

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

**Part Number:** **0014564180**  
**Status:** **Active**  
**Overview:** SL Modular Connectors  
**Description:** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version C, Front Ribs, Wire Size 24 AWG, 0.76µm Gold (Au), 18 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-0001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**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 800753986688

**Physical**

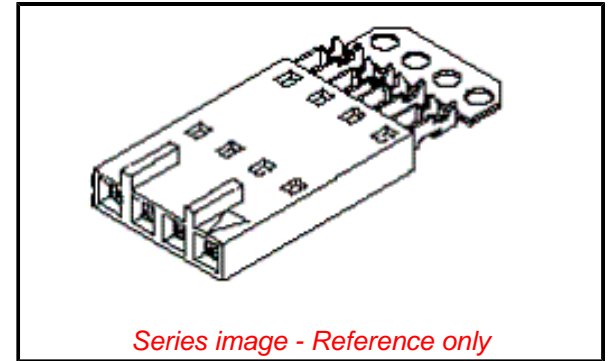
Circuits (Loaded) 18  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 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 Yes  
 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**

**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**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

**China RoHS**

**Search Parts in this Series**

[70400 Series](#)

**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 [11200949](#)

- Bench-Top

Terminator

IDT Discrete [621000700](#)

Handtool Module

Ribbon Cable Tool [622016600](#)

Kit, Press Not

Included

Packaging Specification  
Sales Drawing

PK-70873-0001-001  
SDA-70400-1086-1109

Hawk Ribbon Cable 623003000  
Terminator without  
Break-off  
Hawk Semi- 623003100  
Automatic Discrete  
Wire Terminator  
Hawk Semi- 623004900  
Automatic Discrete  
Wire Terminator  
for Rebuilt CE  
Approved\*  
Hawk Flat Flex Cable 623005200  
Terminator with  
Break-off  
Hawk Ribbon Cable 623005300  
Terminator with  
Break-off

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