

DESCRIPTION

PMI Model Number PE2-40/20-9R510R7-2R5-12-12-SFF-VVG is a 9.5 GHz to 10.7 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

This model provides the following performance. Data is available upon request.

SPECIFICATIONS

- FREQUENCY RANGE:.....9.5 TO 10.7 GHz
- GAIN:40 dB Typ (AT FULL GAIN SETTING)
- GAIN CONTROL RANGE:20 dB TYP
- GAIN CONTROL:.....0 TO +5VDC (NON-LINEAR)
- NOISE FIGURE:4dB Typ
(AT FULL GAIN SETTING)
- OP1dB:+12dBm MIN
- VSWR:2.0:1 MAX
- DC POWER:+12V TO +15V
- CONNECTORS:SMA (F)
- FINISH:GOLD PLATED
- SIZE:(L)2.98 X (W)0.78 X (H)0.26

ENVIRONMENTAL RATINGS

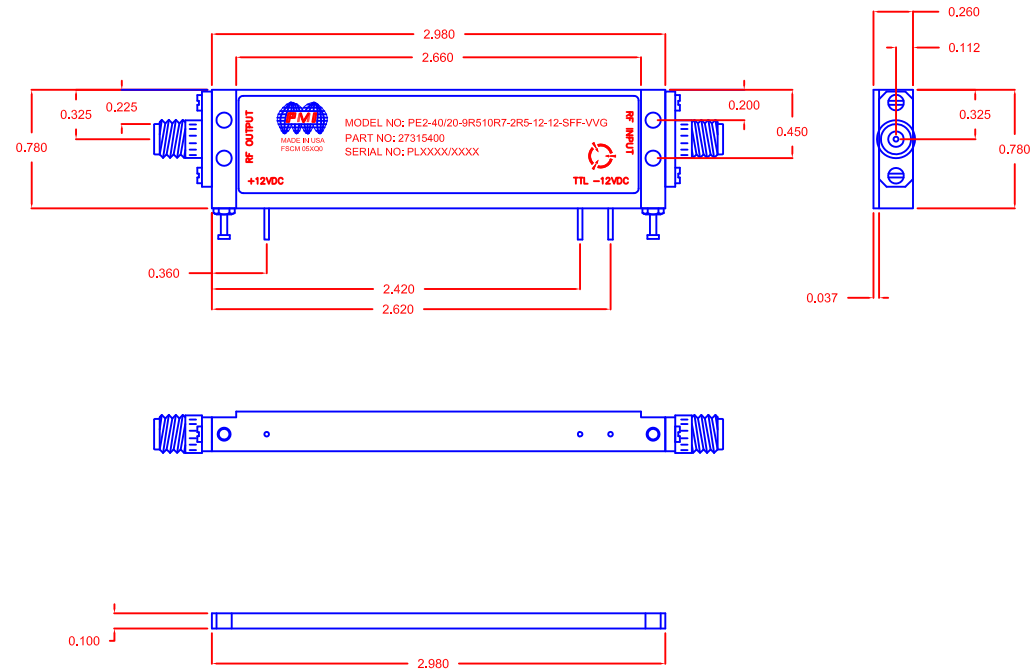
- TEMPERATURE:.....-40°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)
- HUMIDITY:.....MIL-STD-202F, METHOD 103B COND. B
- SHOCK:.....MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:.....MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE:.....MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:.....MIL-STD-202F, METHOD 107

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

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	06/19/02	

MECHANICAL OUTLINE



ISO 9001:2008 CERTIFIED

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PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001:2000 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		06/19/02		PRODUCT FEATURE			
CHECKED				PE2-40/20-9R510R7-2R5-12-12-SFF-VVG			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	27015402	A
				SCALE	N: S	SHEET	1 OF 1