

PMI MODEL APD-2-1112 IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS AND LOW VSWR. DESIGNED FOR HIGH RELIABILITY.



- TEMPERATURE:.....-54°C TO +55°C (OPERATING)
-65°C TO +100°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

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:

X.XX	±0.020
X.XXX	±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	8/18/99	

- FREQUENCY: 11.0 GHz TO 12.4 GHz
- INSERTION LOSS: 0.6 dB MAXIMUM

- VSWR INPUT: 1.45:1

- VSWR OUTPUT: 1.45:1

- ISOLATION: 19.0 dB MINIMUM

- AMPLITUDE BALANCE: ±0.3 dB

- PHASE BALANCE: ±4°

- AVERAGE POWER INTO LOAD VSWR:

1.2:1	25 WATTS
2.0:1	7.5 WATTS
∞ :1	0.75 WATTS

- SIZE: 0.79 (L) X 1.00 (W) X 0.40 (H)

PART NO.				PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE			TITLE OUTLINE DRAWING APD-2-1112 2WAY POWER DIVIDER	
DRAWN <i>WSP</i>	<i>8/18/99</i>				
CHECKED					
ISSUED					
		SIZE A	FSCM NO. 0ZXZ8	DWG NO. 100-4004-6	REV. —
		SCALE		SHEET	1 of 1