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**Part Number:** [35978-0730](#)  
**Status:** **Active**  
**Overview:** [MV-396™](#)  
**Description:** 3.96mm Pitch Wire-to-Board Header, Vertical, Low Profile, 7 Circuits, Natural, Polyester Alloy

**Documents:**

[3D Model](#) [Packaging Specification PK-35978-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

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

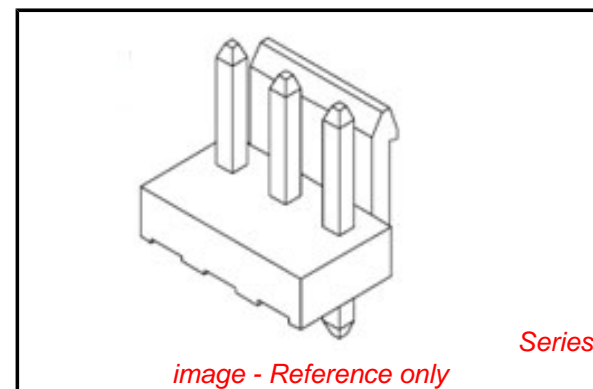
**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">35978</a>   |
| Application    | Power, Wire-to-Board  |
| Comments       | "This Molex product is manufactured from material that has the following ratings, tested by independent agencies:.. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options." |

Overview [MV-396™](#)  
 Product Name [MV-396™](#)

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 7               |
| Circuits (maximum)             | 7               |
| Color - Resin                  | Natural         |
| Durability (mating cycles max) | 30              |
| First Mate / Last Break        | No              |
| Flammability                   | 94V-0           |
| Glow-Wire Compliant            | Yes             |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | None            |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Brass           |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin-Lead        |
| Material - Resin               | Polyester Alloy |



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**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**

[35978Series](#)

**Mates With**

[35977 Wire-to-Board Housing](#)

|                                |                |
|--------------------------------|----------------|
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Bag            |
| Pitch - Mating Interface       | 3.96mm         |
| Pitch - Termination Interface  | 3.96mm         |
| Polarized to Mating Part       | No             |
| Polarized to PCB               | No             |
| Shrouded                       | No             |
| Stackable                      | Yes            |
| Surface Mount Compatible (SMC) | No             |
| Temperature Range - Operating  | -25°C to +85°C |
| Termination Interface: Style   | Through Hole   |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 7A   |
| Voltage - Maximum             | 250V |

**Material Info****Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-35978-001 |
| Sales Drawing           | SD-35978-001 |

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