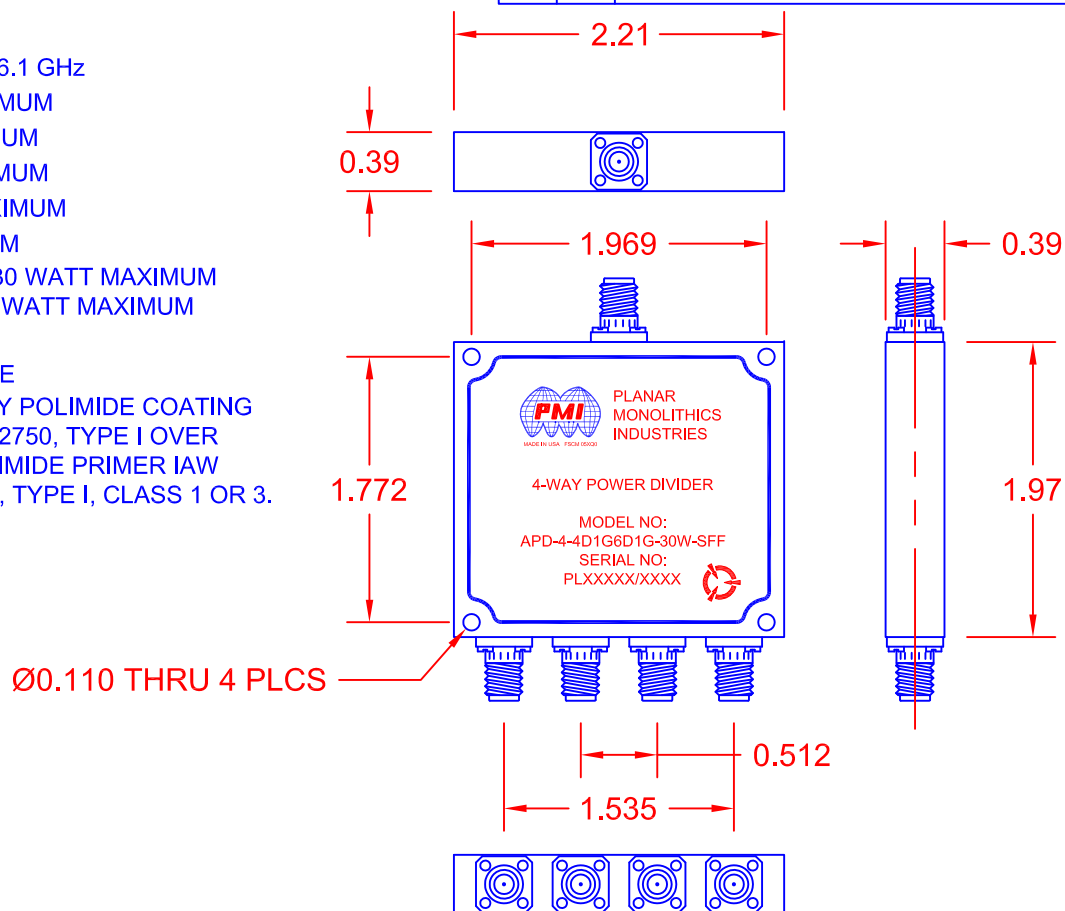


DESCRIPTION

PMI MODEL NO: APD-4-4D1G6D1G-30W-SFF IS A 4-WAY POWER DIVIDER OPERATING BETWEEN THE RANGE OF 4.1 GHz TO 6.1 GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 4.1 GHz TO 6.1 GHz
- INSERTION LOSS: 0.8 dB MAXIMUM
- ISOLATION: 20 dB MINIMUM
- VSWR: 1.30:1 MAXIMUM
- AMPLITUDE BALANCE: ± 0.3 dB MAXIMUM
- PHASE BALANCE: $\pm 3^\circ$ MAXIMUM
- POWER HANDLING: FORWARD 30 WATT MAXIMUM
REVERSE 1 WATT MAXIMUM
- IMPEDANCE: 50 Ω
- PORT CONNECTORS: SMA FEMALE
- 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.



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: 5 TO 95% NON-CONDENSING
- SHOCK: 5 TO 20 Hz, 0.000298 g²/Hz
20 TO 150 Hz, -6 dB/oct, 15 min, 0.1gRMS
- AIR PRESSURE: 70 TO 106 kPa

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	10/19/15	

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		
DRAWN <i>M. Berry</i>		10/19/15		PRODUCT FEATURE APD-4-4D1G6D1G-30W-SFF		
CHECKED				SIZE	FSCM NO.	DWG NO.
ISSUED				A	05XQ0	27028482
				SCALE	N:S	SHEET 1 OF 1