

Description:

PMI Model Number PEC-35-26R5G40G-24-15-292FF is a 26.5 - 40 GHz medium power amplifier. This amplifier has a gain of 35 dB with ± 3.5 dB flatness. This model provides the following performance.

Specifications:

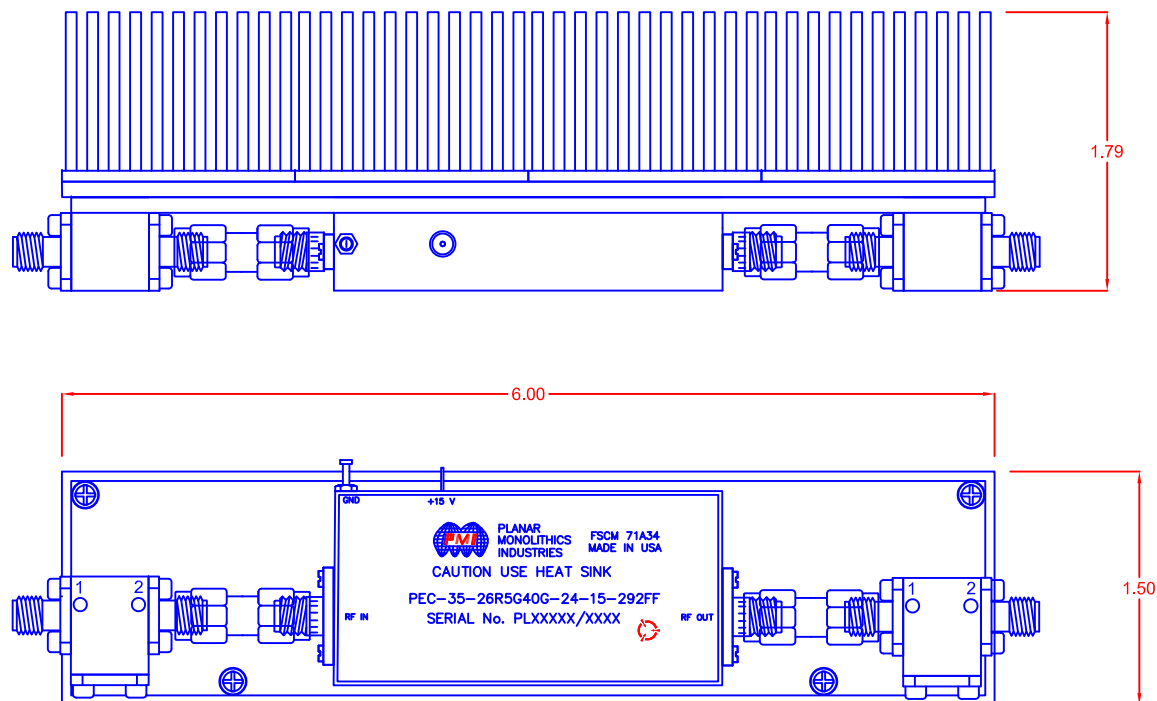
Frequency Range: 26.5 to 40 GHz
Gain: 35 dB Typ. Without Isolators
Gain Flatness: ± 3.5 dB Typ.
OP1dB: +24 dBm Typ. Without Isolators
VSWR: 2.5:1 Max. (Input)
DC Voltage Supply: +15 VDC Max.
DC Current Draw: 5000 mA Max.
Connectors: 2.92mm Female
Size: 2.5" x 1.25" x 0.5"
Finish, Amplifier: Gold Plated

Environmental Ratings:

Temperature: -55 °C to +65 °C (Operating)
..... -65 °C to +100 °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 may change over temperature.

Note: The above specifications are subject to change or revision.



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE	TITLE			
DRAWN	<i>JS</i>	11/9/15	OUTLINE DRAWING			
CHECKED	<i>afk</i>	11/19/15	PEC-35-26R5G40G-24-15-292FF			
ISSUED			SIZE	FSCM NO.	OWG NO.	REV.
			A	71A34	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1