

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0014562042](#)  
**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), 4 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">3D Model (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Ribbon Cable / Wire Trap Connectors
Series	<a href="#">70400</a>
Comments	Terminals Preloaded
Component Type	Housing
Glow-Wire Capable	No
Overview	<a href="#">SL Modular Connectors</a>
Product Name	SL
UPC	800753742314

**Physical**

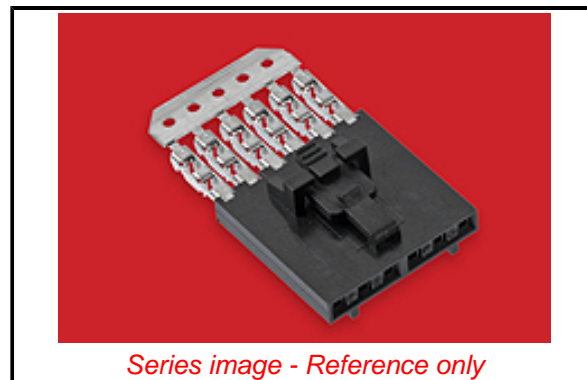
Circuits (Loaded)	4
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Net Weight	0.828/g
Number of Rows	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° 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-free Process Capability	N/A
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Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[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

**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**

Engineering Number

A-70400-0668

IDT - Semi-automatic 11200949  
- Bench-Top  
Terminator  
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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