

Description:

Model Number: PD-CD-001-1 is a 4 Way Power Divider with 0°, 90°, 180°, and 270° as Phase Shift on 4 outputs. It operates at a Frequency band of 9.3 to 9.9 GHz.

Specifications:

- Frequency Range:

9.3 to 9.9 GHz
- Phase Balance:

±7° Max.
- Amplitude Balance:

±0.5 dB Max
- Insertion Loss:

8.0 dB Max
- Power Input:

28 Watt cw, 750 Watt peak (1.5 kW Goal)
- VSWR Input/Output:

1.5:1 Typ. 2.0:1 Max.
- Impedance:

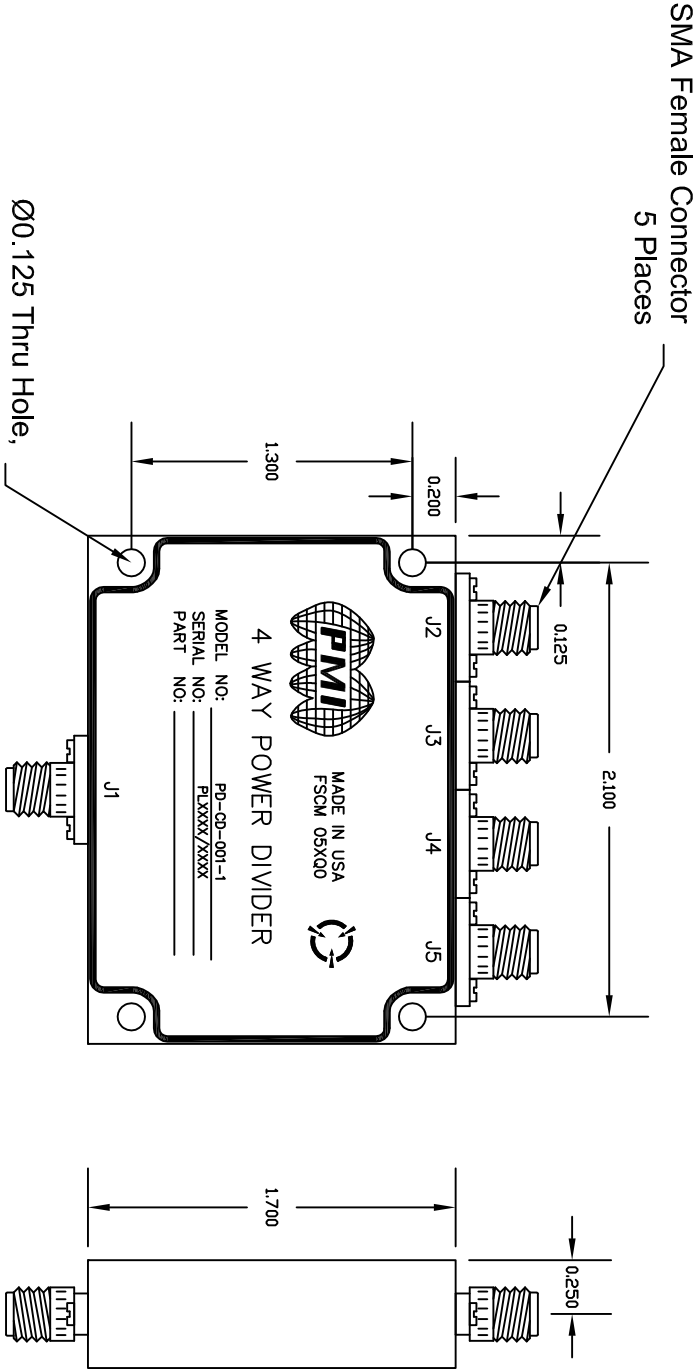
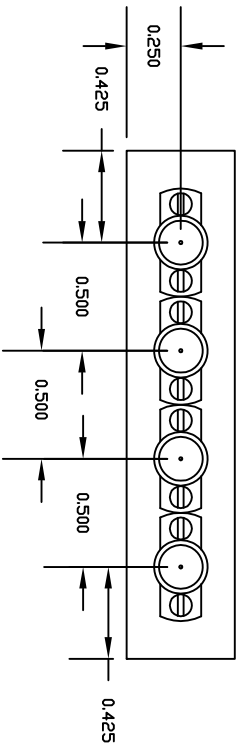
50 Ω
- Dimensions:

(L) 2.35" x (W) 1.7" x (H) 0.5"
- Connectors In/Out:

SMA Female
- Finish:

Painted Gray

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	04/07/11	



- Environmental Ratings:

-32°C to +77°C (Operating)
- Temperature:

-65°C to +125°C (Storage)
- Vibrations:

MIL-STD-202G, METHOD 204D COND C.
- Shock:

MIL-STD-202G, METHOD 213B COND C.

Note: The above specifications are subject to change or revision.

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ISO 9001:2000 CERTIFIED

PRODUCT FEATURE

PD-CD-001-1

APPROVALS

DATE

DRAWN

04/07/11

CHECKED

ISSUED

SIZE

FSCM NO.

DWG NO.

A

05X00

27014041

SCALE

N: S

SHEET

1 OF 1

REV.

A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±0.010
XXX ±0.005