

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0014564095**
Status: **Active**
Overview: SL Modular Connectors
Description: 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version D, Back Ribs, Wire Size 28 AWG, 0.76µm Gold (Au), 9 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 800753985964

Physical

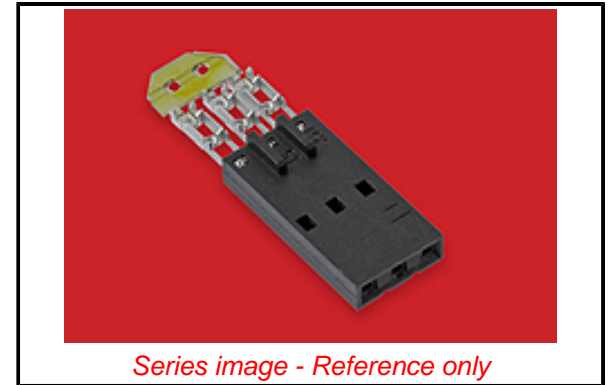
Circuits (Loaded) 9
 Color - Resin Black
 Durability (mating cycles max) 50
 Entry Angle Vertical
 Flammability 94V-0
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester Alloy
 Number of Rows 1
 PCB Retention None
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 0.762µm
 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 28
 Wire/Cable Type Discrete Wire, Ribbon Cable

Electrical

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

Material Info

Engineering Number 70400-1478



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

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 #
IDT - Semi-automatic	<u>11200949</u>
- Bench-Top Terminator	
IDT Discrete	<u>621000700</u>
Handtool Module	

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-70873-0001-001
SDA-70400-1471-1494

Ribbon Cable Tool [622016600](#)
Kit, Press Not
Included
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

This document was generated on 07/27/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[14-56-4095](#)