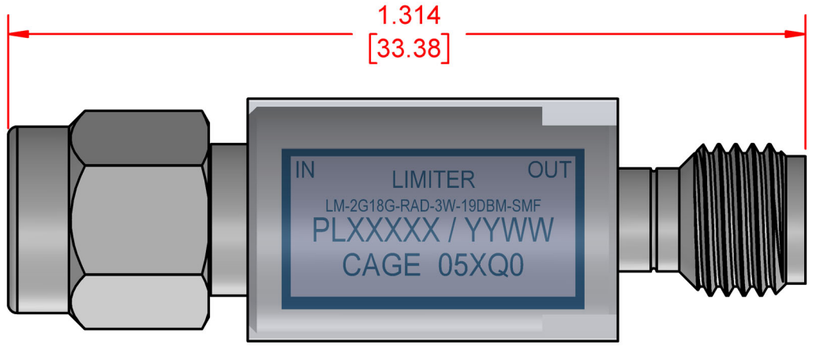
DESCRIPTION:

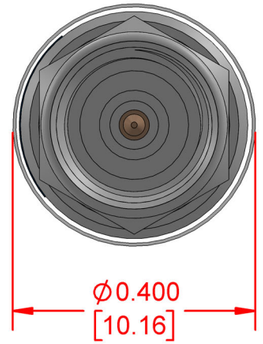
PMI MODEL: LM-2G18G-RAD-3W-19DBM-SMF IS A LOW LEAKAGE LIMITER OPERATING OVER THE 2 TO 18 GHz FREQUENCY RANGE. THIS MODEL OFFERS EXCELLENT TEMPERATURE STABILITY AND VERY LOW LOSS.

SPECIFICATIONS:

- FREQUENCY:..... 2.0 TO 18 GHz
- INSERTION LOSS:..... 2.5 dB MAX
- RECOVERY TIME:..... 200 ns TYP
- VSWR:..... 2.0:1 MAX
- POWER HANDLING:..... 1kW PEAK MAX (0.1% DUTY CYCLE/ 1µs PULSEWIDTH)
  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:..... ALBALOY PLATED







ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +95°C (OPERATING)
  -40°C TO +125°C (STORAGE)
- HUMIDITY:..... 95% RH @ +45°C - NOT CONDENSATION
- 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

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 .XX ± 0.02 .XXX ± 0.01 ANGLES ±

APPROVALS	DATE
DRAWN M.LAULIS	7/12/23
REDRAWN	
ISSUED	

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

TITLE			
OUTLINE LM-2G18G-RAD-3W-19DBM-SMF			
SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27046460	B1
SCALE 3:1			SHEET 1 OF 1