

Part Number 27317940 (Model Number PE2-30-0R56R0-5R0-22-12-SFF) is a 0.5 to 6.0 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	0.5 to 6.0 GHz
Gain:	30dB Typ.
Gain Flatness:	+/- 1.0dB Max.
Noise Figure:	5.0dB Typ.
OP1dB:	+22dBm Typ. +21dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	325mA Nom.
Connectors In/Out:	SMA Female
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

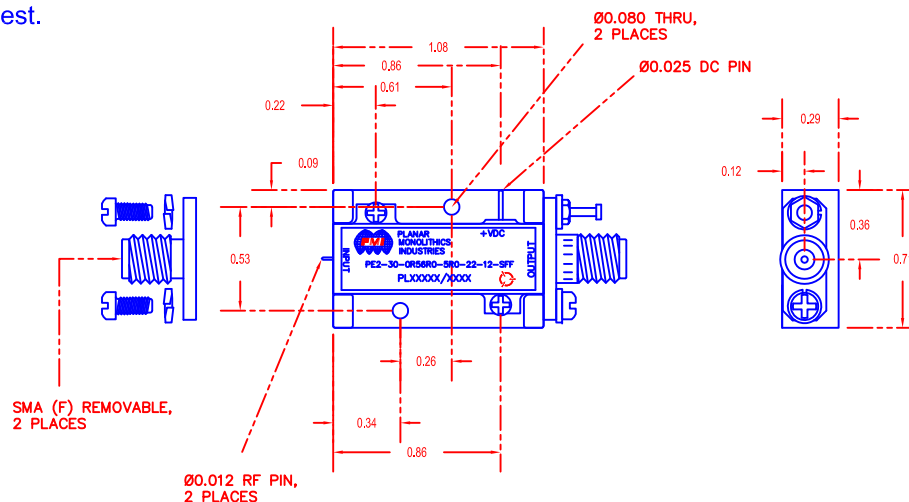
Environmental Ratings:

Temperature: -55°C to +85°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

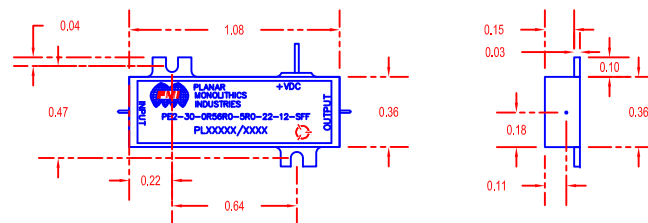
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	11/20/12	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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ISO 9001:2008 CERTIFIED

		TITLE		PE2 Series Amplifier PE2-30-0R56R0-5R0-22-12-SFF			
APPROVALS	DATE						
DRAWN ZIR	11/20/12						
CHECKED							
ISSUED		SIZE A	FSGM NO. 05XQ0	DWG NO. 27017941	REV A		
		SCALE N: S				SHEET 1 OF 1	