

Description:

PMI Model Number PEC-26-10G40G-20-12-292FF is a 10 - 40 GHz low noise amplifier. This amplifier has a gain of 26 dB with +/- 2.5 dB flatness. This model provides the following performance.

Specifications:

Frequency Range:----- 10 to 40 GHz
Gain:----- 26 dB Typ.
Gain Flatness:----- +/- 2.5 dB Typ.
Noise Figure:----- 5.5 dB Max.(*)
OP1dB:----- +19 dBm TYP (10 TO 18.0 GHz)
+17 dBm TYP (18.0 TO 40.0 GHz)
PSAT:----- +23 dBm TYP (10 TO 18.0 GHz)
+20 dBm TYP (18.0 TO 40.0 GHz)
Max. CW RF Input:----- +17 dBm CW
VSWR: ----- 2.0:1 Max. (Input)
2.5:1 Max. (Output)
DC Voltage Supply:----- +12 to +15 VDC
DC Current Draw:----- 400 mA Typ.
Connectors:----- 2.92mm Female
Size:----- 1.37" x 1.0" x 0.6"
Finish:----- Blue Painted
(*) Up to 20 GHz

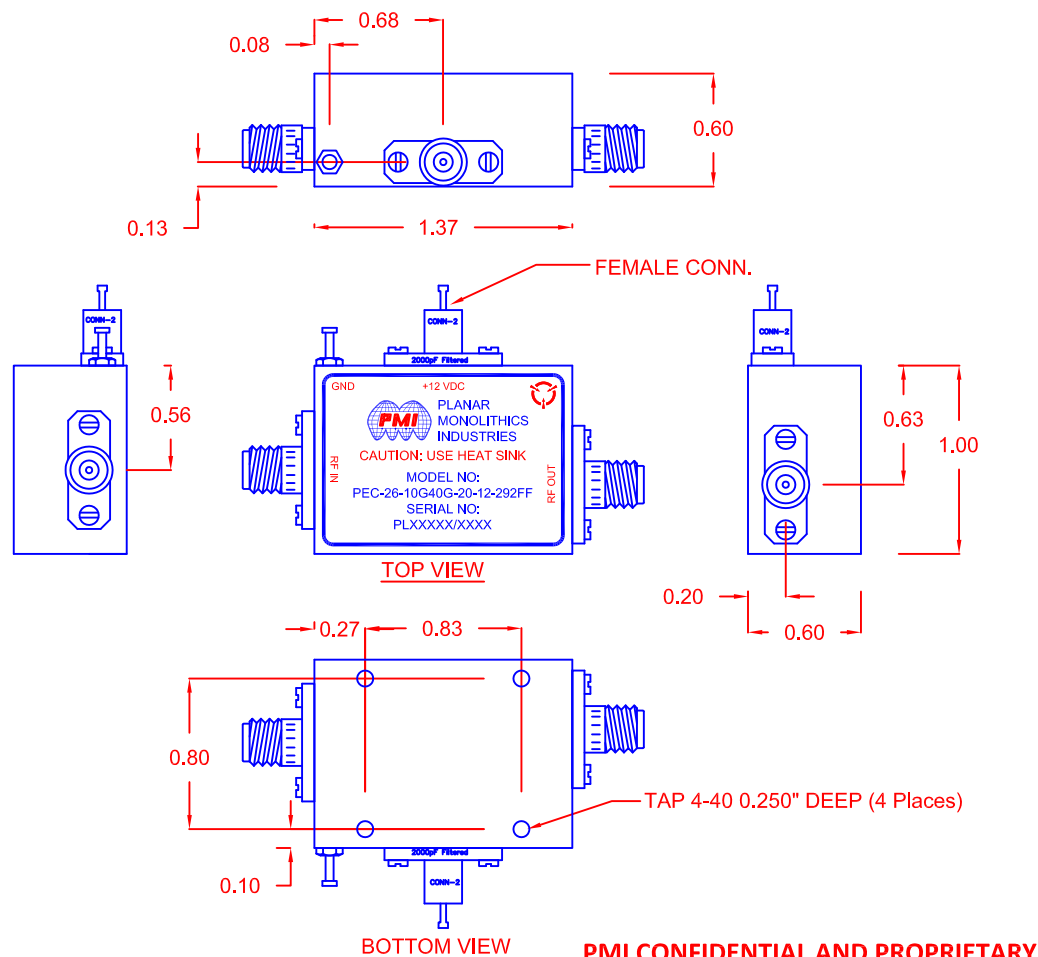
Environmental Ratings:

Temperature: -55 °C to +85 °C (Operating)
-65 °C to +117 °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.

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	06/15/17	
	A1	ECN # 17-0230	10/05/17	



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APPROVALS		DATE	TITLE			
DRAWN		11/9/15	OUTLINE DRAWING			
REDRAW		06/15/17	PEC-26-10G40G-20-12-292FF			
ISSUED			SIZE	FSCM NO.	OWG NO.	REV.
			A	05XQ0	27032741	A1
			SCALE	N:S	SHEET	1 OF 1