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**Part Number:** **0014566109**  
**Status:** **Active**  
**Overview:** SL Modular Connectors  
**Description:** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 22 AWG, 3.81µm Tin/Lead (Sn Pb), 10 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  
 Glow-Wire Capable No  
 Overview SL Modular Connectors  
 Product Name SL  
 UPC 800753763487

**Physical**

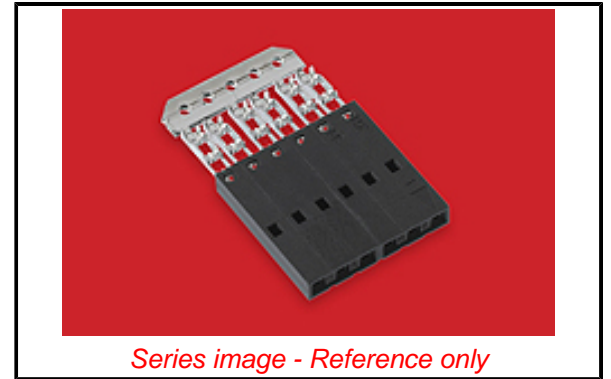
Circuits (Loaded) 10  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 Net Weight 0.911/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 22  
 Wire/Cable Type Discrete Wire, Ribbon Cable

**Electrical**

Current - Maximum per Contact 3.0A  
 Voltage - Maximum 250V

**Material Info**

Engineering Number 70400-3008



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ECHA\_01\_2020 (16  
 January 2020

**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 - Semi-automatic 11200949  
 - Bench-Top  
 Terminator

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-70873-0001-001  
SDA-70400-3000-3023

IDT Discrete	<u>621000700</u>
Handtool Module	
Ribbon Cable Tool	<u>622016600</u>
Kit, Press Not Included	
Hawk Ribbon Cable	<u>623003000</u>
Terminator without Break-off	
Hawk Semi- Automatic Discrete	<u>623003100</u>
Wire Terminator	
Hawk Semi- Automatic Discrete	<u>623004900</u>
Wire Terminator for Rebuilt CE Approved*	
Hawk Flat Flex Cable	<u>623005200</u>
Terminator with Break-off	
Hawk Ribbon Cable	<u>623005300</u>
Terminator with Break-off	

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