

Description:

PMI Model Number: PEC2-60-4G8G-1R75-14-12-SFF is a 4 to 8 GHz low noise amplifier. This amplifier can be used as a SMA connectorized or a surface mount component.

Specifications:

Frequency Range:	4 to 8 GHz
Gain:	60dB Typ
Gain Flatness:	± 1.25 dB Max
Noise Figure:	1.75dB Max
OP1dB:	+14dBm Min
VSWR Input/Output:	2.0:1 Max
DC Supply:	+12VDC TO +15VDC @ 350mA Nominal
Connectors In/Out:	SMA (F) Removable
Finish:	Gold Plated

Features:

Internal Voltage Regulation

Unconditional Stability

Available Options:

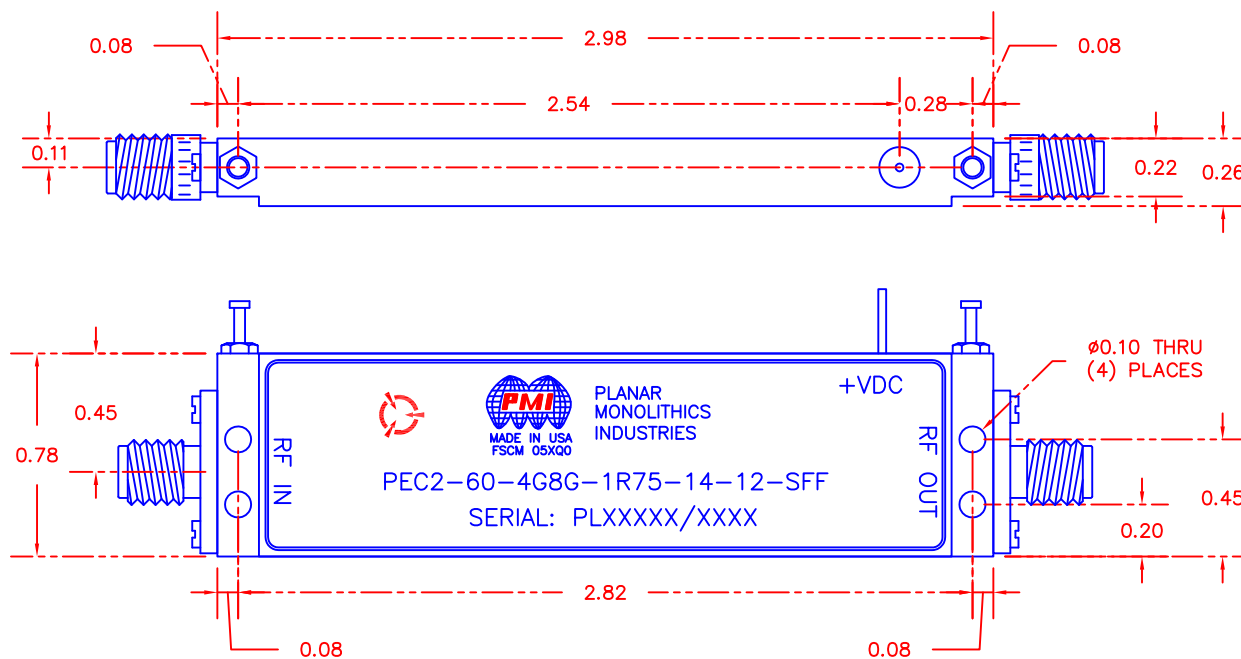
- Various Package types
- Various Connector types
- Temperature Compensation
- Gain and Phase Matching
- MIL-STD-883 Screening Available

Environmental Ratings:

Temperature: -54°C to + 95°C (Operating)
 -65°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
	A	ORIGINAL RELEASE	11/16/12	



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		TITLE			
APPROVALS	DATE	PRODUCT FEATURE			
DRAWN <i>afk</i>	11/16/12	PEC2-60-4G8G-1R75-14-12-SFF			
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. 27017961	REV A
ISSUED		SCALE N:S			SHEET 1 OF 1