# molex®

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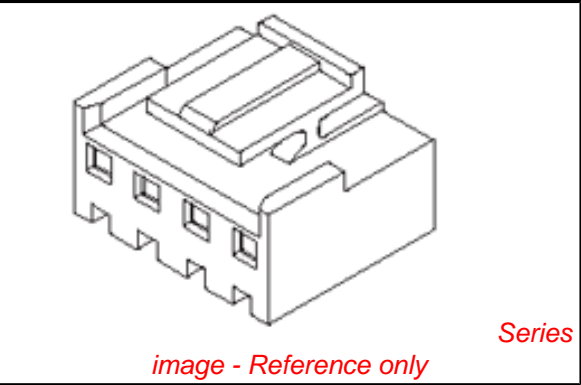
**Part Number:** 35977-1490

**Status:** **Active**

**Overview:** MV-396™

**Description:** 3.96mm Pitch Wire-to-Board Housing, Positive Lock, 14 Circuits, White, Glow Wire Compatible


*Series*
*image - Reference only*

### Documents:
| | |
|---|---|
| 3D Model | Packaging Specification PK-35977-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

### Agency Certification
| | |
|---|---|
| CSA | LR19980 |

### General
| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 35977 |
| 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
| | |
|---|---|
| Circuits (maximum) | 14 |
| Color - Resin | White |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Polycarbonate |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 3.96mm |
| Polarized to Mating Part | Yes |
| Stackable | Yes |
| Temperature Range - Operating | -25°C to +85°C |

### Electrical

**EU RoHS**     **China RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Not Low-Halogen**

**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**
35977Series

**Mates With**
Wire-to-Board Header 35978 , 35979

**Use With**
Wire-to-Board Terminal 35922

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

**Material Info**

**Reference - Drawing Numbers**

| Packaging Specification | PK-35977-001 |
| --- | --- |
| Sales Drawing | SD-35977-001 |

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## PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION