

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/18/18	

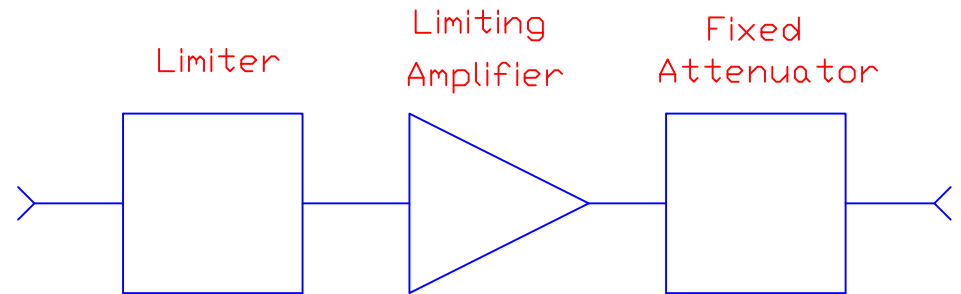
Description:

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

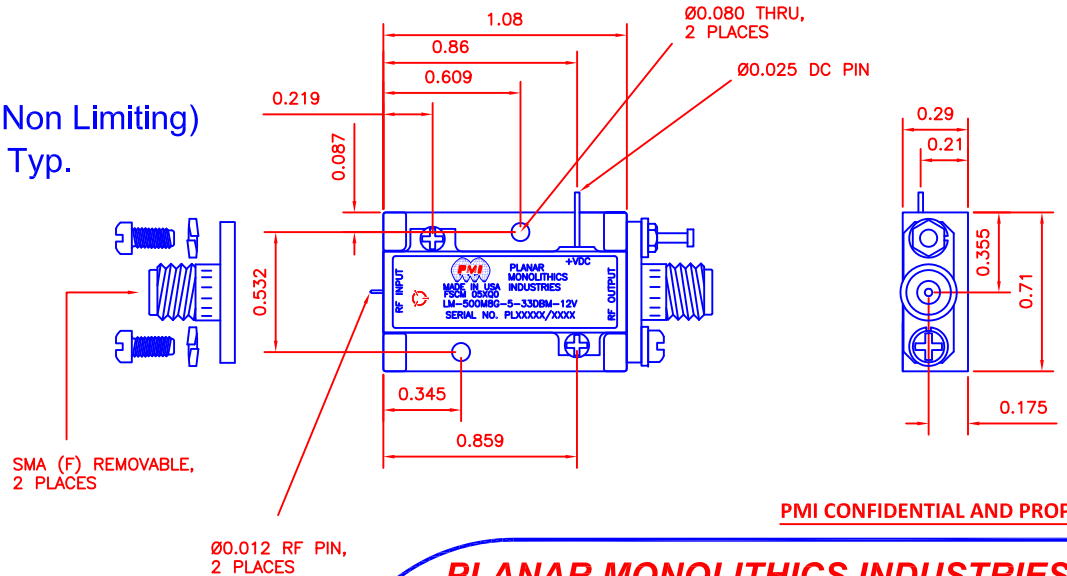
Specifications:

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

FUNCTIONAL BLOCK DIAGRAM



MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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.

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

APPROVALS		DATE	TITLE			
DRAWN <i>K.M.</i>		8/28/18	PRODUCT FEATURE			
REDRAWN NJA		3/14/18	LM-500M8G-5-33DBM-12V			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27034462	A1
			SCALE	SHEET		1 OF 1
			N:S			