

## DESCRIPTION

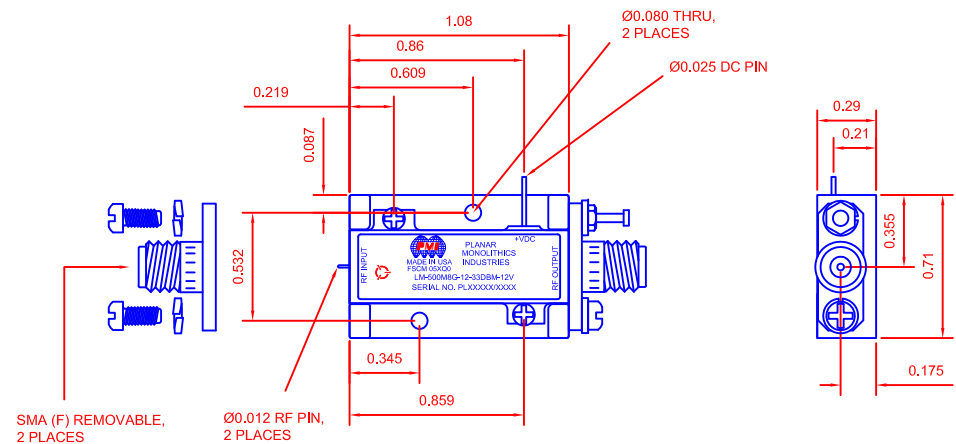
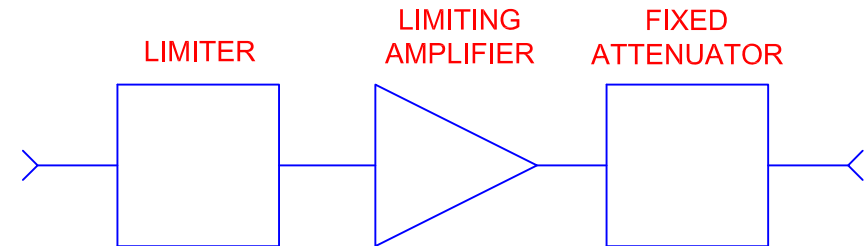
PMI MODEL: LM-500M8G-12-33DBM-12V IS AN ACTIVE LIMITER OPERATING FROM 500 MHz TO 8.0 GHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	12/22/15	JSP
	A1	ECN # 16-0192	12/07/16	

## SPECIFICATIONS

- FREQUENCY RANGE: ----- 0.5 TO 8.0 GHz
- INSERTION LOSS: ----- 2 dB MAXIMUM
- MAXIMUM INPUT POWER: ----- +33 dBm CW
- OUTPUT LEAKAGE POWER: ----- +12.3 dBm MAXIMUM
- VSWR: ----- 2.0:1 MAXIMUM
- DC SUPPLY: ----- +12 VDC @ 180 mA TYPICAL
- CONNECTORS: ----- SMA FEMALE

## MECHANICAL OUTLINE



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)  
----- -55 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

**PMI CONFIDENTIAL AND PROPRIETARY**

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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>M. Berry</i>		11/19/15	PRODUCT FEATURE LM-500M8G-12-33DBM-12V		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27029031
ISSUED			SCALE N:S		REV. A1
					SHEET 1 OF 1