

Description:

Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housing can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

Specifications:

Frequency Range:500MHz to 20GHz
Gain:+14dB Typ.
Gain Flatness: ± 1.75 dB Typ.
VSWR Input/Output:2.0:1 Max.
Noise Figure:3.0dB Typ.
OP1dB:+12dBm Min.
.....+14dBm Typ.
DC Voltage Supply:+12 to +15VDC
DC Current Draw:75mA Typ.
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:

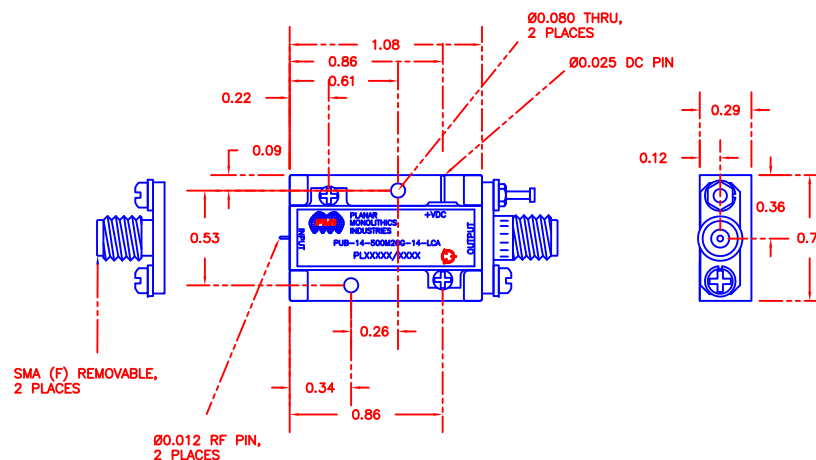
Temperature:-54°C +95°C (Operating)
.....-65°C to +125°C (Storage)
Humidity:MIL-STD-202F, METHOD 103B COND B.
Shock:MIL-STD-202F, METHOD 213B COND B.
Altitude:MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:MIL-STD-202F, METHOD 107D COND A

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

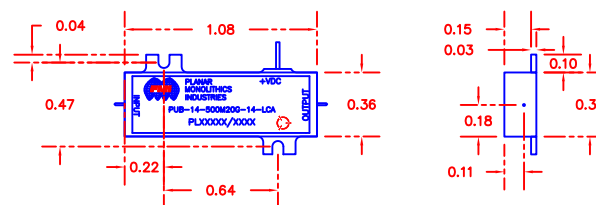
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.010
X.XXX ± 0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	06/20/12	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	yfk	06/20/12		PRODUCT FEATURE	
CHECKED				PUB-14-500M20G-14-LCA	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PUB-14-500M20G-14-LCA	
SCALE		N:S		SHEET	
				1 OF 1	