

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

**Part Number:** **0014600058**  
**Status:** **Active**  
**Overview:** SL Modular Connectors  
**Description:** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version D, Back Ribs, Wire Size 24 AWG, 3.81µm Tin/Lead (SnPb), 5 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 800753765146

**Physical**

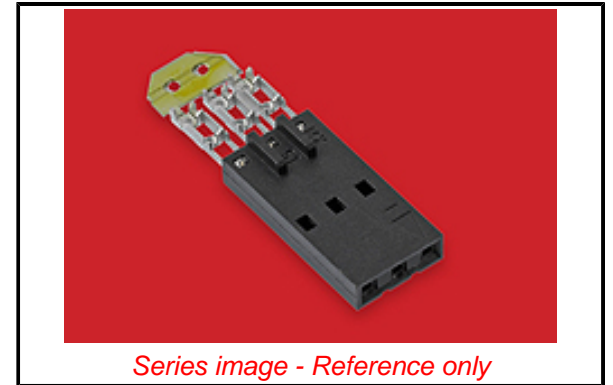
Circuits (Loaded) 5  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 Net Weight 0.457/g  
 Number of Rows 1  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Plating min - Mating 3.810µm  
 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**

Engineering Number 70400-0074



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

70400 Series

**Mates With**

SL 70004 Interim Clip (Single Row), 70013  
 Interim Clip (Dual Row)

**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 #**

Ribbon Cable Tool Kit, Press Not Included 622016600

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-70873-0001-001  
SDA-70400-0071-0094-001

Hawk Semi- 623003100  
Automatic Discrete  
Wire Terminator

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