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Part Number:

0791077065

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 3.00mm (.118) Tail Length, 0.76µm (30µ") Gold (Au) Selective Plating, 32 Circuits, Leadfree

Documents:

3D Model

Drawing (PDF)

Product Specification PS-79107 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Receptacles

79107

Board-to-Board

Milli-Grid™

Physical

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

32

Black

50

No

None

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

2

Vertical

0.118 In

3.00 mm

No

None

0.062 In

1.60 mm

Tube

0.079 In

2.00 mm

0.079 In

2.00 mm

30

0.75

75

1.875

No

No

Yes

-55°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

1A

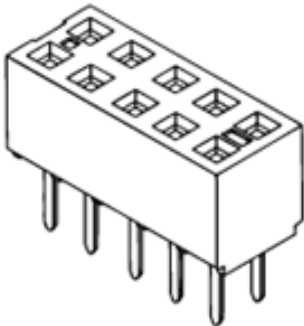
125V

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

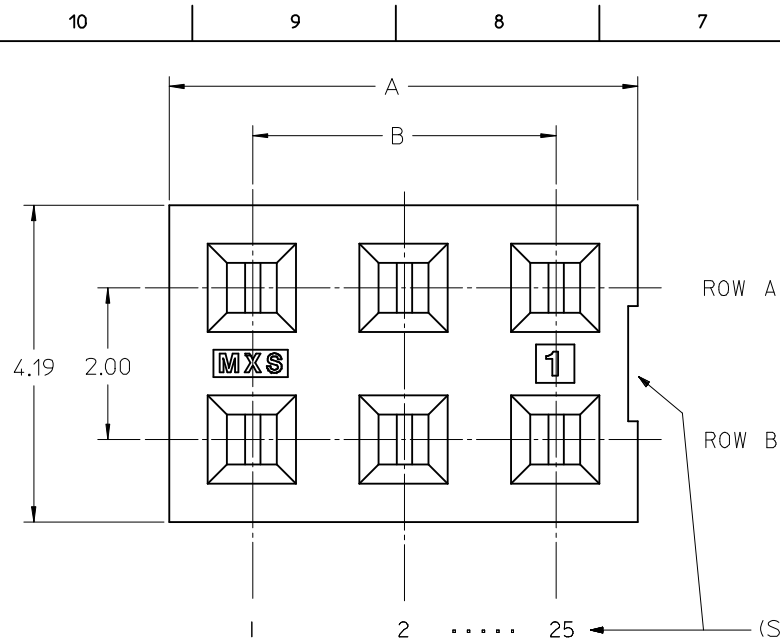
79107Series

Mates With

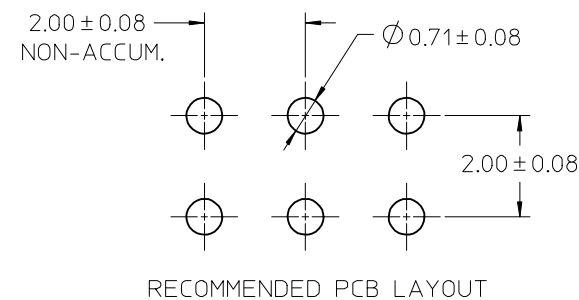
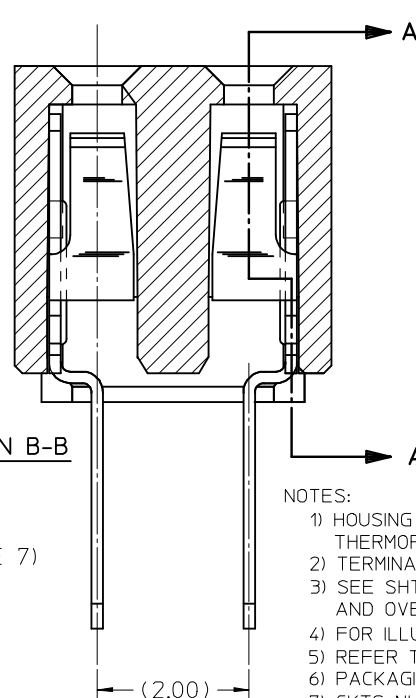
87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

This document was generated on 03/17/2010

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SECTION B-B

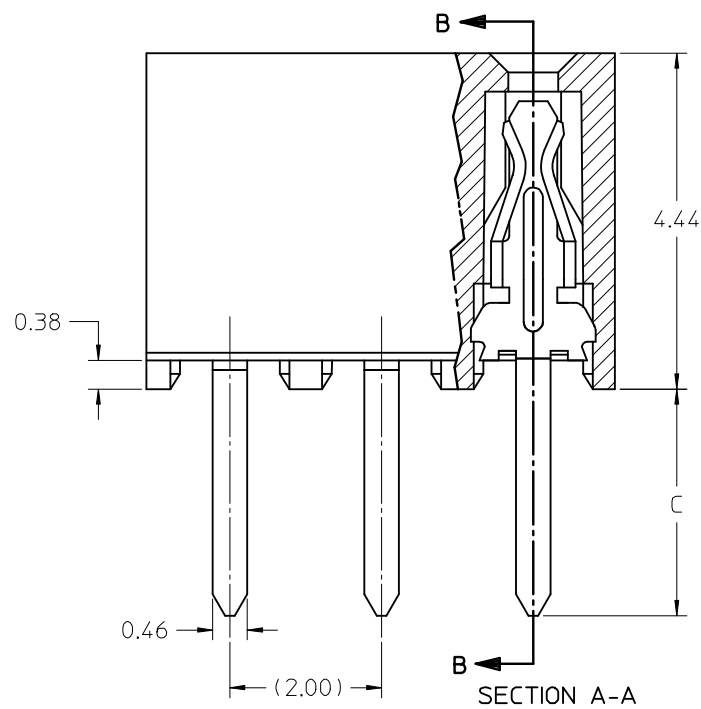


NOTES:

- 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			QUALITY SYMBOLS ▽=0 ◻=0 DESCRIPTION REV	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		± ---	MOLEX MOLEX INCORPORATED		DOCUMENT NO.		SHEET NO.	
1 PLACE		± 0.38		± ---	SEE TABLE		SDA-79107-****		1 OF 3	
ANGULAR ±1/2°										
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				

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

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

PDR#1861, ADD 79107504. 5105 5106 5107 EC NO: S2009-0107 2008/09/03 2008/09/15 2008/09/15 DRAWN:ATSEE CHKD:SKANG APPR:MLONG H1	QUALITY SYMBOLS ▼=0 ▽=0	DESCRIPTION 2MM DUAL ROW VERTICAL RECEPTACLE T/H	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE				
			4 PLACES	± ---	± ---	AAB	1989/05/15					
			3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---	MJM	1989/05/15					
1 PLACE	± 0.38	± ---	APPROVED BY	DATE	DOCUMENT NO.		SHEET NO.					
		ANGULAR ±1/2°	WAZ	1989/05/15	MATERIAL NO.		SDA-79107-****		3 OF 3			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					