

DESCRIPTION

LOW NOISE AMPLIFIER DESIGNED FOR MILITARY AND INDUSTRIAL APPLICATIONS. THIS AMPLIFIER IS SUPPLIED IN OUR STANDARD PE2 HOUSING THAT CAN BE USED AS AN SMA CONNECTORIZED OR A SURFACE MOUNT COMPONENT. OTHER PACKAGES AND CONNECTOR TYPES ARE AVAILABLE. THIS MODEL PROVIDES THE FOLLOWING PERFORMANCE. DATA IS AVAILABLE UPON REQUEST.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 0.03 to 26.5 GHZ
- GAIN: _____ 15dB Typ
- GAIN FLATNESS: _____ ± 2.0 dB Max
- NOISE FIGURE: _____ 5.5dB Typ
- OP1dB: _____ 16dBm Min
- VSWR (IN/OUT): _____ 2.0:1 Max
- CONNECTORS: _____ SMA (F) REMOVABLE
- DC SUPPLY: _____ +12 to +15VDC @ 230mA
- SIZE _____ (L) 1.08" X (W) 0.71" X (H) 0.29"
EXCLUDING CONNECTORS
- FINISH _____ GOLD PLATED

FEATURES

- INTERNAL VOLTAGE REGULATION
- UNCONDITIONAL STABILITY

AVAILABLE OPTIONS

- VARIOUS PACKAGE TYPES
- VARIOUS CONNECTOR TYPES
- TEMPERATURE COMPENSATION
- HERMETIC SEALING
- GAIN AND PHASE MATHCING
- MIL-STD-883 SCREENING AVAILABLE

ENVIRONMENTAL RATINGS

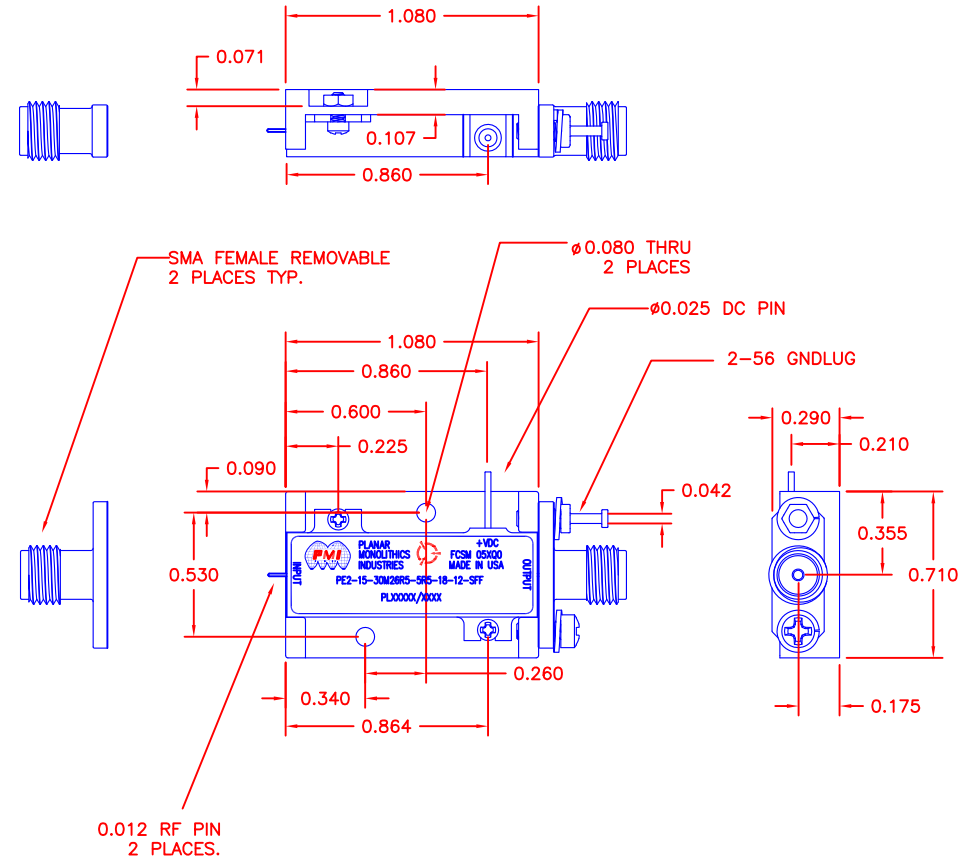
- TEMPERATURE: _____ -20°C TO + 70°C (OPERATING); -55°C TO +85°C Available)
-55°C TO +125°C (STORAGE)
- HUMIDITY: _____ MIL-STD-202F, METHOD 103B COND. B
- SHOCK: _____ MIL-STD-202F, METHOD 213B COND. B
- ALTITUDE: _____ MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: _____ MIL-STD-202F, METHOD 107D COND. A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

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

| REVISIONS | | | | |
|-----------|------|------------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | 1 | ORIGINAL RELEASE | 05/06/15 | |

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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| APPROVALS | | DATE | TITLE | | | |
|-----------------|--|----------|---|----------------|------------------|--------|
| DRAWN <i>VR</i> | | 05/06/15 | PRODUCT FEATURE PE2-15-30M26R5-5R5-18-12-SFF | | | |
| CHECKED | | | SIZE A | FCSM NO. 05XQ0 | DWG NO. 27025472 | REV. 1 |
| ISSUED | | | SCALE N:S | SHEET 1 OF 1 | | |