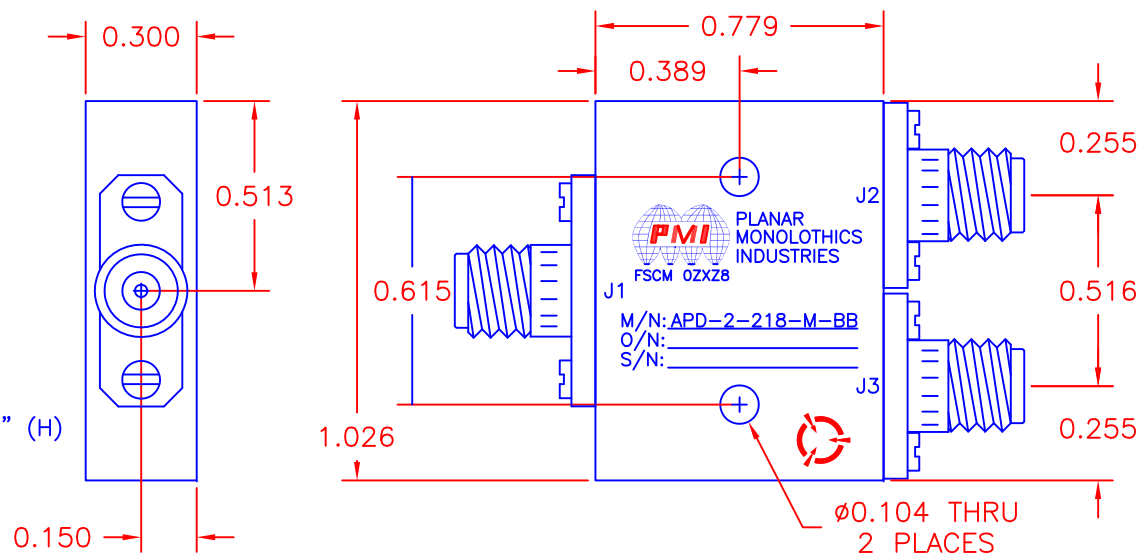


DESCRIPTION

PMI MODEL APD-2-218-M-BB IS A 2 TO 18 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 2.2 dB MAXIMUM AND ISOLATION OF 16 dB MINIMUM IN A SMALL PACKAGE SIZE OF 0.779" (L) x 1.026" (W) x 0.300" (H).

SPECIFICATIONS

- FREQUENCY RANGE: 2 TO 18 GHz
- INSERTION LOSS: 2.2 dB MAXIMUM
- ISOLATION: 16 dB MINIMUM
- VSWR INPUT: 2.0:1 MAXIMUM
- VSWR OUTPUT: 1.8:1 MAXIMUM
- AMPLITUDE BALANCE: 0.2 dB MAXIMUM
- AVERAGE POWER HANDLING:
 - 0.3 WATTS WITH 100:1 VSWR
 - 1.5 WATTS WITH 2.0:1 VSWR
 - 2 WATTS WITH 1.2:1 VSWR
- SIZE: 0.779" (L) x 1.026" (W) x 0.300" (H)



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

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
		ORIGINAL RELEASE JOB# P511046E	4/21/06

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-G GROVE ROAD
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ISO 9001:2000 CERTIFIED

