

DESCRIPTION

PMI MODEL APD-8-8G12D4G-SFF IS A 8.0 TO 12.4 GHz, 8-WAY, IN-PHASE POWER DIVIDER HAVING AN INSERTION LOSS OF 1.3 dB MAXIMUM WITH A MINIMUM ISOLATION OF 17dB. THE SIZE IS 3.2" x 2.5" x 0.39".

SPECIFICATIONS

- FREQUENCY RANGE: 8.0 TO 12.4 GHz
- INSERTION LOSS: 1.3 dB MAXIMUM
- VSWR: 1.6:1 MAXIMUM
- IMPEDANCE: 50 OHMS
- ISOLATION: 17.0 dB MINIMUM
- AMPLITUDE BALANCE: 0.7 dB MAXIMUM
- PHASE BALANCE: 9.0° MAXIMUM
- POWER HANDLING:
 - FORWARD 10 WATTS MAXIMUM
 - REVERSE 1 WATT MAXIMUM
- SIZE: 3.2" x 2.5" x 0.39"
- FINISH: PAINTED BLUE

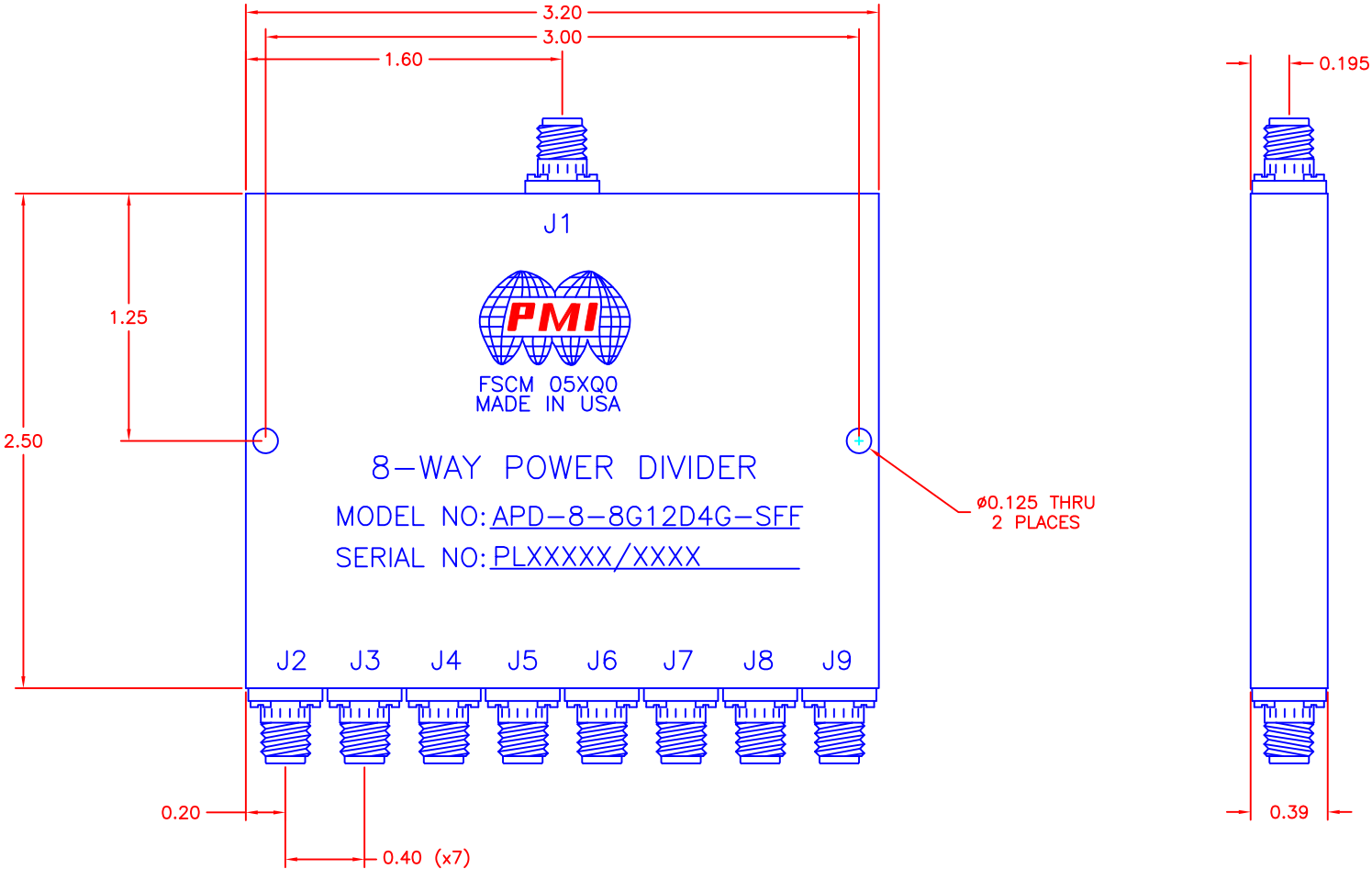
ENVIRONMENTAL RATINGS

- 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	5/26/14	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		5/26/14		PRODUCT FEATURE			
REDRAWN				APD-8-8G12D4G-SFF			
ISSUED				8 TO 12.4 GHz, 8-WAY POWER DIVIDER			
				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XSQ0	PRELIMINARY	—
				SCALE	N:S	SHEET	1 OF 3