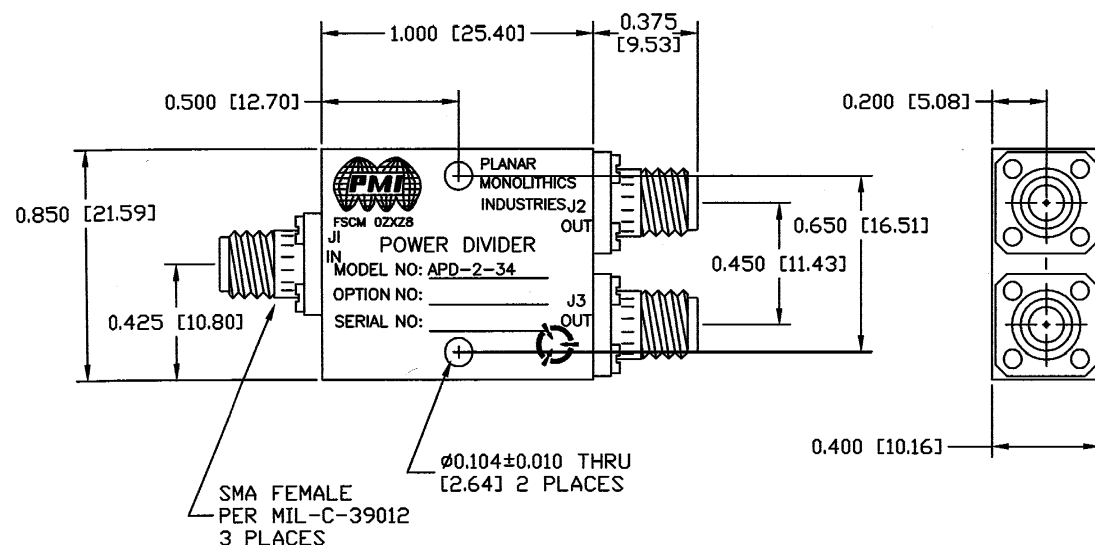


DESCRIPTION:

PMI MODEL APD-2-34 IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS AND LOW VSWR. DESIGNED FOR HIGH RELIABILITY.



ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.020

X.XXX ±0.010

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

SPECIFICATIONS:

- FREQUENCY: 3.6 GHz TO 4.2 GHz
- INSERTION LOSS: 0.4 dB MAXIMUM
- VSWR INPUT: 1.30:1
- VSWR OUTPUT: 1.30:1
- ISOLATION: 21.0 dB MINIMUM
- AMPLITUDE BALANCE: ±0.3 dB
- PHASE BALANCE: ±3°
- AVERAGE POWER INTO LOAD VSWR: 1.2:1 25 WATTS
2.0:1 7.5 WATTS
∞:1 0.75 WATTS
- SIZE: 1.00 (L) X 0.85 (W) X 0.40 (H)

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN WSP	8/18/99	OUTLINE DRAWING APD-2-34 2WAY POWER DIVIDER	
CHECKED		SIZE	REV.
ISSUED		FSCM NO. A 0ZXZ8	DWG NO. 100-4004-5
SCALE		SHEET 1 of 1	