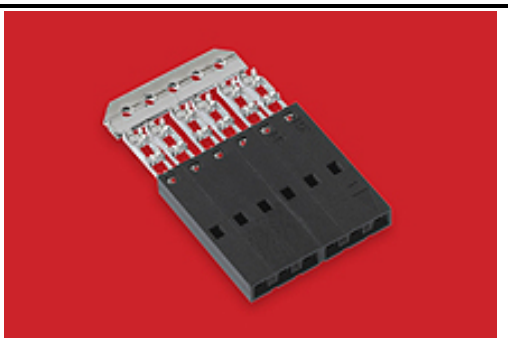
This document was generated on 07/31/2021

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

**Part Number:** 0014562091
**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), 9 Circuits



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
3D Model (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 |
| UPC | 800753760530 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 9 |
| 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 | 70400-0533 |

**EU ELV**
Not Reviewed

**EU RoHS**
Not Reviewed

**China RoHS**

**REACH SVHC**
Not Reviewed

**Halogen-Free Status**
Not Reviewed

For more information, please visit Contact US

| | |
|---|---|
| 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 - Semi-automatic - Bench-Top Terminator | 11200949 |
| IDT Discrete Handtool Module | 621000700 |

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | PK-70873-0001-001 |
| Sales Drawing | SD-70400-010, SDA-70400-0526-0549 |

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