

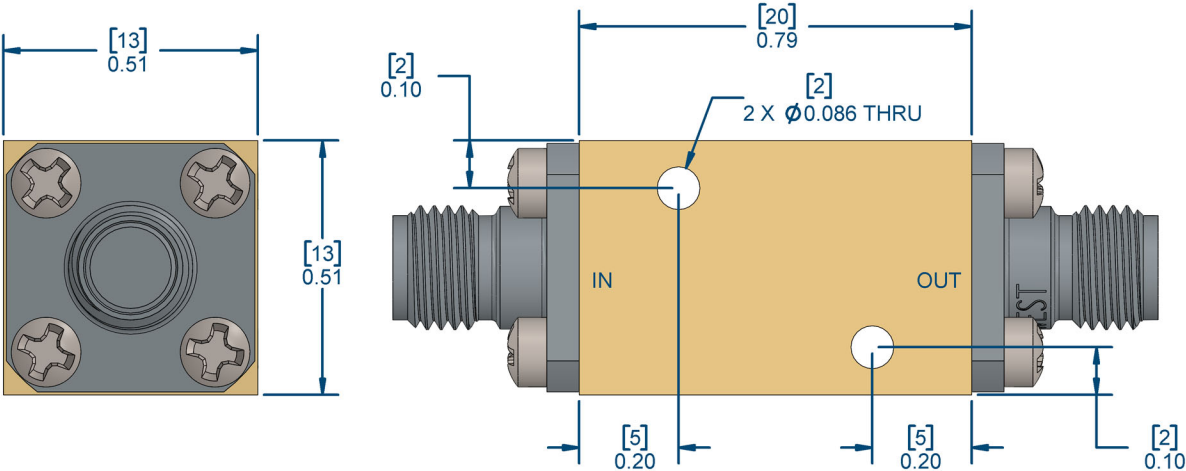
DESCRIPTION:

PMI MODEL LM-1G3G-2-15-SFF IS A COAXIAL LIMITER WITH AN OPERATING RANGE OF 1 TO 3 GHz. THIS MODEL HAS A MAXIMUM INSERTION LOSS OF 1.5 dB AT -10 dBm INPUT POWER WITH A VSWR OF 2:1 MAXIMUM. THIS COMPACT UNIT IS OUTFITTED WITH SMA CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/16/2026	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 1 GHz TO 3 GHz
- RF POWER HANDLING:..... 2 W CW MAX
- INSERTION LOSS:..... 1.5 dB MAX @ -10 dBm INPUT POWER
- FLAT LEAKAGE:..... +15 dBm MAX
- VSWR:..... 2.0:1 MAX @ -10 dBm INPUT POWER
- LIMITING THRESHOLD:..... +2.5 dBm TYP
- CONNECTORS:..... SMA FEMALE
- WEIGHT:..... 20 g TYP
- FINISH:..... GOLD PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 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 XXX ± 0.02 XXX 2 0.01 ±	APPROVALS		DATE	 7700+ DECKE ROAD FREDERICKSBURG, VA 22409 USA TEL: (541) 862-0019 FAX: (541) 862-1721 WEB: WWW.QUANTICPMI.COM EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED TITLE PRELIMINARY OUTLINE LM-1G3G-2-15-SFF SIZE FSCM NO. DWG NO. B 05XQ0 PRELIMINARY SCALE 4:1
	DRAWN		AG	
	REDRAWN			
	ISSUED			
				REV. -
				SHEET 1 OF 1