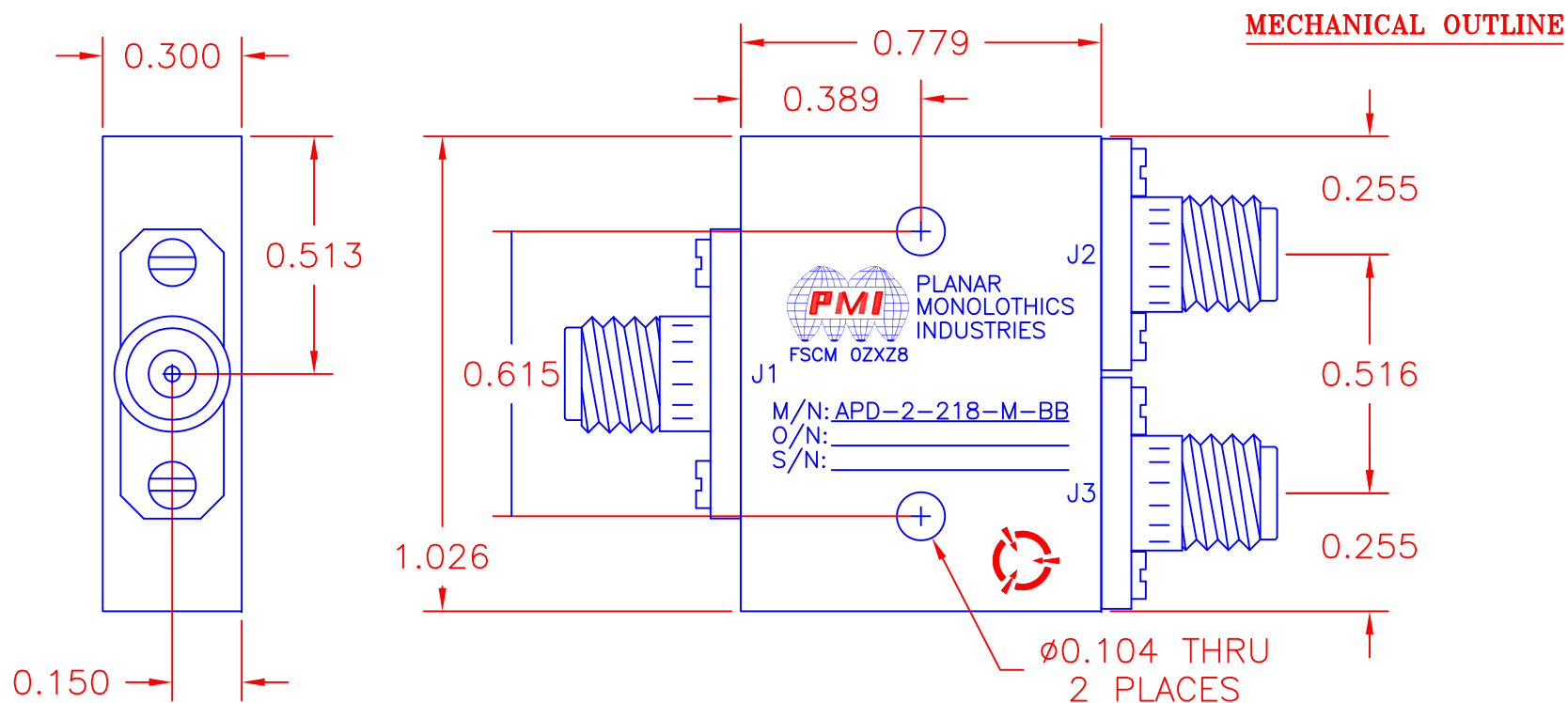


APPROVALS		DATE		TITLE	
DRAWN		4/21/06		PRODUCT FEATURE	
CHECKED				APD-2-218-M-BB	
ISSUED				2-18 GHz, POWER DIVIDER	
SIZE	FSCM NO.	DWG NO.	REV.		
A	0ZXZ8	100-7615	-		
SCALE N:S		SHEET		1 OF 3	

DESCRIPTION

PMI MODEL APD-2-218-M-BB IS A 2 TO 18 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 2.2 dB MAXIMUM AND ISOLATION OF 16 dB MINIMUM IN A SMALL PACKAGE SIZE OF 0.779" (L) x 1.026" (W) x 0.300" (H).

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# P511046E	4/21/06	



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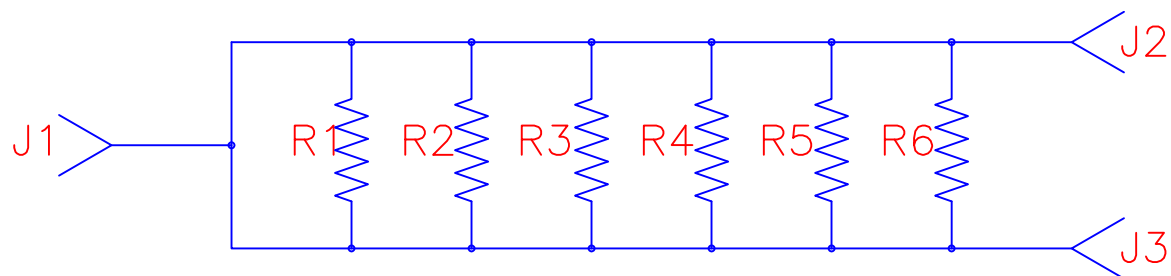
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

APPROVALS		DATE		TITLE			
DRAWN		4/21/06		MECHANICAL OUTLINE			
CHECKED				APD-2-218-M-BB			
ISSUED				2-18 GHz, POWER DIVIDER			
SIZE	FSCM NO.	DWG NO.	REV.				
A	0ZXZ8	100-7615	-				
SCALE	N:S			SHEET	2 OF 3		

DESCRIPTION

PMI MODEL APD-2-218-M-BB IS A 2 TO 18 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 2.2 dB MAXIMUM AND ISOLATION OF 16 dB MINIMUM IN A SMALL PACKAGE SIZE OF 0.779" (L) x 1.026" (W) x 0.300" (H).

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# P511046E	4/21/06	



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CONFIDENTIAL AND PROPRIETARY

APPROVALS DATE		TITLE FUNCTIONAL SCHEMATIC APD-2-218-M-BB 2-18 GHz, POWER DIVIDER				REV. —					
DRAWN JDJ		4/21/06		SIZE A		FSCM NO. 0ZXZ8		DWG NO. 100-7615		REV. —	
CHECKED											
ISSUED				SCALE N:S				SHEET 3 OF 3			