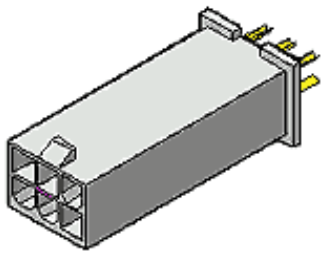
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Part Number: 0442810012
Status: Active
Description: 4.20mm (.165") Pitch Mini-Fit® Test Plug, Dual Row, 36 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-44281-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	44281
Application	Board-to-Board, Wire-to-Board
Product Literature Order No	USA-053
Product Name	Mini-Fit®

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
Durability (mating cycles max)	10,000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.250 In
PC Tail Length (mm)	6.35 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Product Specification	PS-44281-001
Sales Drawing	SD-44281-001

EU RoHS **China RoHS**
Compliance Status
Not Reviewed
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

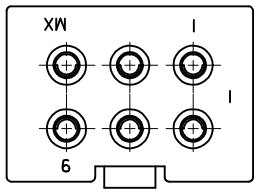
Please visit the Contact Us section for any non-product compliance questions.

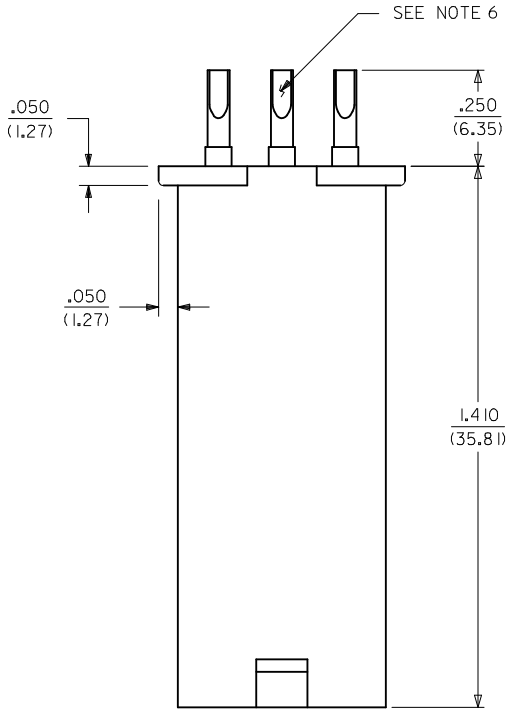
Search Parts in this Series
44281Series

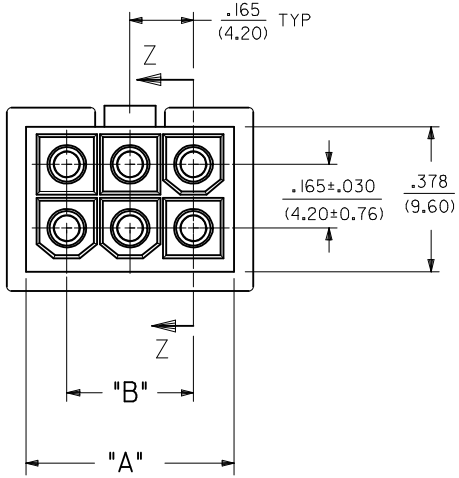
Mates With
42474 , 44516 , 5557d

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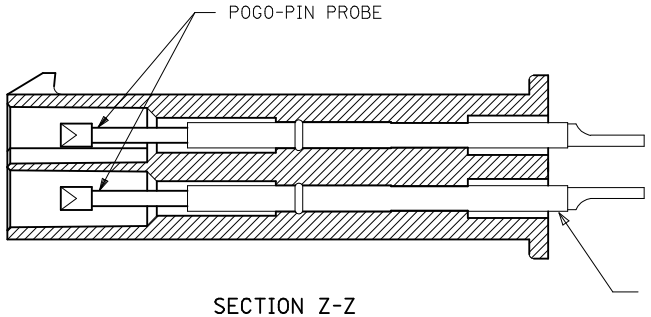




NOTES:

1. MATERIAL:
   HOUSING: 4/6 NYLON, 30% GLASS FILLED, COLOR BLACK.
   POGO-PIN PROBE: HEAT TREATED BERYLLIUM COPPER.
   POGO-PIN RECEPTACLE: WORK-HARDENED NICKEL SILVER.
2. FINISH:
   POGO-PIN PROBE: GOLD PLATED OVER HARD NICKEL.
   POGO-PIN RECEPTACLE: GOLD PLATED OVER HARD NICKEL.
3. PRODUCT SPECIFICATION: PS-44281-001.
4. THIS PART MATES WITH RECEPTACLE 5557.
5. PRODUCT IS INTENDED FOR LOW LEVEL CONTINUITY TESTING ONLY.
6. 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)



SECTION Z-Z
(SCALE:4/1)

CORRECT CHART
EC NO: UCP2010-0584 2009/09/14
DRWN: JJAGUILAR 2009/09/14
CHKD: JBELL 2009/09/15
APPR: FSMITH 2009/09/15
DESCRIPTION
B1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

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

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

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44281-001
SHEET NO.: 1 OF 1
SIZE: C

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