

REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
		ORIGINAL RELEASE	8/4/99	

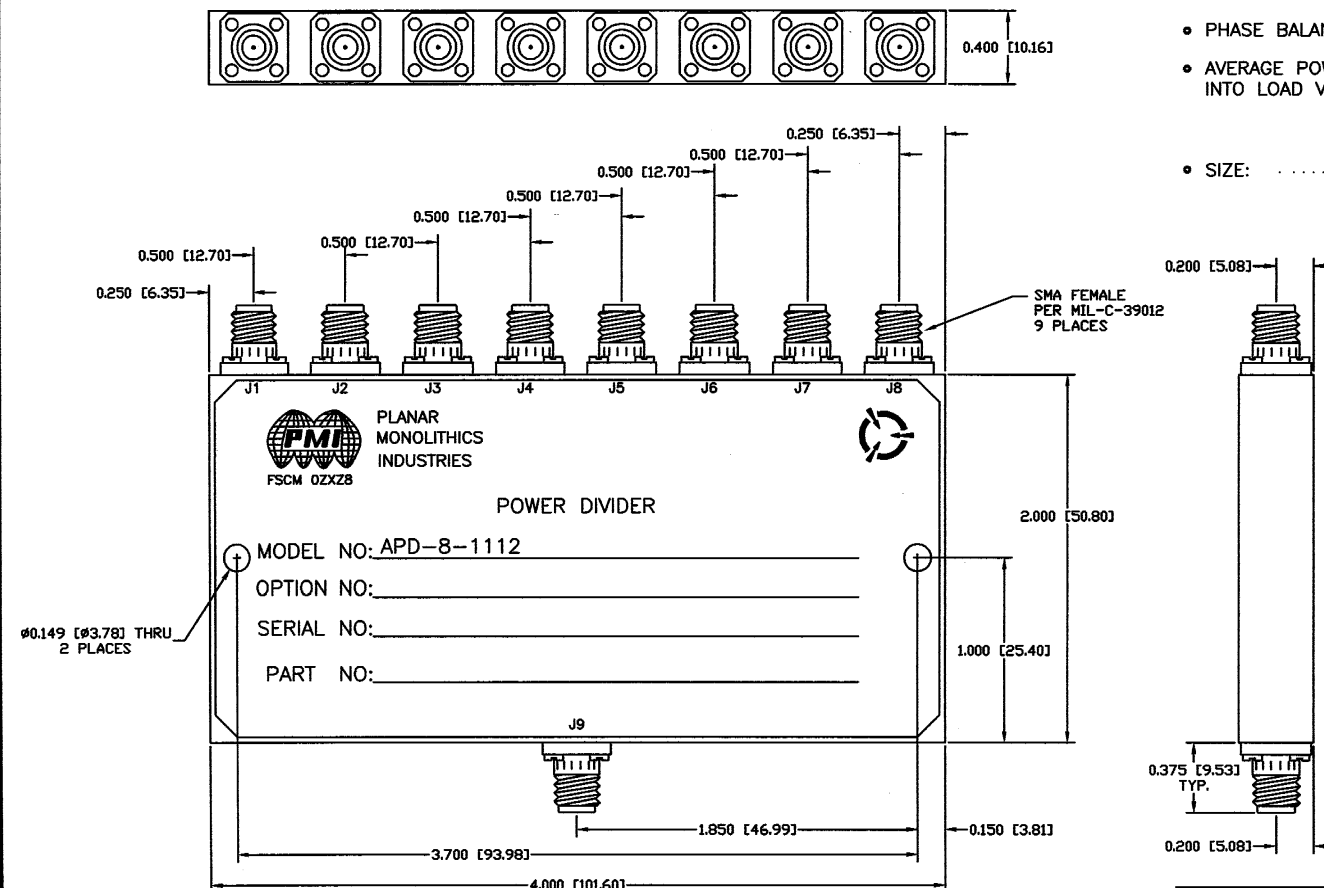
DESCRIPTION:

PMI MODEL APD-8-1112 IS AN EIGHT WAY STRIPLINE POWER DIVIDER FEATURING HIGH ISOLATION AND LOW INSERTION LOSS. DESIGNED FOR 11 TO 12.4 GHz OPERATION AND HIGH RELIABILITY.

SPECIFICATIONS:

- FREQUENCY: 11.0 GHz TO 12.4 GHz
- INSERTION LOSS: 2.0 dB MAXIMUM
- VSWR INPUT: 1.8:1 MAXIMUM
- VSWR OUTPUT: 1.8:1 MAXIMUM
- ISOLATION: 15.0 dB MINIMUM
- AMPLITUDE BALANCE: ±0.6 dB
- PHASE BALANCE: ±13°
- AVERAGE POWER INTO LOAD VSWR:

1.2:1	25 WATTS
2.0:1	7.5 WATTS
∞:1	0.75 WATTS
- SIZE: 4.00 (L) X 2.00 (W) X 0.40 (H)



ENVIRONMENTAL RATINGS:

- 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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		 PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WSP</i>	8/4/99	OUTLINE DRAWING APD-8-1112 8WAY POWER DIVIDER	
CHECKED			
ISSUED			
		SIZE A	FSCM NO. 0ZXZ8
		DWG NO. 100-4964-1	
		SCALE	SHEET 1 of 1