

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	

- 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 μ s 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

- 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

PMI CONFIDENTIAL AND PROPRIETARY

16.5
[0.650]

5.6
[0.220]

8.4
[0.330]

1.7
[0.065]

13.5
[0.532]

5.9
[0.232]

12.2
[0.480]

Ø2.6
[Ø0.102]

THRU
4 PLACES

PLANAR
MONOLITHICS
INDUSTRIES
LM-400M2G-20-1W-SFF
PLXXXXX/XXXX

IN

OUT

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



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