

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

**Part Number:** [0014600031](#)  
**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, 3.81µm Tin/Lead (SnPb), 3 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

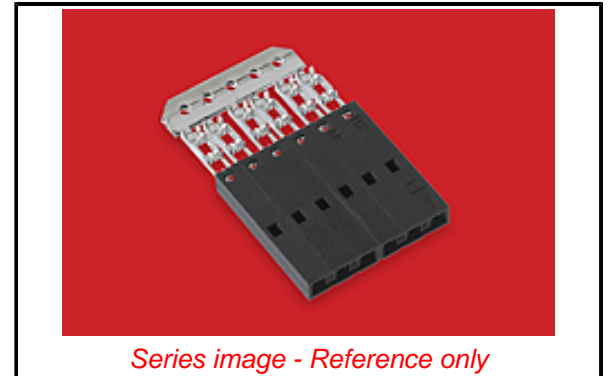
Product Family Ribbon Cable / Wire Trap Connectors  
 Series [70400](#)  
 Comments Terminals Preloaded  
 Component Type Housing  
 Gender Female  
 Glow-Wire Capable No  
 Overview [SL Modular Connectors](#)  
 Product Name SL  
 Taxonomy Connector Housings  
 UPC 800753764644

**Physical**

Circuits (Loaded) 3  
 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 1.176/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 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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**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**

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 [621000700](#)  
 Handtool Module

**Material Info**

Engineering Number

70400-0002

Ribbon Cable Tool <a href="#">622016600</a> Kit, Press Not Included
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**Reference - Drawing Numbers**

Packaging Specification

PK-70873-0001-001

Sales Drawing

SDA-70400-0001-0024-001

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