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**Part Number:** [0014441205](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 24 AWG, 0.38µm Gold (Au), 5 Circuits

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Ribbon Cable / Wire Trap Connectors
Series	<a href="#">70475</a>
Comments	Terminals Preloaded
Component Type	Housing
Glow-Wire Capable	No
Overview	sl_connectors
Product Name	SL
UPC	800753605718

**Physical**

Circuits (Loaded)	5
Circuits (maximum)	5
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	0.622/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	24
Wire/Cable Type	Discrete Wire, Ribbon Cable

**Electrical**

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

**Material Info**

Engineering Number	A-70475-0599
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**Reference - Drawing Numbers**

Packaging Specification	PK-70873-0001-001
Sales Drawing	SD-70475-0XXX-001, SDA-70475-0596-0619-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

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 #**

Ribbon Cable Tool Kit, Press Not Included	<a href="#">622016600</a>
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