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Part Number: [0014445220](#)
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 22 AWG, 3.81µm Tin (Sn), 20 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 [70475](#)
 Comments Terminals Preloaded
 Component Type Housing
 Glow-Wire Capable No
 Overview [SL Modular Connectors](#)
 Product Name SL
 UPC 800754668859

Physical

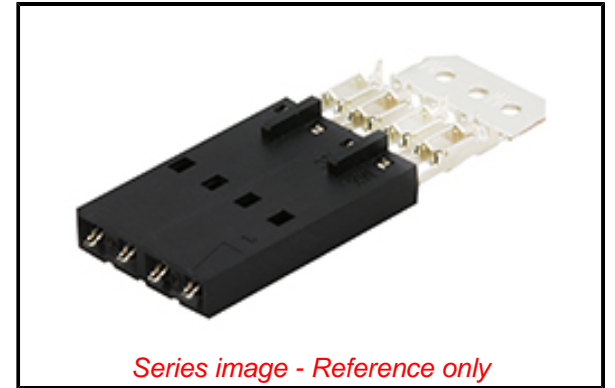
Circuits (Loaded) 20
 Circuits (maximum) 20
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester Alloy
 Net Weight 2.503/g
 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 22
 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



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

China RoHS

Green Image

Not Relevant

Not Contained

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 #

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-70873-0001-001
SDA-70475-2171-2194-

Ribbon Cable Tool 622016600
Kit, Press Not
Included

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