

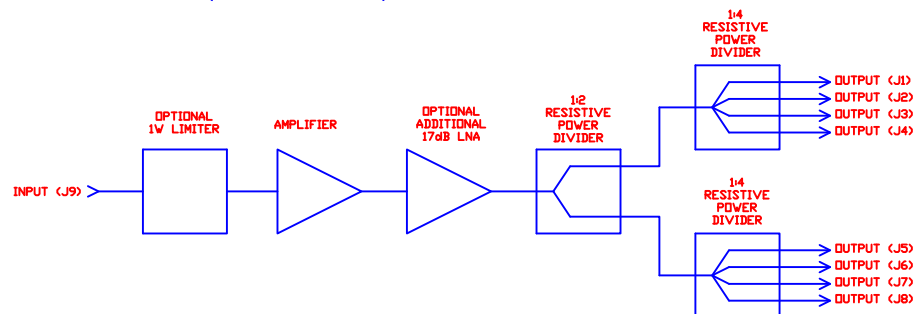
DESCRIPTION

PMI MODEL: APD-8-30M6G-SFF IS AN 8 WAY AMPLIFIED POWER DIVIDER MODULE, WITH THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE: 30 MHz TO 6.0 GHz
- OUTPUTS (J1-J8) TO INPUT (J9) ISOLATION: 32dB MINIMUM
36dB NOMINAL
- INSERTION LOSS: 4dB MINIMUM
6dB NOMINAL
8dB MAXIMUM
- INSERTION LOSS FLATNESS: ± 1 dB TYPICAL
- NOISE FIGURE: 6.5dB TYPICAL
- VSWR (IN/OUT): 2.0:1 MAX
- INPUT P1dB: -2.5dBm TYPICAL
- POWER RATING: +10dBm MAXIMUM*
- CONNECTORS IN/OUT: SMA FEMALE CONNECTORS
- DC VOLTAGE: +12 TO +15 VDC @ 100mA NOMINAL
- FINISH: BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

* NOTE: +24dBm (5 MINUTES MAX)

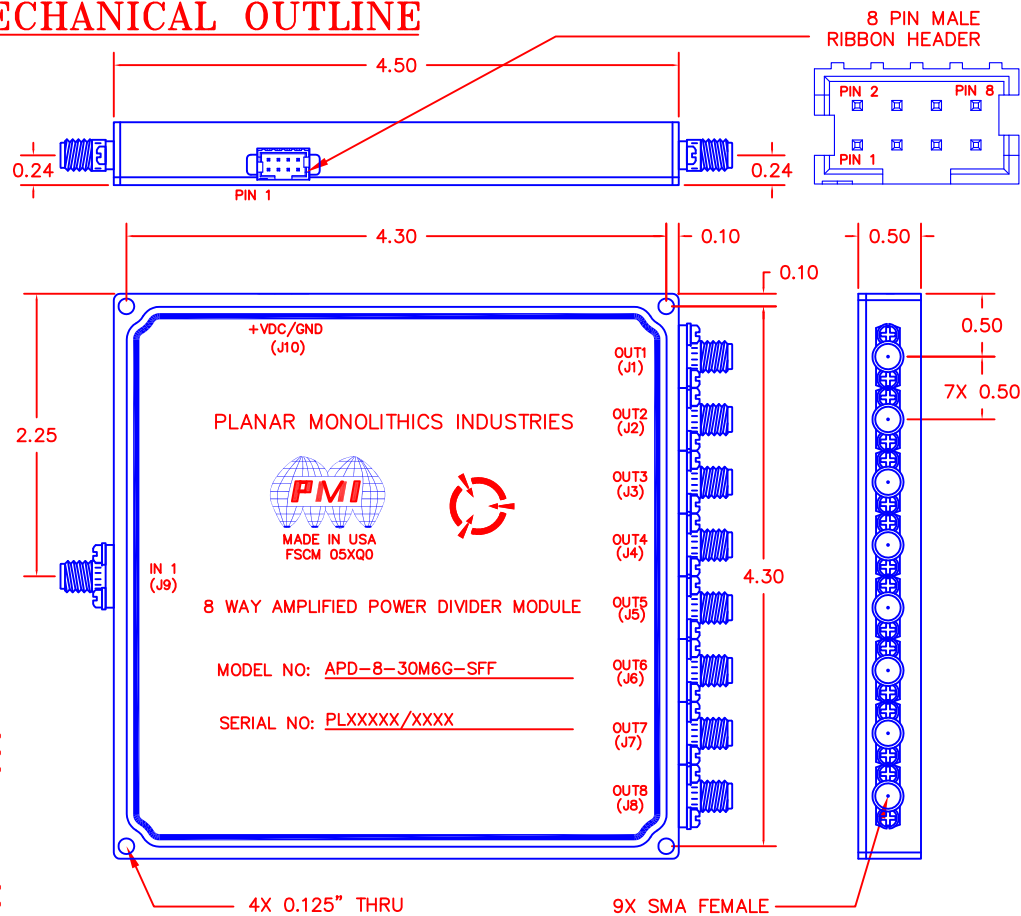


ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-55°C TO +100°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

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

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

J10 PIN OUT TABLE	
PIN	FUNCTION
1	+VDC
2	GND
3	+VDC
4	GND
5	+VDC
6	GND
7	+VDC
8	GND

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		M. Berry		09/04/15	
CHECKED					
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27024395	
SCALE		N: S		SHEET	
				1 OF 1	

PRODUCT FEATURE
RF MODULE, 8 WAY AMPLIFIED POWER DIVIDER MODULE
APD-8-30M6G-SFF

REV.
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