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Part Number:

0791077252

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 1.91mm (.075") Tail Length, 0.76µm (30µ") Gold (Au) Selective Plating, 6 Circuits, Leadfree

Documents:

- 3D Model

Product Specification PS-79107 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Receptacles

Series

79107

Application

Board-to-Board

Product Name

Milli-Grid™

Physical

Circuits (Loaded)

6

Color - Resin

Black

Durability (mating cycles max)

50

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

2

Orientation

Vertical

PC Tail Length (in)

0.075 In

PC Tail Length (mm)

1.91 mm

PCB Locator

No

PCB Retention

None

PCB Thickness Recommended (in)

0.031 In

PCB Thickness Recommended (mm)

0.80 mm

Packaging Type

Tube

Pitch - Mating Interface (in)

0.079 In

Pitch - Mating Interface (mm)

2.00 mm

Pitch - Term. Interface (in)

0.079 In

Pitch - Term. Interface (mm)

2.00 mm

Plating min: Mating (µin)

30

Plating min: Mating (µm)

0.75

Plating min: Termination (µin)

75

Plating min: Termination (µm)

1.875

Polarized to Mating Part

No

Polarized to PCB

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

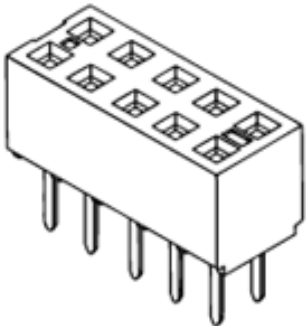
125V

Material Info

Reference - Drawing Numbers

Product Specification

PS-79107



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

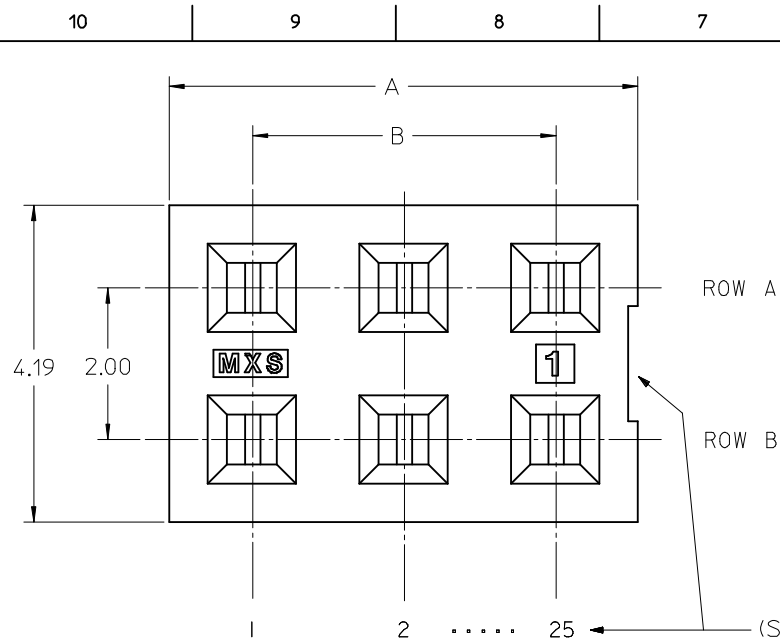
79107Series

Mates With

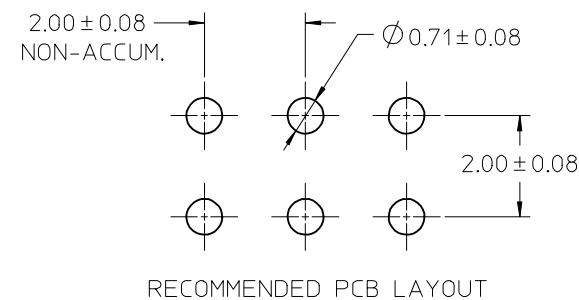
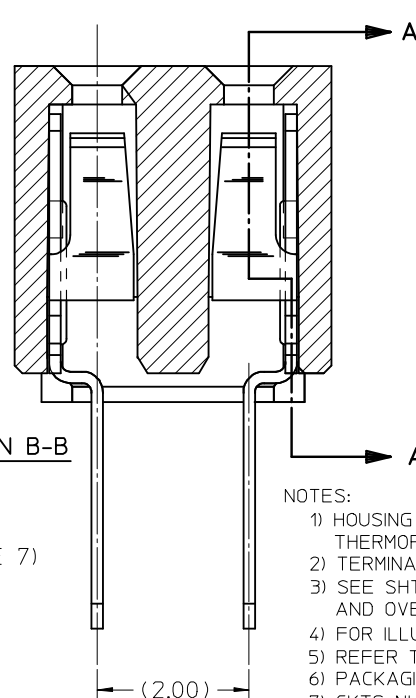
[87758](#) Vertical, Through Hole, Stackable
PCB Header, [87759](#) Vertical, Surface
Mount, Stackable PCB Header, [87760](#)
Right Angle, Through Hole, Stackable PCB
Header, [87831](#) Vertical, Through Hole PCB
Header, [87832](#) Vertical, Surface Mount PCB

