

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-100M20G-18-10W-SFF-MAH IS A PASSIVE 10W PEAK, 1W CW LIMITER THAT WORKS FROM 0.1 GHz TO 12.4 GHz. ULTRA SMALL PACKAGE WITH LOW LOSS.

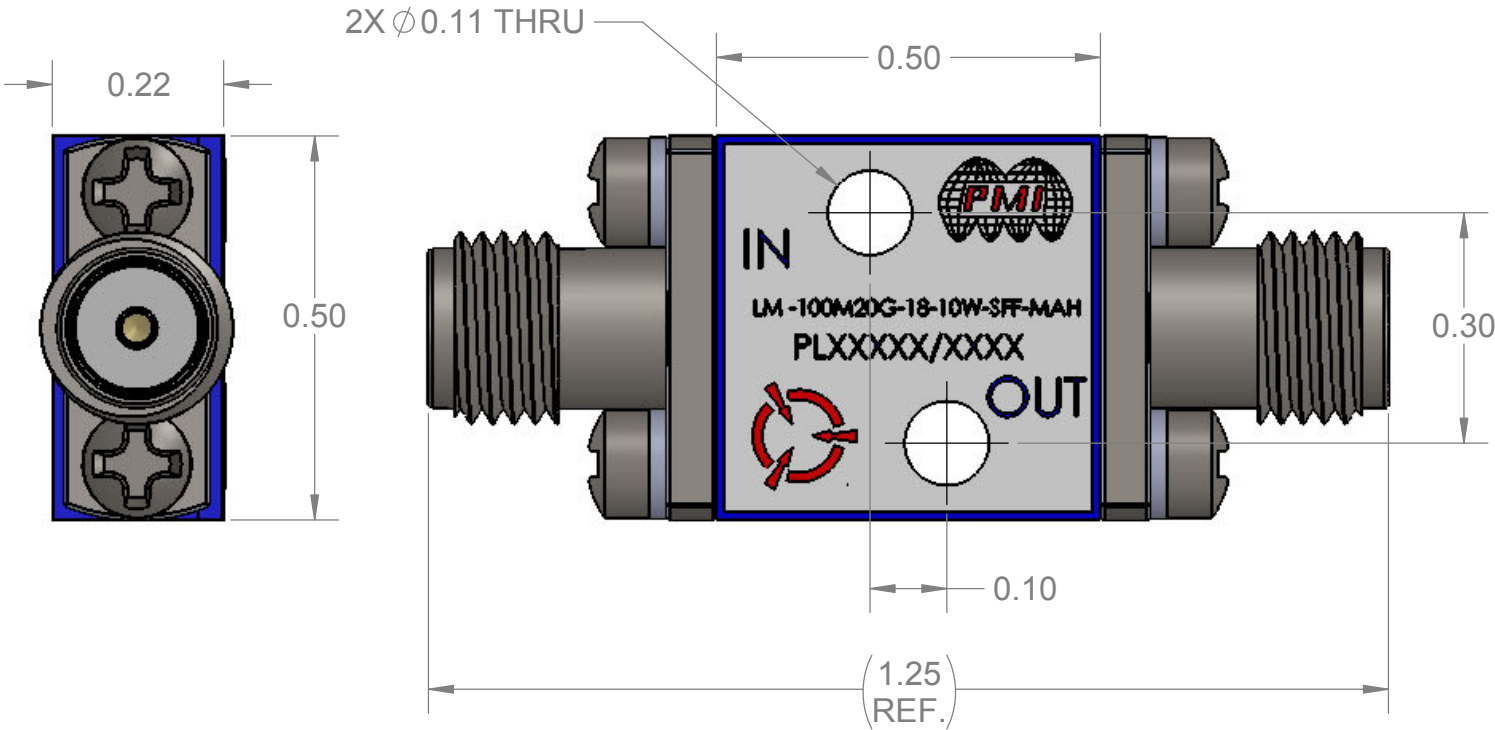
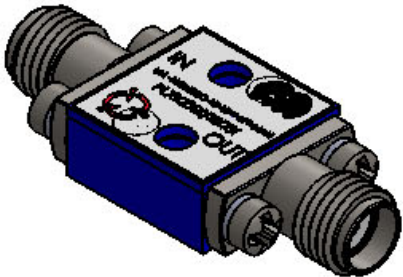
SPECIFICATIONS:

- FREQUENCY RANGE:..... 0.1 TO 12.4 GHz (OPERATES UP TO 20.0 GHz)
- INSERTION LOSS:..... 3.0 dB MAX
- VSWR (IN/OUT):..... 2.0 : 1 MAX
- MAX PEAK POWER HANDLING:..... 10W PULSED, 100 us PULSE WIDTH, 10% DUTY CYCLE, 1W CW
- LEAKAGE POWER:..... 18 dBm MAX
- RECOVERY TIME:..... <115 ns
- CONNECTORS:..... SMA FEMALE (FIELD REMOVABLE)
- SIZE:..... 0.50 X 0.50 X 0.22
- FINISH:..... PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-40°C TO +150°C (STORAGE)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D COND. A

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	5/6/2019	



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

PMI CONFIDENTIAL AND PROPRIETARY

			PLANAR MONOLITHICS INDUSTRIES, INC.											
														
			7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: (301)-662-5019, FAX: (301)-662-1731 WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com ISO 9001 CERTIFIED											
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			APPROVALS		DATE		TITLE ASSEMBLY LM-100M20G-18-10W-SFF-MAH							
			DRAWN M. HANKEN		7/16/2017									
			REDRAWN CW		5/6/2019									
			ISSUED				SIZE B		FSCM NO. 05XQ0		DWG NO. PRELIMINARY		REV. -	
							SCALE 2:1							
							SHEET 1 OF 1							