

Description:

500MHz to 8.0GHz Active Limiter Meeting The Following Specifications:

Specifications:

Frequency: 0.5 to 8.0 GHz
Insertion Loss: 2 dB Max.
Max. Input Power: +33 dBm CW
Output Leakage Power: +5 dBm Max.
VSWR: 2.0:1 Max.
Noise Figure: 4 dB Typ., 6 dB Max.
Under Linear Condition (Non Limiting)
DC Supply: +12 to +15 V @ 180 mA Typ.
Connectors: SMA(F)
Finish: Gold Plated

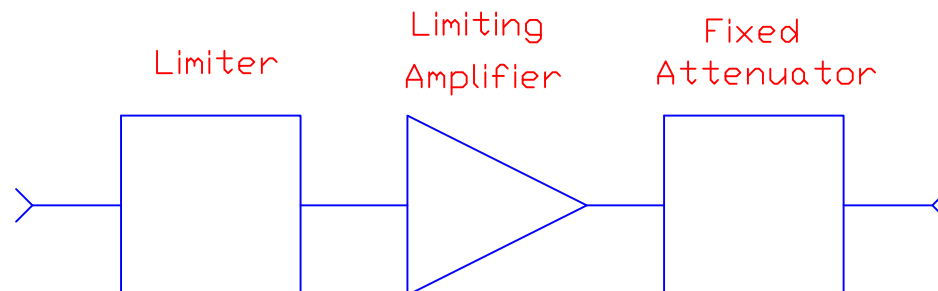
Environmental Ratings:

Temperature: -55 to +85 Deg. C (Operating)
-55 to +125 Deg. 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

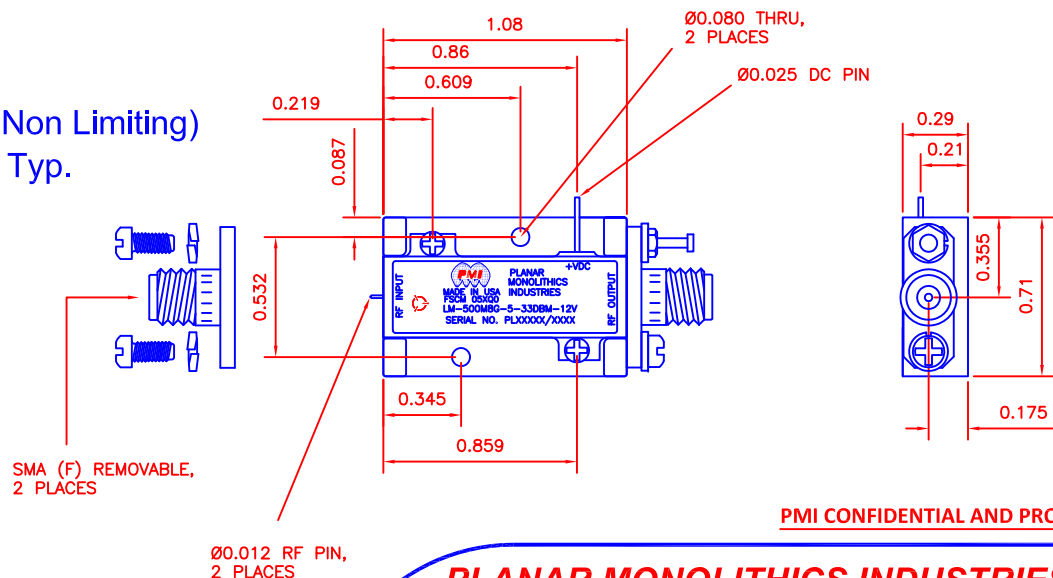
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	3/13/18	

FUNCTIONAL BLOCK DIAGRAM



MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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 CERTIFIED



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

APPROVALS		DATE	TITLE				REV.
DRAWN <i>KLM</i>		8/23/13	PRODUCT FEATURE LM-500M8G-5-33DBM-12V				A1
REDRAWN NJA		3/14/18					
ISSUED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27034462		
			SCALE N:S		SHEET 1	OF 1	