

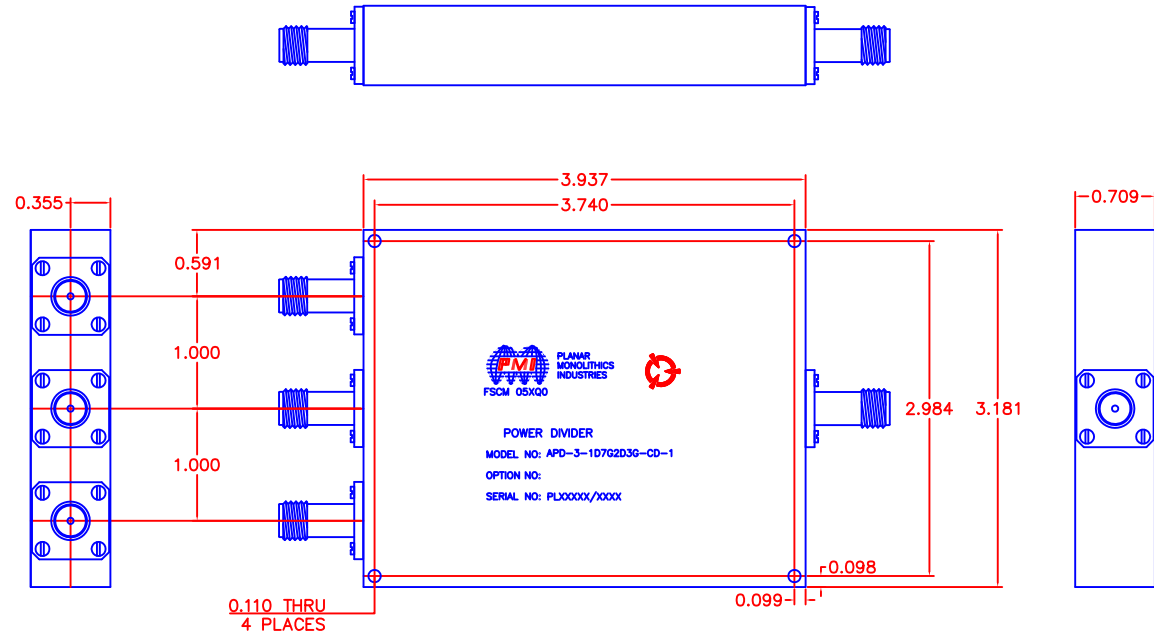
DESCRIPTION

PMI MODEL APD-3-1D7G2D3G-CD-1 IS A THREE WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR NARROWBAND USE AND HIGH RELIABILITY. IT IS RATED FOR 60 WATTS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/30/14	

SPECIFICATIONS

- FREQUENCY RANGE: 1.7 TO 2.3 GHz
- INSERTION LOSS: 0.9dB TYPICAL
- VSWR: 1.5:1 TYPICAL
- ISOLATION: 18dB TYPICAL
- AMPLITUDE BALANCE: ±0.5dB TYPICAL
- PHASE BALANCE: ±5° TYPICAL
- AVERAGE POWER INTO LOAD VSWR:
1.5:1 60 WATTS
- CONNECTORS: TNC-F
- SIZE: 3.327" (L) x 3.181" (W) x 0.709" (H)
- FINISH: BLUE EPOXY PAINT



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

PMI CONFIDENTIAL AND PROPRIETARY

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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

APPROVALS		DATE	TITLE			
DRAWN <i>gs</i>		9/30/14	PRODUCT FEATURE APD-3-1D7G2D3G-CD-1 1.7 - 2.3 GHz 3 WAY POWER DIVIDER			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N:S		SHEET 1 OF 1