

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

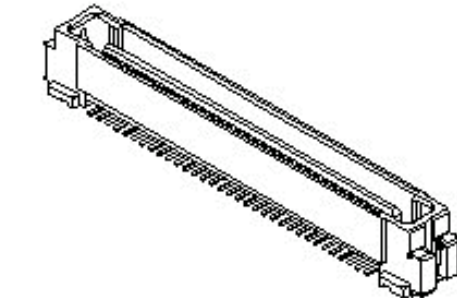
0533956679

Status:

Active

Description:

1.00mm (.039") Pitch Plug, Surface Mount, Dual Row, Vertical, 8.00mm (.315") Mating Height, Lead-free, 66 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-52584-003 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

|                |                |
|----------------|----------------|
| Product Family | PCB Headers    |
| Series         | 53395          |
| Application    | Board-to-Board |
| Product Name   | N/A            |

Physical

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 66              |
| Color - Resin                  | White           |
| Durability (mating cycles max) | 50              |
| First Mate / Last Break        | No              |
| Glow-Wire Compliant            | No              |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | None            |
| Lock to Mating Part            | None            |
| Mated Height (in)              | 0.315 In        |
| Mated Height (mm)              | 8.00 mm         |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Number of Rows                 | 2               |
| Orientation                    | Vertical        |
| PCB Locator                    | Yes             |
| PCB Retention                  | None            |
| PCB Thickness Recommended (in) | 0.040 In        |
| PCB Thickness Recommended (mm) | 1.00 mm         |
| Packaging Type                 | Tube            |
| Pitch - Mating Interface (in)  | 0.039 In        |
| Pitch - Mating Interface (mm)  | 1.00 mm         |
| Polarized to PCB               | No              |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Temperature Range - Operating  | -55°C to +85°C  |
| Termination Interface: Style   | Surface Mount   |

Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 100V |

Material Info

Reference - Drawing Numbers

|                       |                             |
|-----------------------|-----------------------------|
| Product Specification | PS-52584-003, RPS-52584-010 |
| Sales Drawing         | SD-53395-002, SD-53395-003  |

EU RoHS

ELV and RoHS  
Compliant  
REACH SVHC  
Not Reviewed  
Halogen-Free  
Status

China RoHS



Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto: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  
53395Series

