

Description:

PMI Model No. PEC2-2G18G-21DBM-LM-SFF-OPT818 is a 8.0 to 18.0 GHz limiting amplifier that provides a limited output power level of +10dBm Minimum for an Input power range of -45 to +10dBm CW. This model has output power level versus frequency compensation such that the limited output power has a flat frequency response. Supplied in a small housing only 2.98" X 0.78" X 0.26"

This model provides the following performance.

Specifications:

- Frequency Range:
- Gain:
- Input Power:
- Saturated Output Power:
- VSWR Input/Output:
- Maximum RF Input Power:
- DC Voltage Supply:
- DC Current Draw:
- Connectors:
- Operating Temperature:
- Finish:
- 8.0 to 18.0 GHz
- 60 dB minimum
- 45 to +10dBm CW
- +10 dBm Minimum
- 2.0:1 Max.
- +17 dBm CW
- +15 VDC *
- 700 mA Max.
- SMA(F)
- 20 to +70 Deg. C
- Gold Plated

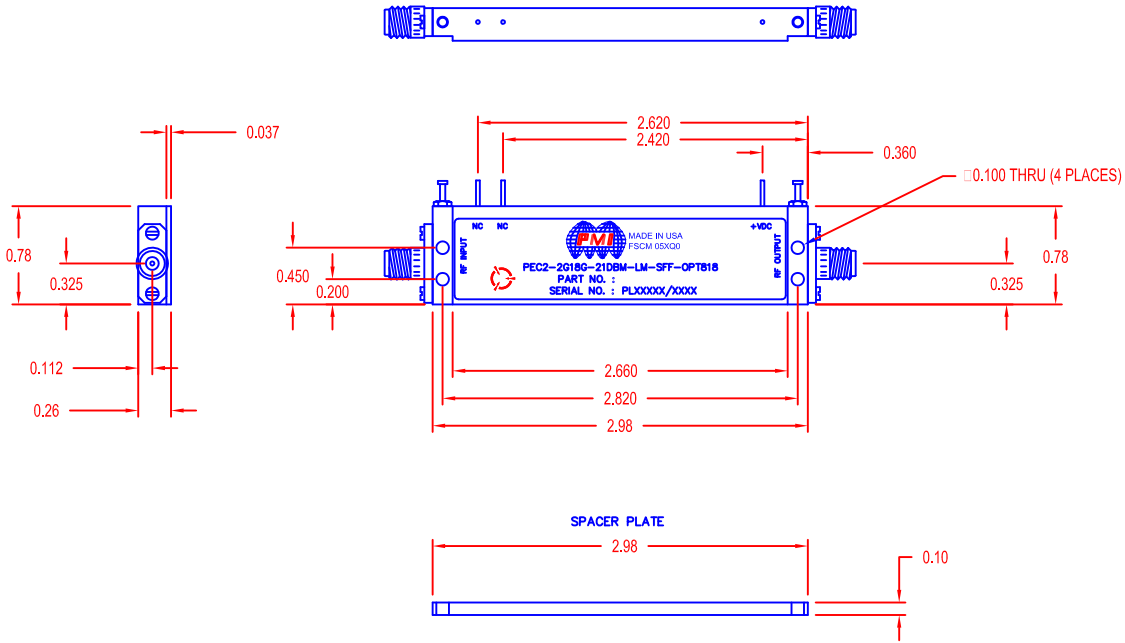
* (Including Reverse Polarity Protection and over voltage protection up to +/-25VDC)

Environmental Ratings:

- Temperature:
- Humidity:
- Shock:
- Altitude:
- Temperature Cycle:
- EMI/EMC:
- 20 to +70 Deg. C (Operating)
- 30 to +70 Deg. C (Storage)
- MIL-STD-202F, METHOD 103B COND B.
- MIL-STD-202F, METHOD 213B COND B.
- MIL-STD-202F, METHOD 105C COND B.
- MIL-STD-202F, METHOD 107D COND A
- Designed to meet MIL-STD-461E


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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
		PRELIMINARY	7/14/16



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

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		 PRODUCT FEATURE PEC2-2G18G-21DBM-LM-SFF-OPT818			
DATE					
TITLE					
DRAWN					
CHECKED					
ISSUED		SIZE FROM NO. DWG NO. REV.			
B		05XQ0 PRELIMINARY -			
SCALE N/S		SHEET 1 OF 1			