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**Part Number:** [0014562122](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24 AWG, 0.38µm Gold (Au), 12 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
Series [70400](#)  
Comments Terminals Preloaded  
Component Type Housing  
Glow-Wire Compliant No  
Overview [SL™ Modular Connectors](#)  
Product Name SL™  
UPC 800753741973

**Physical**

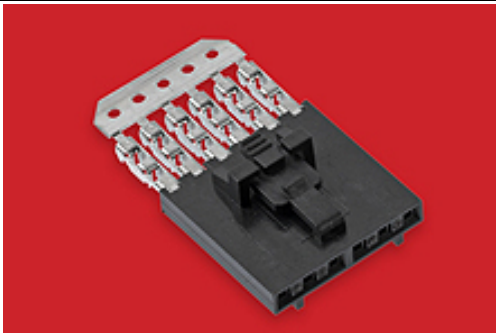
Circuits (Loaded) 12  
Color - Resin Black  
Durability (mating cycles max) 50  
Entry Angle Vertical  
Flammability 94V-0  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Polyester Alloy  
Net Weight 1.744/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°C 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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**

[70400 Series](#)

**Mates With**

Single Row Housing [70018](#) , [70107](#) Version  
A, [70107](#) Version B, [70543](#) , [70545](#) , [70553](#) ,  
[70555](#)

**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

**Material Info**

|                                    |                     |
|------------------------------------|---------------------|
| Engineering Number                 | A-70400-0676        |
| <b>Reference - Drawing Numbers</b> |                     |
| Packaging Specification            | PK-70873-0001       |
| Product Specification              | PS-70400-001        |
| Sales Drawing                      | SDA-70400-0666-0689 |

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