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Part Number: [0014450212](#)
Status: **Active**
Overview: SL Modular Connectors
Description: 2.54mm Pitch SL Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 24 AWG, 3.81µm Tin (Sn), 12 Circuits

Documents:

3D Model	Product Specification 510651000-PS-KOR-000 (PDF)
Drawing (PDF)	Product Specification 510651000-PS-SPA-000 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-0001-001 (PDF)
Product Specification 510651000-PS-CHI-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 510651000-PS-JAP-000 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	70475
Comments	Terminals Preloaded
Component Type	Housing
Glow-Wire Capable	No
Overview	SL Modular Connectors
Product Name	SL
UPC	800753621763

Physical

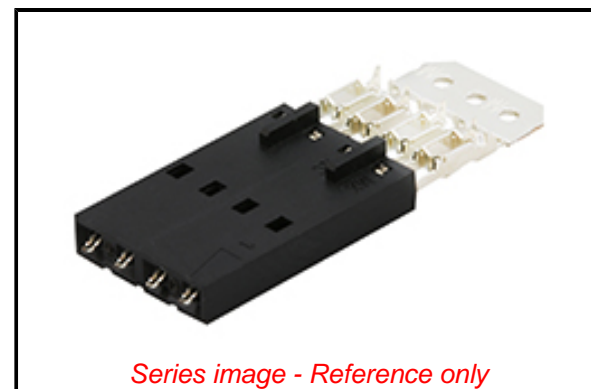
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Number of Rows	1
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
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

Engineering Number	A-70475-0081
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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

China RoHS

Search Parts in this Series

[70475 Series](#)

Mates With

[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 #

Ribbon Cable Tool Kit, Press Not Included	622016600
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Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-70873-0001-001

510651000-PS-CHI-000, 510651000-PS-JAP-000,
510651000-PS-KOR-000, 510651000-PS-SPA-000

SDA-70475-0071-0094-001

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