This document was generated on 03/17/2010

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SECTION B-B

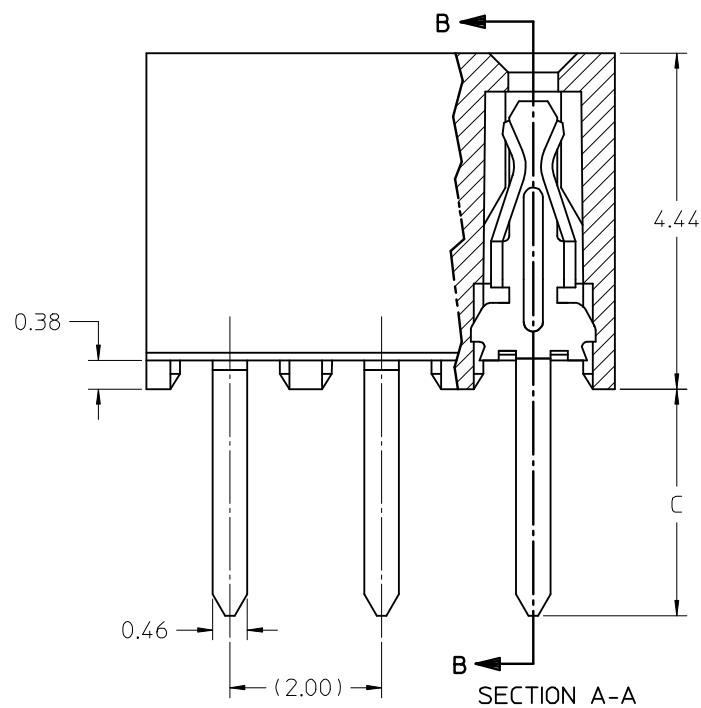


NOTES:

- 1) HOUSING MATERIAL: GLASS FILLED HIGH TEMP THERMOPLASTIC, COLOR: BLACK
- 2) TERMINAL MATERIAL: PHOSPHOR BRONZE
- 3) SEE SHT 2 FOR CKT SIZE, PART NUMBERS AND OVERALL DIMENSIONS, SEE SHT 3 FOR VOIDS.
- 4) FOR ILLUSTRATION, 6 CKT ASSY SHOWN.
- 5) REFER TO PRODUCT SPEC PS-79107
- 6) PACKAGING PER PK-70873-0180
- 7) CKTS NUMBERED FROM LEFT TO RIGHT WHEN PART IS VIEWED FROM TOP WITH RECESS ON THE RIGHT AS SHOWN.
- 8) SOLDER TAIL TO BE MEASURED BY PITCH GAUGE.

PLATING OPTION:

- 4) - 30u"/0.76um MIN GOLD PLATE IN SELECTED AREA
75u"/1.90um MIN TIN PLATE IN SELECTED AREA
BOTH OVER 50u"/1.25um MIN NICKEL OVERALL
- 5) - 15u"/0.38um MIN GOLD PLATE IN SELECTED AREA
75u"/1.90um MIN TIN PLATE IN SELECTED AREA
BOTH OVER 50u"/1.25um MIN NICKEL OVERALL
- 6) - 2u"/0.05um MIN GOLD PLATE IN SELECTED AREA
40u"/1.02um MIN TIN PLATE IN SELECTED AREA
BOTH OVER 40u"/1.02um MIN NICKEL OVERALL



PDRS#1861, ADD 79107/5104. 5105, 5106, 5107 EC NO: S2009-0107 DRWNATSEE 2008/09/03 CHKD:SKANG 2008/09/15 APPR:MLONG 2008/09/15 H1			DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		mm			INCH	DRAWN BY AAB		DATE 1989/05/15	TITLE 2MM DUAL ROW VERTICAL RECEPTACLE T/H		
4 PLACES		± ---			± ---	CHECKED BY MJM		DATE 1989/05/15			
3 PLACES		± ---			± ---	APPROVED BY WAZ		DATE 1989/05/15			
2 PLACES		± 0.25			± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-79107-****			
1 PLACE		± 0.38	± ---	ANGULAR ±1/2°		MOLEX MOLEX INCORPORATED					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

	10	9	8	7	6	5	4	3	2	1		
F												F
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MOLDED VOID OPTION

ASSEMBLIES WITHOUT PEGS

	ASSEMBLY	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM. "A"	DIM. "B"	P.C. TAIL DIM. "C"
CKT. SIZE	ITEM NO.	ROW	CKT. NO.(s)				
24	79107-5101	ROW B	6	5	(24.19)	(22.00)	(3.00)
10	79107-5102	ROW A	5	5	(10.19)	(8.00)	(3.00)
26	79107-5103	ROW B	5	5	(26.19)	(24.00)	(3.00)
20	79107-5104	ROW A	7	5	(20.19)	(18.00)	(1.91)
24	79107-5105	ROW B	10	5	(24.19)	(22.00)	(1.91)
20	79107-5106	ROW A	7	5	(20.19)	(18.00)	(3.00)
24	79107-5107	ROW B	10	5	(24.19)	(22.00)	(3.00)

"X" - DENOTES THE ITEM IS NOT AVAILABLE CURRENTLY.

NOTES

- TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS HOWEVER, PIN WINDOWS WILL BE CLOSED.
- VOIDS CANNOT BE PRESENT IN BOTH ROWS ON A CONNECTOR.

PDRS#1861, ADD 791075104, 5105, 5106, 5107 EC NO: S2009-0107 DRAWN BY CHYD:SKANG 2008/09/15 APPR:MLONG 2008/09/15 REV H1 DESCRIPTION 	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.38</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.38	± ---	ANGULAR ±1/2°			DIMENSION STYLE MM ONLY <table> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>AAB</td> <td>1989/05/15</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>MJM</td> <td>1989/05/15</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>WAZ</td> <td>1989/05/15</td> </tr> </table>	DRAWN BY	DATE	AAB	1989/05/15	CHECKED BY	DATE	MJM	1989/05/15	APPROVED BY	DATE	WAZ	1989/05/15	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	2MM DUAL ROW VERTICAL RECEPTACLE T/H
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