

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0442810008

Status:

Active

Description:

4.20mm (.165") Pitch Mini-Fit® Test Plug, Dual Row, 18 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-44281-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Literature Order No

Product Name

PCB Headers

44281

Board-to-Board, Wire-to-Board

USA-053

Mini-Fit®

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Plating Mating

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

18

18

10,000

No

No

No

None

Yes

Gold

2

Vertical

0.250 In

6.35 mm

No

None

Bag

0.165 In

4.20 mm

0.165 In

4.20 mm

Yes

No

Fully

No

No

-40°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

2.5A

600V

Material Info

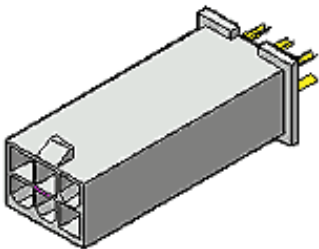
Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-44281-001

SD-44281-001



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

44281Series

Mates With

42474 , 44516 , 5557d

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J

I

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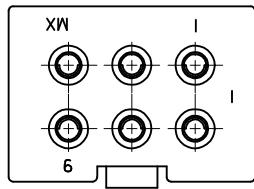
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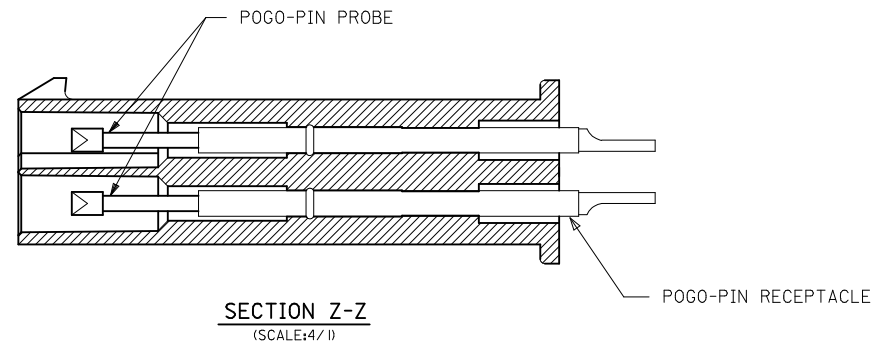
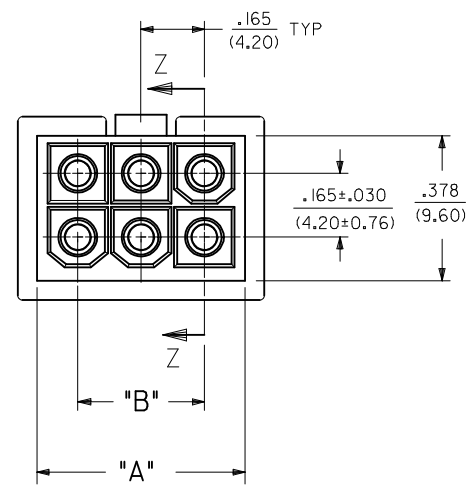
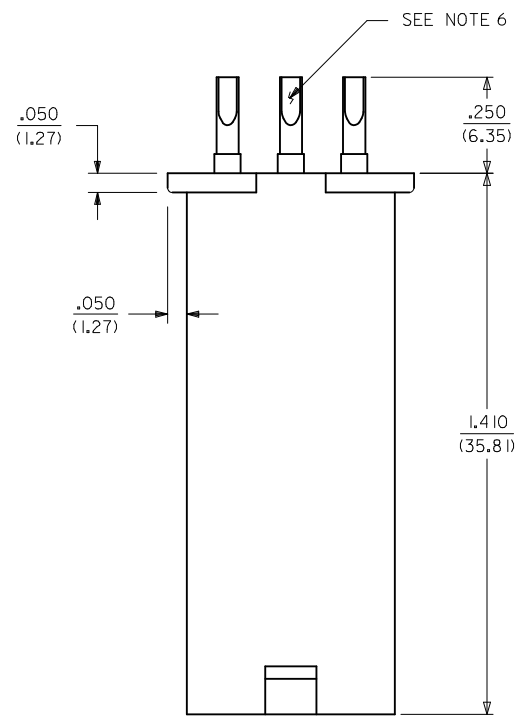
B

A



- NOTES:
- MATERIAL:
HOUSING: 4/6 NYLON, 30% GLASS FILLED,COLOR BLACK.
POGO-PIN PROBE:HEAT TREATED BERYLLIUM COPPER.
POGO-PIN RECEPTACLE:WORK-HARDENED NICKEL SILVER.
 - FINISH:
POGO-PIN PROBE:GOLD PLATED OVER HARD NICKEL.
POGO-PIN RECEPTACLE:GOLD PLATED OVER HARD NICKEL.
 - PRODUCT SPECIFICATION: PS-44281-001.
 - THIS PART MATES WITH RECEPTACLE 5557.
 - PRODUCT IS INTENDED FOR LOW LEVEL CONTINUITY TESTING ONLY.
 - SOLDER CUP WILL ACCEPT 22-26 GAUGE WIRE.

MATERIAL NUMBER	CIRCUIT NUMBER	DIM. "A"	DIM. "B"
44281-0001	4	.378/(9.60)	.165/(4.20)
44281-0002	6	.543/(13.80)	.331/(8.40)
44281-0003	8	.709/(18.00)	.496/(12.60)
44281-0004	10	.874/(22.20)	.661/(16.80)
44281-0005	12	1.039/(26.40)	.827/(21.00)
44281-0006	14	1.205/(30.60)	.992/(25.20)
44281-0007	16	1.370/(34.80)	1.157/(29.40)
44281-0008	18	1.535/(39.00)	1.323/(33.60)
44281-0009	20	1.701/(43.20)	1.488/(37.80)
44281-0010	22	1.866/(47.40)	1.654/(42.00)
44281-0011	24	2.031/(51.60)	1.819/(46.20)
44281-0012	36	3.023/(76.80)	2.811/(71.40)
44281-0013	40	3.353/(85.20)	3.142/(79.80)



CORRECT CHART

EC NO: UCP2010-0584

DRWN:J JAGUILAR 2009/09/14

CHKD:J BELL 2009/09/14

APPR:FSMITH 2009/09/15

B1

REV

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .010	± .0008
2 PLACES	± .025	± .0010
1 PLACE	± .035	± .0014

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY	DATE
A.GUZIK	98/11/02
CHECKED BY	DATE
EDGLEY	98/11/03
APPROVED BY	DATE
EDGLEY	98/11/03

MATERIAL NO.

SEE CHART

SIZE

C

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MINI-FIT 4-24
36 AND 40 CIRCUIT
TEST PLUG ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.

SD-44281-001

SHEET NO.

1 OF 1

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