

Description:

8.0 to 18.0GHz Active Limiter Meeting The Following Specifications:

Specifications:

Frequency: 8.0 to 18.0 GHz
Insertion Loss: 2dB Max.
Max. Input Power: +33dBm CW
Output Leakage Power: +7.1dBm Max.
VSWR: 2.0:1 Max.
DC Supply: +12VDC @ 100mA Max.
Connectors: SMA(F)

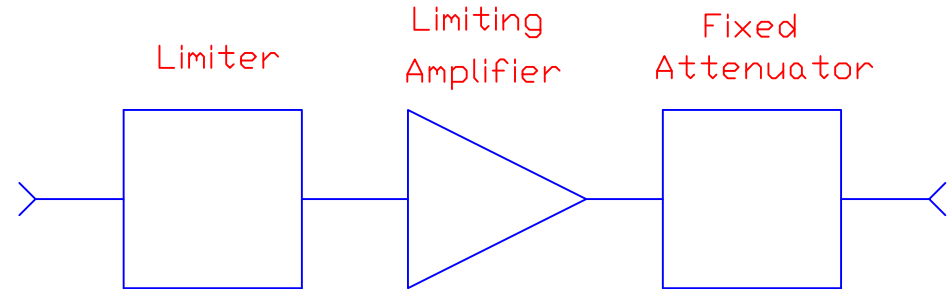
Environmental Ratings:

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

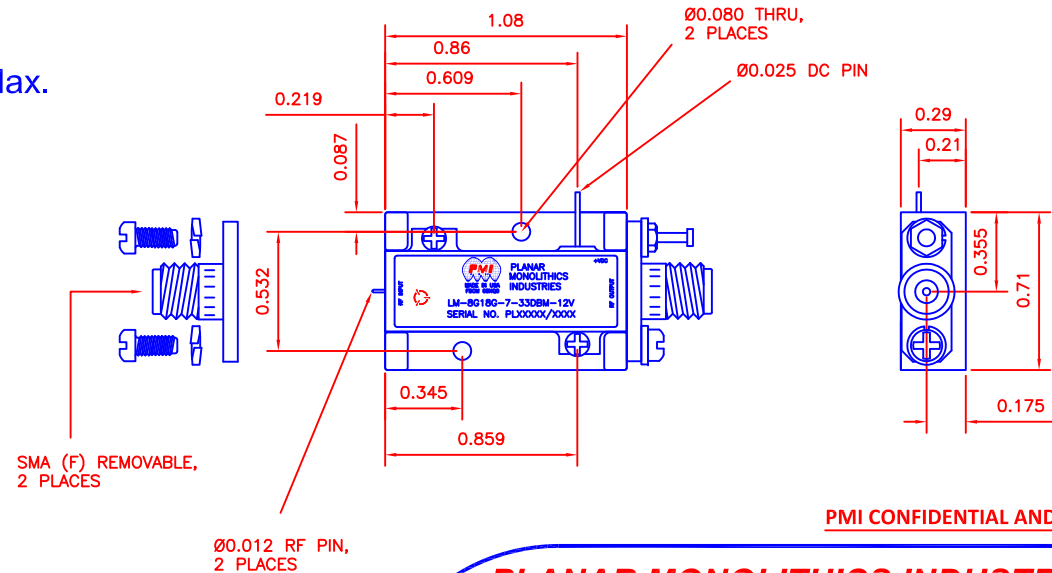
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	08/29/18	
	A1	ORIGINAL RELEASE	12/05/18	

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			
DRAWN		8/29/18		PRODUCT FEATURE			
CHECKED				LM-8G18G-7-33DBM-12V			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	27021161	A1
				SCALE	N:S	SHEET	1 OF 1