

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

**Part Number:** [0014562021](#)  
**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, 0.38µm Gold (Au), 2 Circuits

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">Drawing (PDF)</a>  | <a href="#">Product Specification PS-46543-001-001 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a> | <a href="#">Packaging Specification PK-70873-0001-001 (PDF)</a> |
| <a href="#">3D Model</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 Capable | No                                    |
| Overview          | <a href="#">SL Modular Connectors</a> |
| Product Name      | SL                                    |
| UPC               | 800754215329                          |

**Physical**

|                                |                             |
|--------------------------------|-----------------------------|
| Circuits (Loaded)              | 2                           |
| 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             |
| Net Weight                     | 0.845/g                     |
| Number of Rows                 | 1                           |
| PCB Retention                  | None                        |
| Packaging Type                 | Tube                        |
| Pitch - Mating Interface       | 2.54mm                      |
| Plating min - Mating           | 0.381µm                     |
| Plating min - Termination      | 1.905µm                     |
| Polarized to Mating Part       | No                          |
| Stackable                      | Yes                         |
| Surface Mount Compatible (SMC) | N/A                         |
| Temperature Range - Operating  | -40° 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 | 704000526 |
|--------------------|-----------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**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](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|                        |                          |
|------------------------|--------------------------|
| IDT - Semi-automatic   | <a href="#">11200949</a> |
| - Bench-Top Terminator |                          |

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-70873-0001-001  
PS-46543-001-001  
DSD70400-DGN, SD-70400-010,  
SDA-70400-0526-0549

|                      |                  |
|----------------------|------------------|
| IDT Discrete         | <u>621000700</u> |
| Handtool Module      |                  |
| Ribbon Cable Tool    | <u>622016600</u> |
| Kit, Press Not       |                  |
| Included             |                  |
| Hawk Ribbon Cable    | <u>623003000</u> |
| Terminator without   |                  |
| Break-off            |                  |
| Hawk Semi-           | <u>623003100</u> |
| Automatic Discrete   |                  |
| Wire Terminator      |                  |
| Hawk Semi-           | <u>623004900</u> |
| Automatic Discrete   |                  |
| Wire Terminator      |                  |
| for Rebuilt CE       |                  |
| Approved*            |                  |
| Hawk Flat Flex Cable | <u>623005200</u> |
| Terminator with      |                  |
| Break-off            |                  |
| Hawk Ribbon Cable    | <u>623005300</u> |
| Terminator with      |                  |
| Break-off            |                  |

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