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Part Number: [0014562021](#)
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, 0.38µm Gold (Au), 2 Circuits

Documents:

3D Model	Product Specification TS-70541-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0001-001 (PDF)
Product Specification PS-46543-001-001 (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, Terminals Preloaded
Component Type	Housing
Glow-Wire Capable	No
Overview	SL Modular Connectors
Product Name	SL
UPC	800754215329

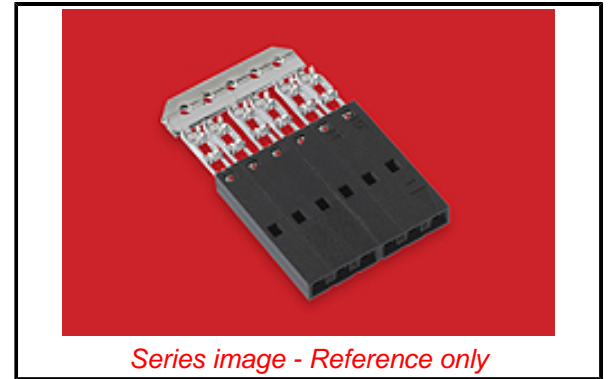
Physical

Circuits (Loaded)	2
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	0.845/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	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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

China RoHS

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	

Engineering Number

704000526

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-70873-0001-001

PS-46543-001-001, PS-70400-001, TS-70541-001-001

DSD70400-DGN, SD-70400-010,

SDA-70400-0526-0549

IDT Discrete 621000700

Handtool Module

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

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