

Description:

Model Number: PEC-4520-218-12-15-SFF-VVG is a Variable Gain Amplifier operating from 2.0GHz to 18.0GHz

Specifications:

Frequency Range: 2.0 to 18.0 GHz
Gain: 45dB Typ
Gain Flatness: +/-1.5 dB Typ
Noise Figure: 4.5 dB Max.
OP1dB: +16 dBm Min.
VSWR Input/Output: 2.0:1 Max.
Attenuation Range: 25 dB Min.
DC Voltage Supply: +15 V
DC Current Draw: 700 mA
Connectors Input Stage: SMA Female
Connectors Mid Stages: SMA Male/Female
Connectors Output Stage: SMA Female
Base Plate Size: (L) 4.49" X (W) 1.71" X (H) 0.53"
Finish: Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability

Environmental Ratings:

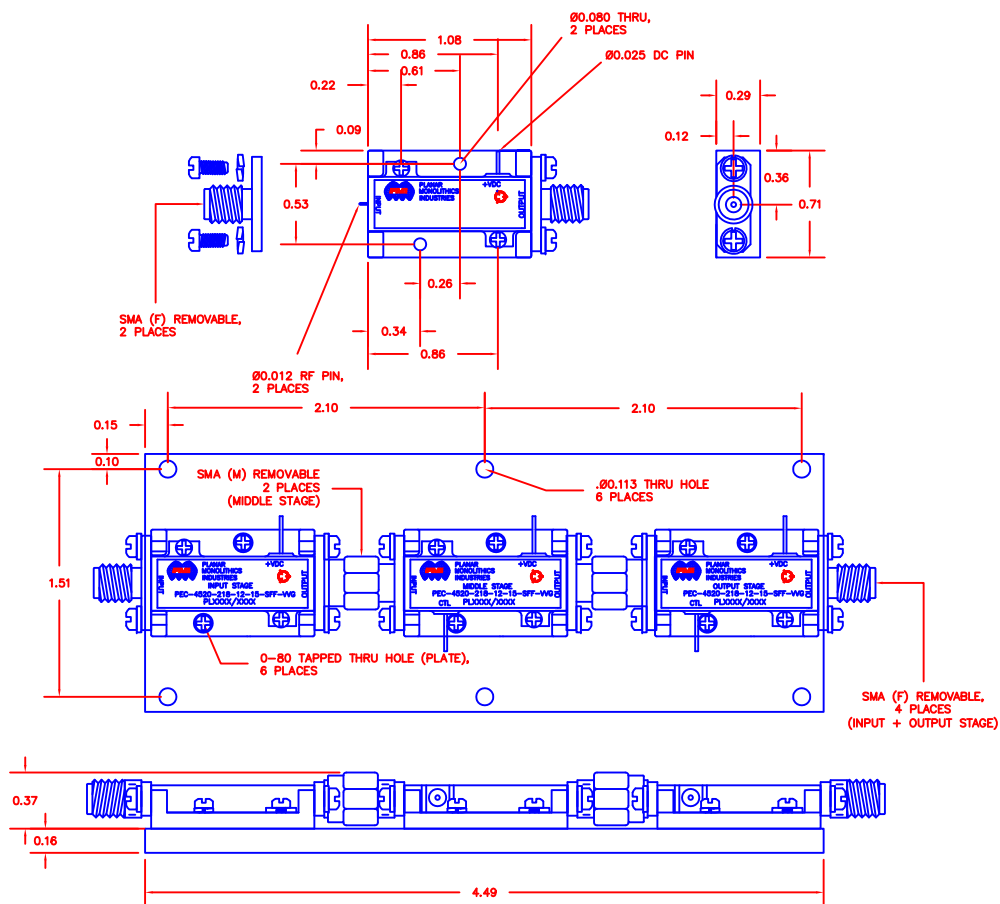
Temperature: -40°C to + 85°C (Operating)
-55°C to +125°C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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
	-	PRELIMINARY	06/24/15	

PE2 HOUSING WITH CARRIER



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	EMF	06/24/15		PRODUCT FEATURE	
CHECKED				PEC-4520-218-12-15-SFF-VVG	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 1	