



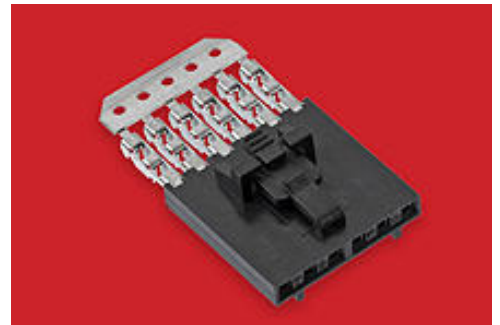
**Part Number :** [704002042](#)

**Product 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

**Series Number :** 70400

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[704002042\\_sd.pdf](#)

[PK-70873-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


### Specifications

[PS-70400-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Connector Housings
Series	70400
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
Component Type	Housing
Product Name	SL
UPC	822350201209

### Agency

CSA	LR19980
UL	E29179

### Electrical

Voltage - Maximum	250V
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### Physical

Circuits (Loaded)	4
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Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.828/g
Number of Rows	1
Packaging Type	Tube
PCB Retention	No
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	IDT or Pierce
Wire/Cable Type	Discrete Wire, Ribbon Cable
Wire Insulation Diameter	1.35mm max.
Wire Size (AWG)	24

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
SL Single Row Crimp Housings	<u>70107</u>
SL Single Row Housing Panel Mounts	<u>70018</u>
SL Vertical Single Row Headers	<u>70543</u>

SL Right-Angle, Single Row, Low Profile Headers	<u>70553</u>
SL Vertical Single Row Headers	<u>70541</u>
SL Right-Angle Single Row Headers	<u>70551</u>
SL Vertical Single Row Headers	<u>70545</u>
SL Right-Angle Single Row Headers	<u>70555</u>

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## Application Tooling

### Global

Description	Part Number
Ribbon Cable Tool Kit, Press Not Included	<u>622016600</u>

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