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Part Number: **0014563105**
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, 0.38µm Gold (Au), 10 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-70873-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-70400-001 \(PDF\)](#)

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 800754216968

Physical

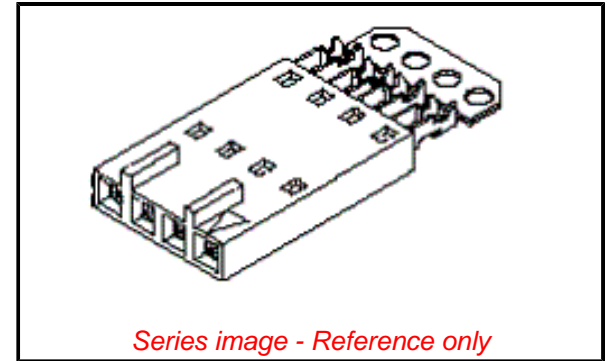
Circuits (Loaded) 10
 Color - Resin Black
 Durability (mating cycles max) 50
 Entry Angle Vertical
 Flammability 94V-0
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester Alloy
 Net Weight 0.892/g
 Number of Rows 1
 PCB Retention None
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 0.381µm
 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

Solder Process Data

Lead-freeProcess Capability N/A



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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

Material Info

Engineering Number

A704000569

Reference - Drawing Numbers

Packaging Specification

PK-70873-0001-001

Product Specification

PS-70400-001

Sales Drawing

SDA-70400-0561-0584

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

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