

PMI MODEL APD-2-052 IS A 0.5 TO 2 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 0.7 dB MAXIMUM. THE SIZE IS 1.24" x 1.38" x 0.40".

The technical drawing illustrates the APD-2-052 Power Divider. The top view shows a rectangular component with SMA female connectors at all four corners. Dimensions include a total width of 1.250, a distance of 0.625 from the top edge to the center of the top connectors, and a total height of 1.380. The side view shows a component with a thickness of 0.380 and a mounting flange with a diameter of 0.440. The front panel features the PMI logo, the text 'PLANAR MONOLITHICS INDUSTRIES', 'FSCM 0ZX28', and 'POWER DIVIDER'. It also includes fields for 'MODEL NO: APD-2-052', 'OPTION NO:', and 'SERIAL NO:'. A circular symbol with a cross indicates a mounting point. Dimensions for the front panel include a width of 1.146 and a height of 0.117. A note at the bottom indicates a hole size of 'Ø0.104 THRU 2 PLACES'.

SMA FEMALE CONNECTORS
3 PLACES

1.250
0.625
0.380
1.146
1.380
0.117
0.440
Ø0.104 THRU
2 PLACES

PMI
PLANAR MONOLITHICS
INDUSTRIES
FSCM 0ZX28
POWER DIVIDER
MODEL NO: APD-2-052
OPTION NO:
SERIAL NO:
IN
OUT
OUT

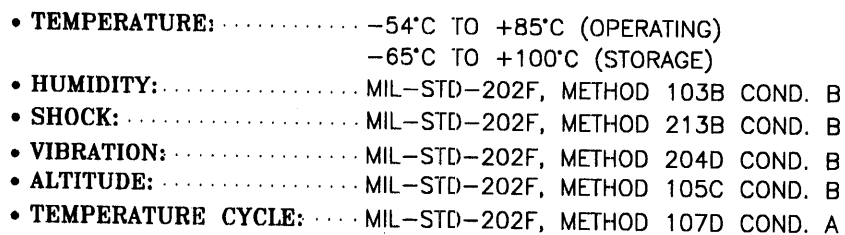
Technical drawing of a vertical plate with two circular features. The plate has a total width of 0.400 and a thickness of 0.200. The two features are spaced 0.500 apart. Each feature consists of a central circle surrounded by concentric rings, all enclosed within an octagonal border with four small circles at the corners.



SHEET 2 OF 3

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- FREQUENCY RANGE: 0.5 TO 2 GHz
- INSERTION LOSS: 0.7 dB MAX
- VSWR INPUT: 1.3:1
- VSWR OUTPUT: 1.3:1
- ISOLATION: 20 dB MIN
- AMPLITUDE BALANCE: 0.3 dB
- PHASE BALANCE: 3.0°
- AVERAGE POWER INTO
 LOAD VSWR: 1.2:1 25 WATTS
 2.1:1 15 WATTS
 ∞ 2 WATTS
- WEIGHT: 1.5 oz.
- SIZE: 1.24" x 1.38" x 0.40"



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

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