

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	8/29/18	
A1		ECN # 13-0220	12/04/18	

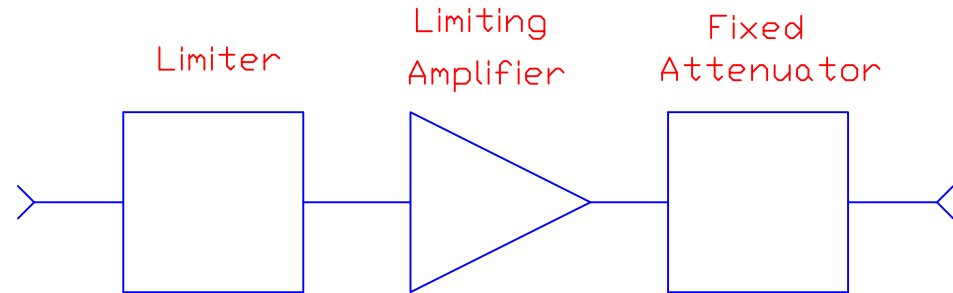
## Description:

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

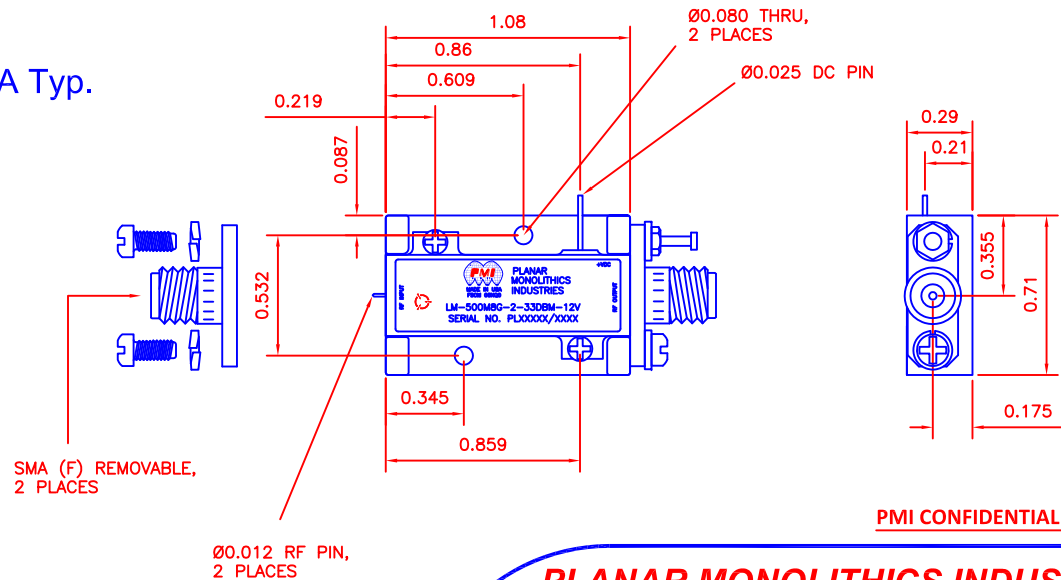
## Specifications:

Frequency: \_\_\_\_\_ 0.5 to 8.0 GHz  
 Insertion Loss: \_\_\_\_\_ 2dB Max.  
 Max. Input Power: \_\_\_\_\_ +33dBm CW  
 Output Leakage Power: \_\_\_\_\_ +2.3dBm Max.  
 VSWR: \_\_\_\_\_ 2.0:1 Max.  
 DC Supply: \_\_\_\_\_ +12VDC @ 180mA Typ.  
 Connectors: \_\_\_\_\_ SMA(F)

## 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.

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

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>KM</i>		8/29/18	PRODUCT FEATURE LM-500M8G-2-33DBM-12V			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27021141	A1
			SCALE	N:S	SHEET	1 OF 1