

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014562041

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), 4 Circuits

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Packaging Specification PK-70873-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                      |                                     |
|----------------------|-------------------------------------|
| Agency Certification |                                     |
| CSA                  | LR19980                             |
| UL                   | E29179                              |
| General              |                                     |
| Product Family       | Ribbon Cable / Wire Trap Connectors |
| Series               | 70400                               |
| Comments             | Terminals Preloaded                 |
| Component Type       | Housing                             |
| Glow-Wire Capable    | No                                  |
| Overview             | SL Modular Connectors               |
| Product Name         | SL                                  |
| Taxonomy             | Connector Housings                  |
| UPC                  | 800755528220                        |

|                                |                             |
|--------------------------------|-----------------------------|
| Physical                       |                             |
| Circuits (Loaded)              | 4                           |
| 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           | 0.381µm                     |
| 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 | 70400-0528 |



Series image - Reference only

|                                                               |              |
|---------------------------------------------------------------|--------------|
| EU ELV                                                        |              |
| Not Reviewed                                                  |              |
| EU RoHS                                                       | China RoHS   |
| Not Reviewed                                                  |              |
| REACH SVHC                                                    |              |
| Not Reviewed                                                  |              |
| Halogen-Free                                                  |              |
| Status                                                        |              |
| Not Reviewed                                                  |              |
| For more information, please visit <a href="#">Contact US</a> |              |
| 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

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 Discrete            | <a href="#">621000700</a> |
| Handtool Module         |                           |
| Ribbon Cable Tool       | <a href="#">622016600</a> |
| Kit, Press Not Included |                           |

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-70873-0001-001  
SD-70400-010-001, SDA-70400-0526-0549-001

This document was generated on 08/30/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**