

DESCRIPTION

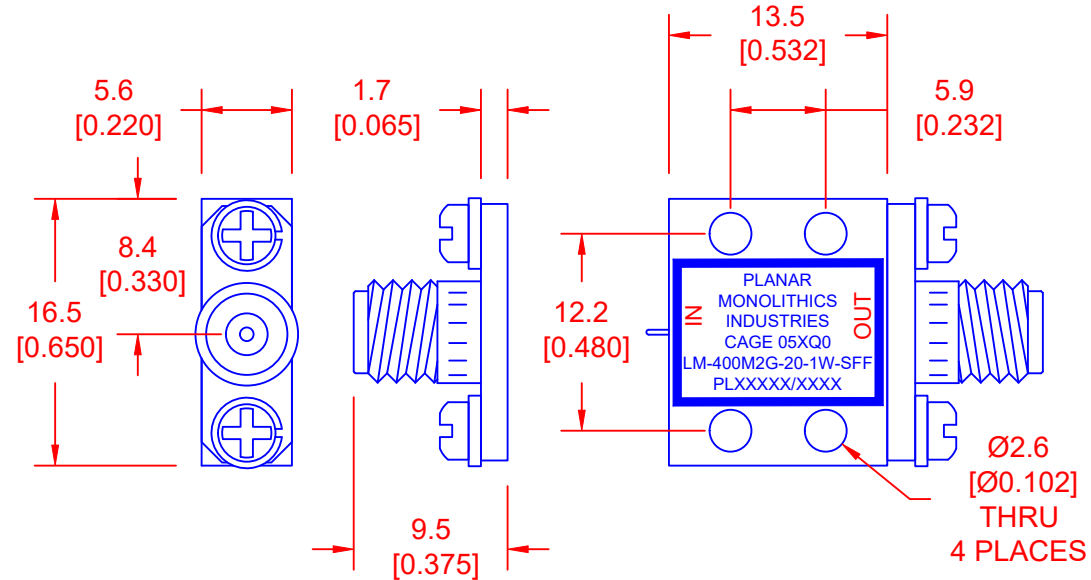
PMI MODEL: LM-400M2G-20-1W-SFF IS A COAXIAL LIMITER THAT OPERATES OVER THE 400 MHz TO 2.0 GHz FREQUENCY RANGE. THIS MODEL OFFERS A MAXIMUM OF 0.7 dB INSERTION LOSS WHILE HANDLING 1 W CW MAXIMUM. THE COMPACT 0.65" x 0.53" x 0.22" HOUSING IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	02/12/18	

SPECIFICATIONS

- FREQUENCY RANGE: --- 0.4 TO 2.0 GHz
- INSERTION LOSS: ----- 0.7 dB MAX
- LEAKAGE POWER: ----- 100 mW MAX
- SPIKE LEAKAGE: ----- 0.1 erg. MAX
- RECOVERY TIME: ----- 250 ns MAX
- VSWR: ----- 2.0:1 MAX
- RF POWER HANDLING: - 1 W CW MAX
3 W PEAK MAX (1 μs PULSE WIDTH, 0.1% DUTY CYCLE)
- CONNECTORS: ----- SMA FEMALE
- WEIGHT: ----- 40g [1.41 oz] MAX
- SIZE: ----- (L) 16.5mm x (W) 13.5mm x (H) 5.5mm
[(L) 0.650" x (W) 0.532" x (H) 0.220"
EXCLUDING CONNECTORS
- FINISH: ----- PAINTED BLUE

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -54 °C TO +85 °C (OPERATING)
-57 °C TO +95 °C (STORAGE)
- ALTITUDE: ----- 0 ~ 30,000 FT
- HUMIDITY: ----- MIL-E-5400 3.2.24.4, 100% RH
- VIBRATION: ----- MIL-E-5400 3.2.24.5, FIGURE 2, SHEET 1 OF 3, CURVE III
- SHOCK: ----- MIL-E-5400 3.2.24.6.1, 15G, 11±1 ms, 6 DIRECTIONS

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

ALL DIMENSIONS ARE IN mm [INCH]
TOLERANCES:
X.XX ± 0.508 [0.020]
X.XXX ± 0.254 [0.010]

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



APPROVALS		DATE	TITLE		
DRAWN M.Berry		02/12/18	PRODUCT FEATURE LM-400M2G-20-1W-SFF 0.4 to 2.0 GHz Coaxial Limiter		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27034060
ISSUED			SCALE N:S		REV. A1
				SHEET	1 OF 1