

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0359771090](#)  
**Status:** **Planned for Obsolescence**  
**Overview:** [mv396](#)  
**Description:** 3.96mm (.156") Pitch Wire-to-Board Housing, Positive Lock, 10 Circuits, White, Glow Wire Compatible

**Documents:**

|                                                          |                                                          |
|----------------------------------------------------------|----------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-35979-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |
| <a href="#">Product Specification PS-35978-001 (PDF)</a> |                                                          |

**Agency Certification**

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72090224 |
| UL  | E29179    |

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | Crimp Housings        |
| Series         | <a href="#">35977</a> |
| Overview       | <a href="#">mv396</a> |
| Product Name   | MV-396™               |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 10              |
| Color - Resin                 | White           |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | Yes             |
| Keying to Mating Part         | None            |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Polyester Alloy |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface (in) | 0.156 In        |
| Pitch - Mating Interface (mm) | 3.96 mm         |
| Polarized to Mating Part      | Yes             |
| Stackable                     | Yes             |
| Temperature Range - Operating | -25°C to +85°C  |

**Electrical**

|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 7A |
|-------------------------------|----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                            |
|-------------------------|----------------------------|
| Packaging Specification | PK-35977-001               |
| Product Specification   | PS-35978-001, PS-35979-001 |
| Sales Drawing           | SD-35977-001               |

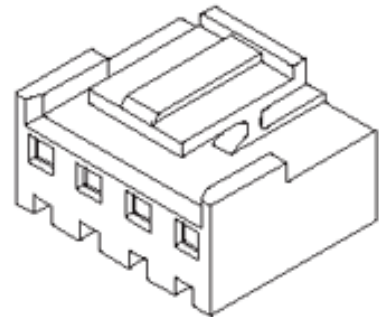


image - Reference only

Series

**EU RoHS**

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

**Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

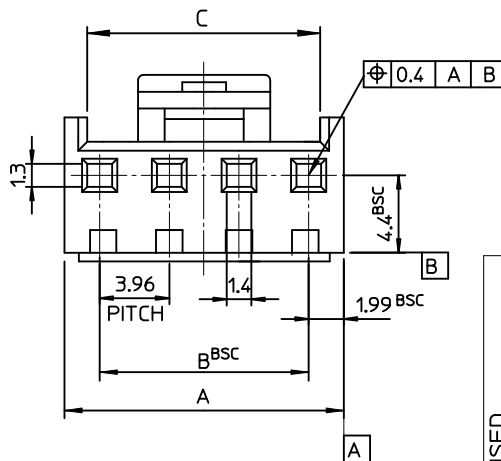
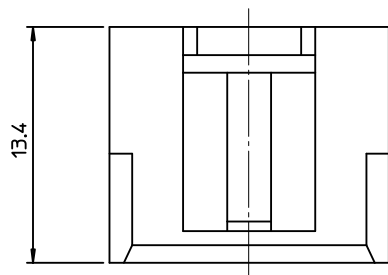
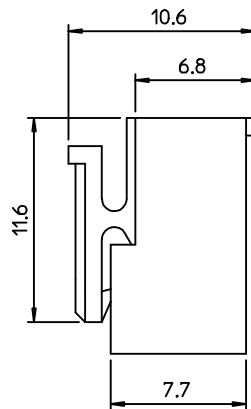
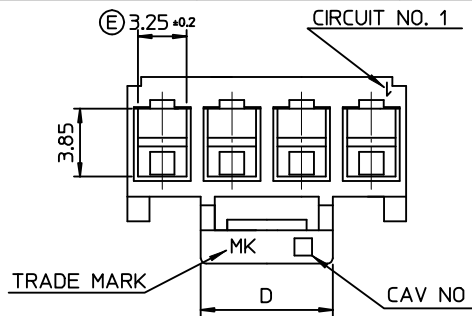
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

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

**Search Parts in this Series**  
[35977Series](#)

**Mates With**  
Wire-to-Board Header [35978](#) , [35979](#)

**Use With**  
Wire-to-Board Terminal [35922](#)



# NOTES

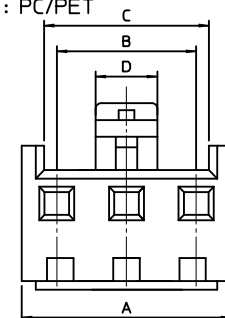
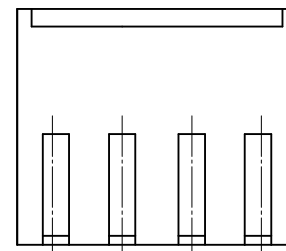
- USED WITH TERMINAL : 35922-9002
- MATED WITH HEADER ASS'Y : 35978-\*\*1\*(PA66) 35978-\*\*2\*(PA66)  
LEGEND 35978-\*\*3\*(PC/PET) 35978-\*\*4\*(PC/PET)

35977-\*\*\*\*

- COLOR : 0 - WHITE  
1 - BLACK  
2 - RED  
3 - YELLOW  
4 - BLUE

MATERIAL 0 : PA66 (E) 9 : PC/PET

CURCUIT NO. (02,03,04...)



