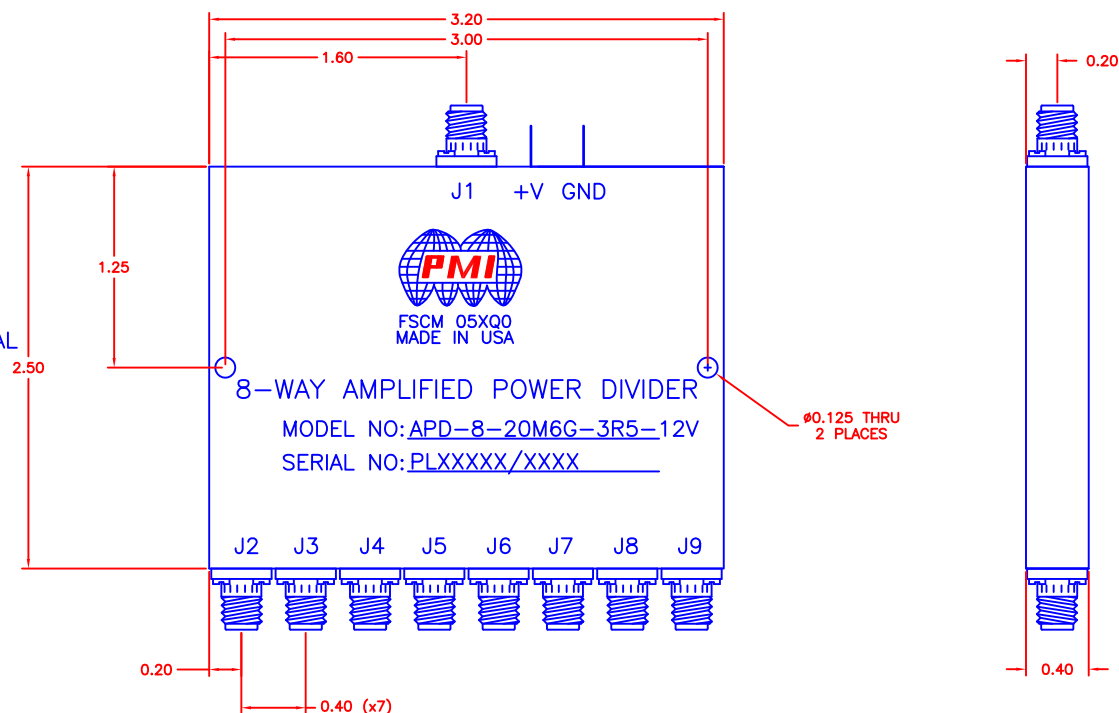


DESCRIPTION

PMI MODEL APD-8-20M6G-3R5-12V-SFF IS A 20 MHz to 6.0 GHz, 8-WAY, AMPLIFIED POWER DIVIDER HAVING A GAIN OF 3.5 dB TYPICAL. THE SIZE IS 3.2" x 2.5" x 0.40".

SPECIFICATIONS

- FREQUENCY RANGE: 20 MHz to 6.0 GHz
- GAIN: 3.5 dB TYPICAL
- VSWR: 2.0:1 MAXIMUM
- IMPEDANCE: 50 OHMS
- POWER HANDLING: INPUT P1dB -12 dBm TYPICAL
- SURVIVAL: 2 WATTS
- NOISE FIGURE: 7.5dB TYPICAL
- POWER SUPPLY: +8 to +12VDC @ 150mA TYPICAL
- SIZE: 3.2" x 2.5" x 0.40"
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°C (OPERATING)
..... -65°C TO +125°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

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

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-631-1579 FAX: 301-662-2029
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



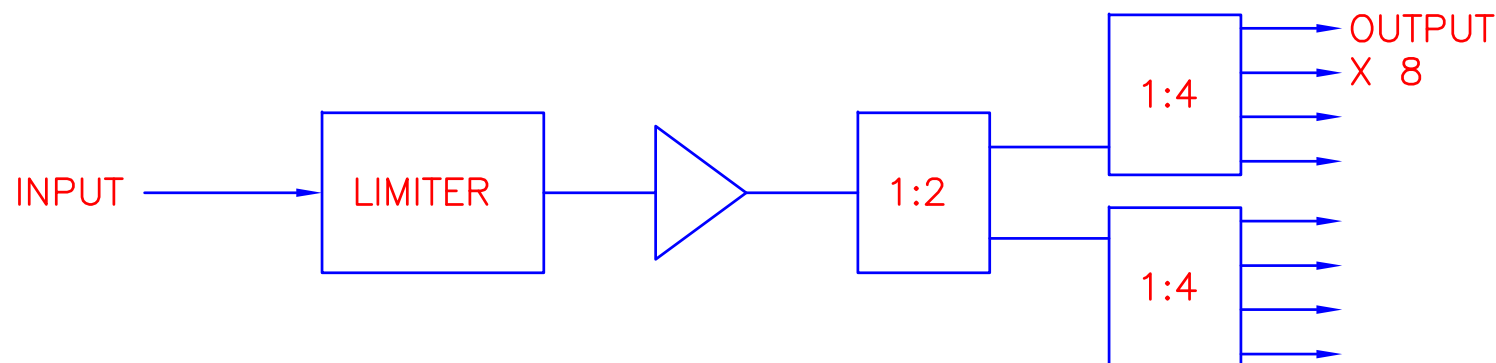
APPROVALS		DATE		TITLE	
DRAWN		DATE		PRODUCT FEATURE	
REDRAWN		DATE		APD-8-20M6G-3R5-12V-SFF	
ISSUED		DATE		20MHz to 6GHz, AMPLIFIED POWER DIVIDER	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 2	

DESCRIPTION

PMI MODEL APD-8-20M6G-3R5-12V-SFF IS A 20 MHz to 6.0 GHz, 8-WAY, AMPLIFIED POWER DIVIDER HAVING A GAIN OF 3.5 dB TYPICAL. THE SIZE IS 3.2" x 2.5" x 0.40".

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/21/14	

BLOCK DIAGRAM



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APPROVALS		DATE		TITLE	
DRAWN	PDW	11/21/14		PRODUCT FEATURE	
REDRAWN				APD-8-20M6G-3R5-12V-SFF	
ISSUED				20MHz to 6GHz, AMPLIFIED POWER DIVIDER	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				2 OF 2	