

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

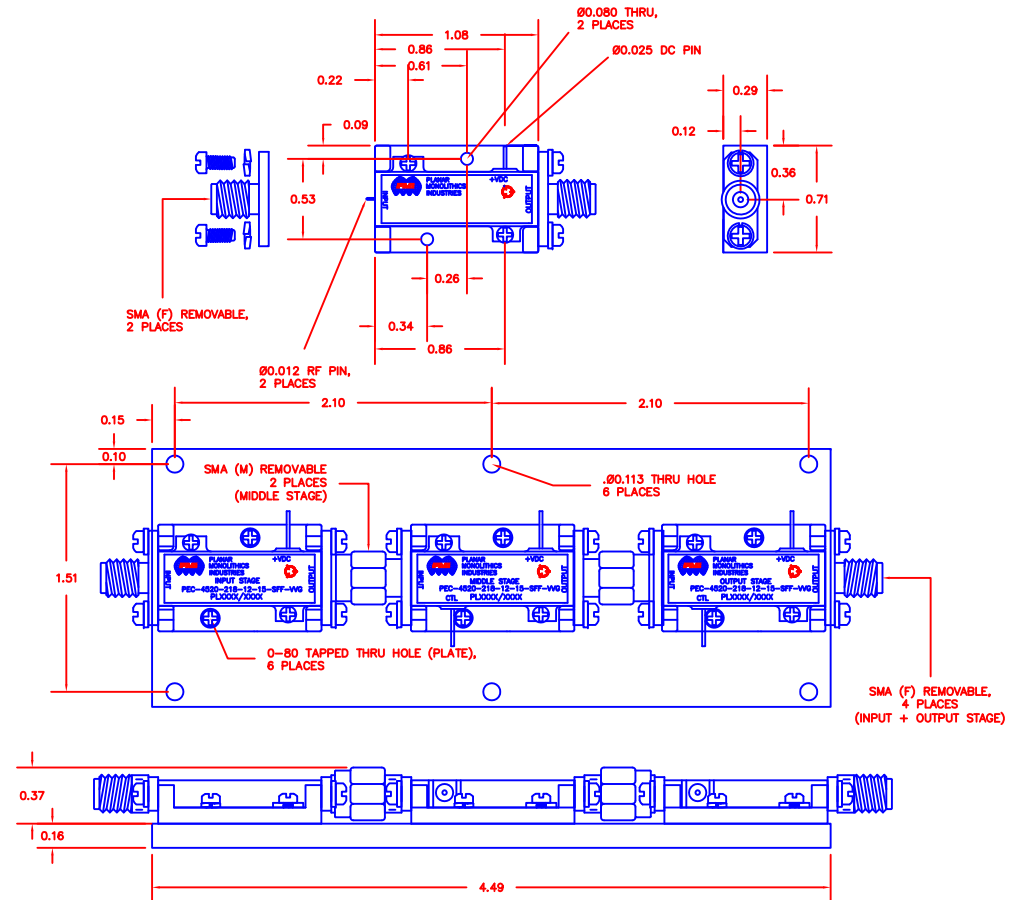
Environmental Ratings:

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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/24/15	

PE2 HOUSING WITH CARRIER



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

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