

DESCRIPTION

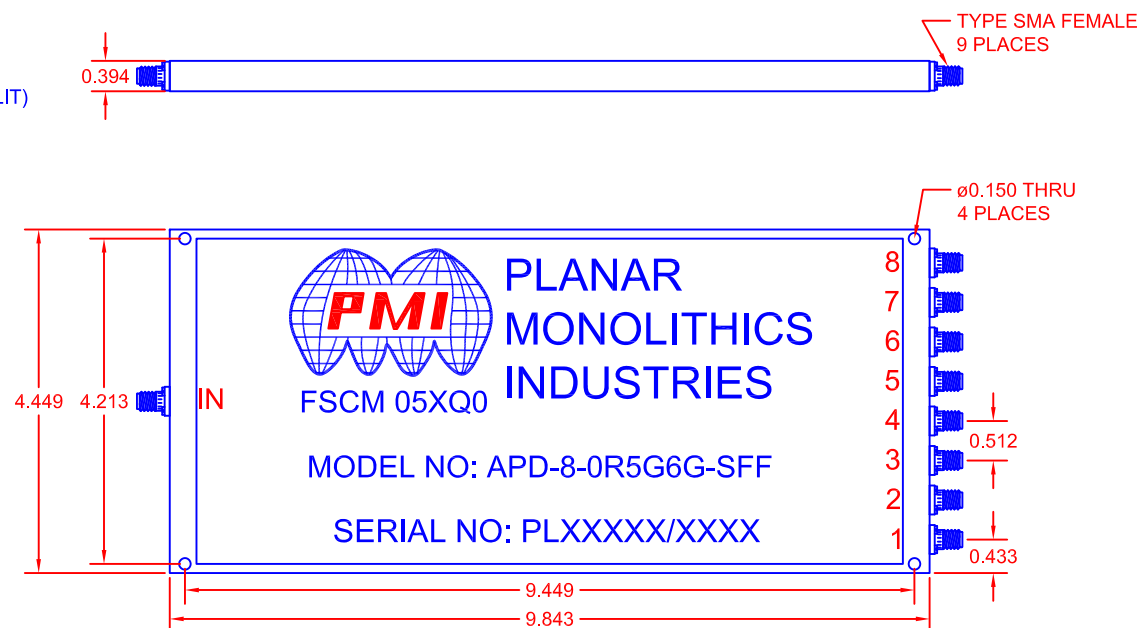
PMI MODEL NO. APD-8-0R5G6G-SFF IS A 8-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 0.5 TO 6.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 2.5 dB (ABOVE 9.03 dB SPLIT) AND A MINIMUM ISOLATION OF 16 dB. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	3/1/2019	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 6.0 GHz
- INSERTION LOSS: 2.5 dB MAX (ABOVE 9.03 dB SPLIT)
- VSWR INPUT: 1.60:1 MAX
- VSWR OUTPUT: 1.40:1 MAX
- ISOLATION: 16 dB MIN
- AMPLITUDE BALANCE: ± 0.5 dB MAX
- PHASE BALANCE: $\pm 8^\circ$ MAX
- POWER HANDLING: FORWARD: 35 WATTS MAX
REVERSED: 2 WATTS MAX
- IMPEDANCE: 50 OHMS
- PORT CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: UP TO 95%, NON-CONDENSING
- SHOCK: MIL-STD-202, METHOD 213B COND. B
- VIBRATION: MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202, 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 [mm]
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE APD-8-0R5G6G-SFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	3/1/19					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -	
ISSUED		SCALE N:S		SHEET 1 OF 1		