

DESCRIPTION

PMI MODEL: LM-26G40G-14-20W-292FM IS A HIGH POWER LIMITER THAT OPERATES FROM 26.5 GHz TO 40 GHz AND HANDLES 20 WATTS PEAK POWER. THE LEAKAGE POWER IS +14 dBm TYPICAL.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 26.5 TO 40 GHz
- INSERTION LOSS: ----- 4.0 dB MAXIMUM
- PEAK POWER: ----- 20 WATTS (43 dBm)
- PULSE WIDTH: ----- 440 TO 670 ns
- PRF: ----- 600 TO 900 kHz
- DUTY CYCLE: ----- 40%
- LEAKAGE POWER: ----- +14 dBm TYPICAL
- 1 dB RECOVERY TIME: ----- 250 ns MAXIMUM
- VSWR: ----- 2.0:1
- CONNECTORS: ----- 2.92 mm FEMALE (INPUT)
2.92 mm MALE (OUTPUT)
- SIZE: ----- 0.50" x 0.50" x 0.22"
- WEIGHT: ----- 1.5 oz. TYPICAL
- FINISH: ----- GOLD PLATED

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +60 °C (OPERATING)
-50 °C TO +70 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

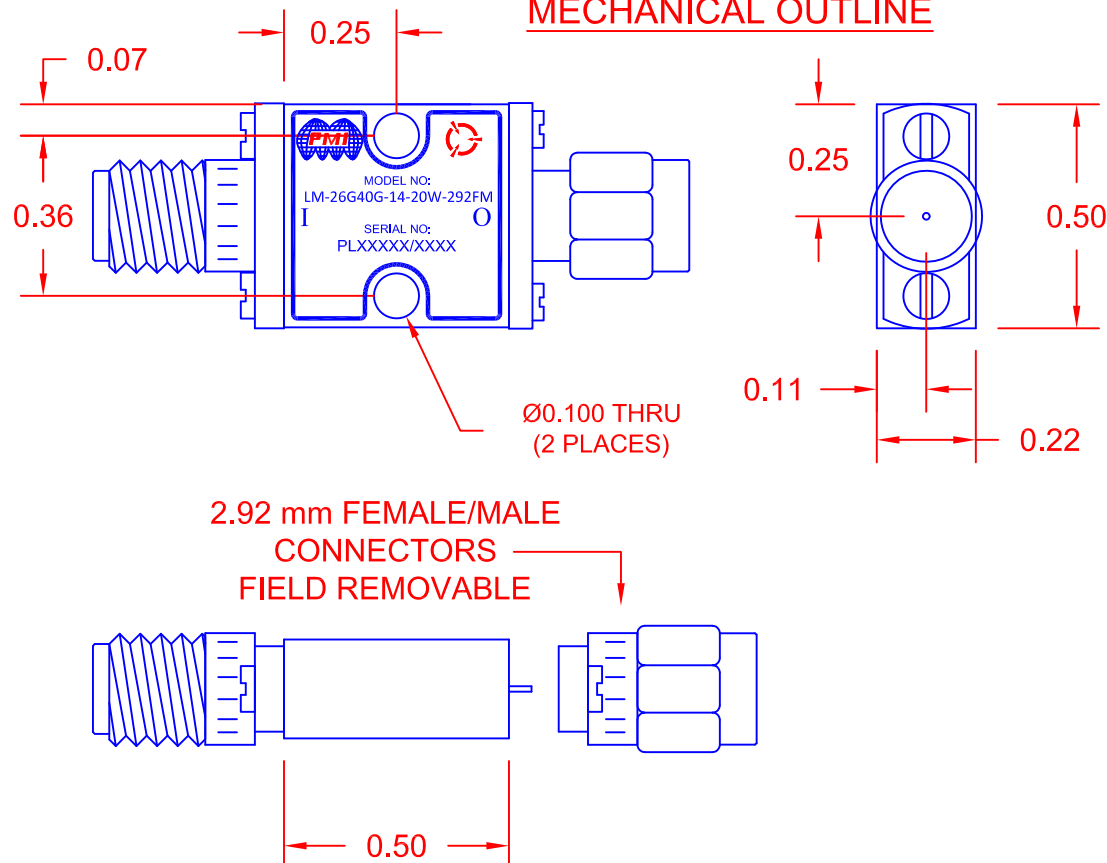
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

| REVISIONS | | | | |
|-----------|------|------------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | 1 | ORIGINAL RELEASE | 11/20/15 | |
| | A1 | ECN # 16-0194 | 12/07/16 | |
| | A2 | ECN # 17-0223 | 9/26/17 | |

MECHANICAL OUTLINE



2.92 mm FEMALE/MALE
CONNECTORS
FIELD REMOVABLE

PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



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|--------------------------|-----------------|--|-------------------|---------------------|------------|
| | | TITLE PRODUCT FEATURE LM-26G40G-14-20W-292FM | | | |
| APPROVALS | DATE | | | | |
| DRAWN <i>M. Berry</i> | <i>11/20/15</i> | | | | |
| CHECKED | | | | | |
| ISSUED | | SIZE A | FSCM NO. 05XQ0 | DWG NO. 27028241 | REV. A2 |
| | | SCALE N:S | | SHEET 1 OF 1 | |