Mates With  
52584 PCB Receptacle

This document was generated on 04/19/2010

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

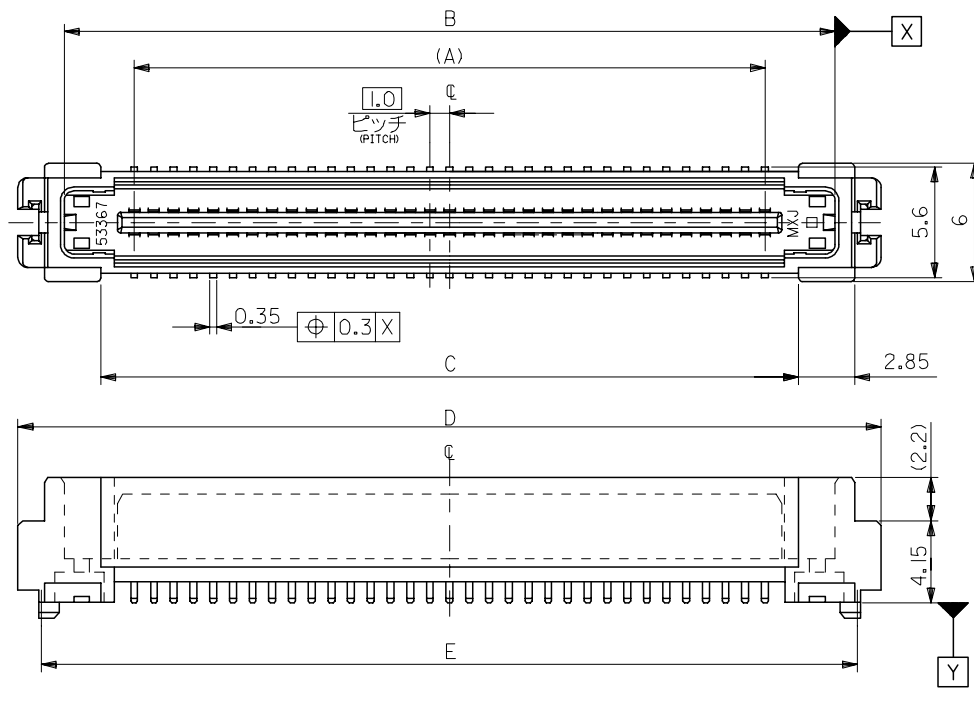
E

D

C

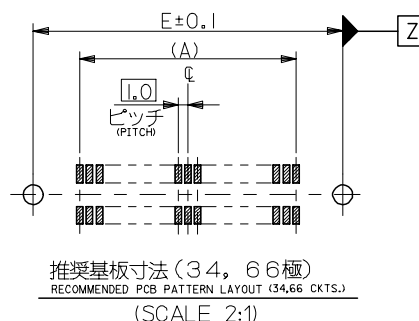
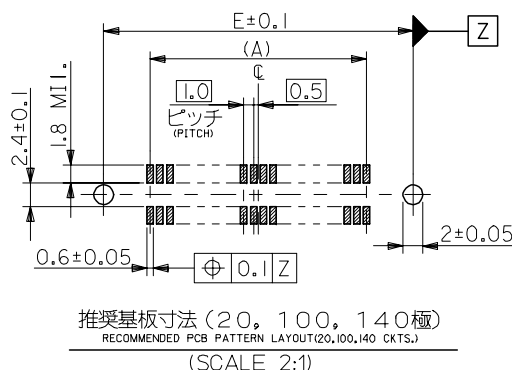
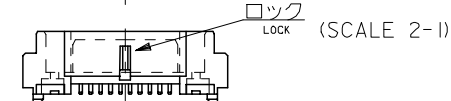
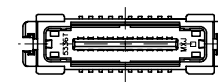
B

A



注)  
NOTES

- 材質  
MATERIAL  
ハウジング: ガラス入りLCP、白色、UL94V-0  
HOUSING: G.F.LCP, WHITE, UL94V-0  
ターミナル: 焼青銅 (t=0.2)  
TERMINAL: PHOSPHOR BRONZE
- メッキ仕様  
PLATING  
接点部: 金メッキ0.25µmMIN.  
CONTACT AREA: GOLD 0.25µmMIN.  
半田付け部: 錫メッキ1.0µmMIN.  
SOLDER TAIL AREA: TIN 1.0µmMIN.  
下地メッキ: ニッケルメッキ2.0µmMIN.  
UNDER-PLATING: NICKEL 2.0µmMIN.
- 推奨基板厚  
RECOMMENDED PCB THICKNESS  
1.0±0.1mm MIN.
- テールのバラツキ法  
TAIL COPLANARITY  
テールは、Y面を基準とし、上へ0.02MAX、  
下へ0.13MAX.とする。  
TAIL COPLANARITY TO BE 0.02MAX. UPWARD AND 0.13MAX. DOWNWARD FROM Y-DATUM PLANE.
- ロックは、20、34極に設置する。  
LOCK TO BE ADDED TO 20 AND 34 CKTS.



|      |      |      |       |     |              |                    |
|------|------|------|-------|-----|--------------|--------------------|
| 78.4 | 80.8 | 72.4 | 76.02 | 69  | 53395-1408   | 140                |
| 58.4 | 60.8 | 52.4 | 56.02 | 49  | 53395-1008   | 100                |
| 41.4 | 43.8 | 35.4 | 39.02 | 32  | 53395-0668   | 66                 |
| 25.4 | 27.8 | 19.4 | 23.02 | 16  | 53395-0348   | 34                 |
| 18.4 | 20.8 | 12.4 | 16.02 | 9   | 53395-0208   | 20                 |
| E    | D    | C    | B     | (A) | MATERIAL NO. | 極数<br>NO. OF CKTS. |

|                      |                  |
|----------------------|------------------|
| 材料<br>MATERIAL       | 注参照<br>SEE NOTES |
| 仕上げ<br>FINISH        | 注参照<br>SEE NOTES |
| 適用電線範囲<br>WIRE RANGE | — # —            |
| 被覆外径<br>INS. RANGE   | — # —            |

RELEASED  
EC NO: J2005-0825  
DRAWN: MNABE  
CHKD: KTOJO  
APPR: NUKITA  
2004/09/11  
2004/09/17  
2004/09/27  
REV  
0

|                                                            |       |
|------------------------------------------------------------|-------|
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       |
| 10 UNDER                                                   | ±0.2  |
| 10 OVER 30 UNDER                                           | ±0.25 |
| 30 OVER                                                    | ±0.3  |
| ANGULAR                                                    | ±3 °  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |

|                                                                                                                                  |                   |                                                         |                        |                           |  |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------|------------------------|---------------------------|--|
| DIMENSION STYLE<br>MM ONLY                                                                                                       |                   | SCALE<br>4:1                                            | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
| DRAWN BY<br>MNABE1                                                                                                               | DATE<br>'04/09/16 | TITLE<br>1.0 B-T0-B S/T PLUG<br>HSG ASSY<br>-LEAD FREE- |                        |                           |  |
| CHECKED BY<br>KTOJO                                                                                                              | DATE<br>'04/09/16 |                                                         |                        |                           |  |
| APPROVED BY<br>NUKITA                                                                                                            | DATE<br>'04/09/16 | MOLEX INCORPORATED                                      |                        |                           |  |
| MATERIAL NO.<br>SEE CHART                                                                                                        |                   | DOCUMENT NO.<br>SD-53395-002                            |                        | SHEET NO.<br>1 OF 1       |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                   |                                                         |                        |                           |  |

