

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

**Part Number:** [0014562077](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 24 AWG, 0.76µm Gold (Au), 7 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification TS-70541-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Packaging Specification PK-70873-0001 (PDF)</a>  |
| <a href="#">Product Specification PS-70400-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                     |  |
|---------------------|--|
| Product Family      | Ribbon Cable / Wire Trap Connectors    |
| Series              | <a href="#">70400</a>                  |
| Comments            | Terminals Preloaded                    |
| Component Type      | Housing                                |
| Glow-Wire Compliant | No                                     |
| Overview            | <a href="#">SL™ Modular Connectors</a> |
| Product Name        | SL™                                    |
| UPC                 | 800755034813                           |

**Physical**

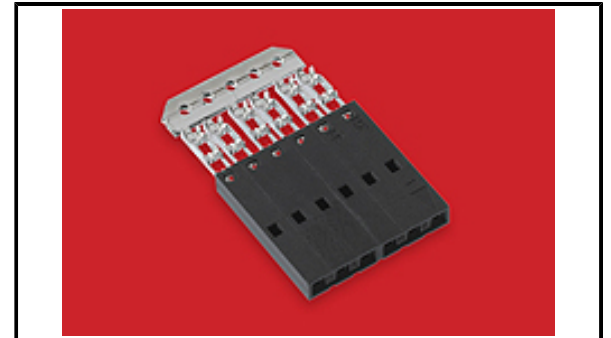
|                                |                             |
|--------------------------------|-----------------------------|
| Circuits (Loaded)              | 7                           |
| Color - Resin                  | Black                       |
| Durability (mating cycles max) | 50                          |
| Entry Angle                    | Vertical                    |
| Flammability                   | 94V-0                       |
| Lock to Mating Part            | None                        |
| Material - Metal               | Phosphor Bronze             |
| Material - Plating Mating      | Gold                        |
| Material - Plating Termination | Tin                         |
| Material - Resin               | Polyester Alloy             |
| Number of Rows                 | 1                           |
| PCB Retention                  | None                        |
| Packaging Type                 | Tube                        |
| Pitch - Mating Interface       | 2.54mm                      |
| Plating min - Mating           | 0.762µm                     |
| Plating min - Termination      | 1.905µm                     |
| Polarized to Mating Part       | No                          |
| Stackable                      | Yes                         |
| Surface Mount Compatible (SMC) | N/A                         |
| Temperature Range - Operating  | -40°C to +105°C             |
| Termination Interface: Style   | IDT or Pierce               |
| Wire Insulation Diameter       | 1.35mm max.                 |
| Wire Size AWG                  | 24                          |
| Wire/Cable Type                | Discrete Wire, Ribbon Cable |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | 70400-1056 |
|--------------------|------------|



*Series image - Reference only*

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |              |
|-----------------|--------------|
| China ROHS      | Not Reviewed |
| ELV             | Not Reviewed |
| RoHS Phthalates | Not Reviewed |

**Search Parts in this Series**

[70400 Series](#)

**Mates With**

Single Row Headers and Housings, [8624](#) , [70203](#) , [42375](#) , [42377](#)

**Use With**

[7307](#) Tinned 28AWG, [7767](#) Topcoat 28AWG, [24241](#) Tinned 26AWG, [8996](#) Topcoat 26AWG, [24226](#) Tinned 24AWG, [8997](#) Topcoat 24AWG, [24369](#) High Flex 26AWG, [24389](#) High Flex 24AWG

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-70873-0001

PS-70400-001, TS-70541-001-001

SDA-70400-1051-1074

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