\* 2~3 CIRCUITS ONLY \*

|         |       |       |       |           |            |          |
|---------|-------|-------|-------|-----------|------------|----------|
| 19.9    | 56.88 | 55.44 | 59.42 | 3597715** | 35977-15** | 15       |
| 19.9    | 52.92 | 51.48 | 55.46 | 3597714** | -14**      | 14       |
| 19.9    | 48.96 | 47.52 | 51.5  | 3597713** | -13**      | 13       |
| 19.9    | 45.0  | 43.56 | 47.54 | 3597712** | -12**      | 12       |
| 19.9    | 41.04 | 39.6  | 43.58 | 3597711** | -11**      | 11       |
| (E)19.9 | 37.08 | 35.64 | 39.62 | 3597710** | -10**      | 10       |
| 17.7    | 33.12 | 31.68 | 35.66 | 3597709** | -09**      | 9        |
| 15.7    | 29.16 | 27.72 | 31.70 | 3597708** | -08**      | 8        |
| 13.7    | 25.20 | 23.76 | 27.74 | 3597707** | -07**      | 7        |
| 7.5     | 21.24 | 19.80 | 23.78 | 3597706** | -06**      | 6        |
|         | 17.28 | 15.84 | 19.82 | 3597705** | -05**      | 5        |
|         | 13.32 | 11.88 | 15.86 | 3597704** | -04**      | 4        |
|         | 9.36  | 7.92  | 11.90 | 3597703** | -03**      | 3        |
| 3.5     | 5.4   | 3.96  | 7.94  | 3597702** | 35977-02** | 2        |
| D       | C     | B     | A     | MAT'L NO  | ENG NO.    | CIRCUITS |

|         |                     |            |             |            |                                   |                                       |  |                                                                                                                               |  |                                                   |                        |                                                                                                                 |
|---------|---------------------|------------|-------------|------------|-----------------------------------|---------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| REVISED | EC NO: KOR2009-0137 | 2009/05/21 | 2009/05/21  | 2009/05/22 | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY                                                                                                    |  | SCALE<br>3:1                                      | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |
|         | DRWN: JHPARK01      | 2009/05/21 | 2009/05/21  | 2009/05/22 |                                   | mm INCH                               |  | DRAWN BY DATE                                                                                                                 |  | TITLE<br><br>3.96 PITCH<br>W-T-B CONN.<br>HOUSING |                        |                                                                                                                 |
|         | CHKD: W. YANG       | 2009/05/21 | 2009/05/21  | 2009/05/22 |                                   | 4 PLACES ± --- ± ---                  |  | YR. WI 1999/05/06                                                                                                             |  |                                                   |                        |                                                                                                                 |
|         | APPR: YUNSIKKIM     | 2009/05/21 | 2009/05/21  | 2009/05/22 |                                   | 3 PLACES ± --- ± ---                  |  | CHECKED BY DATE                                                                                                               |  |                                                   |                        |                                                                                                                 |
|         | REV                 |            | DESCRIPTION |            |                                   | 2 PLACES ± --- ± ---                  |  | JH. OH 1999/05/06                                                                                                             |  |                                                   |                        |                                                                                                                 |
|         |                     |            |             |            |                                   | 1 PLACE ± 0.30 ± ---                  |  | APPROVED BY DATE                                                                                                              |  |                                                   |                        |                                                                                                                 |
|         |                     |            |             |            |                                   | ANGULAR ± 2 °                         |  | CW. LEE 1999/05/06                                                                                                            |  |                                                   |                        |                                                                                                                 |
|         |                     |            |             |            |                                   | MATERIAL NO.                          |  | DOCUMENT NO.                                                                                                                  |  | SHEET NO.                                         |                        |                                                                                                                 |
|         |                     |            |             |            |                                   | SEE TABLE                             |  | SD-35977-001                                                                                                                  |  | 1 OF 01                                           |                        |                                                                                                                 |
|         |                     |            |             |            |                                   | SIZE<br>A3                            |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                   |                        |                                                                                                                 |