



**Part Number :** [14600102](#)

**Product Description :** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24 AWG, 3.81µm Tin/Lead (SnPb), 10 Circuits

**Series Number :** 70400

**Status :** Active

**Product Category :** Connector Housings

**Engineering Part Number :** A-70400-0149



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## Documents and Resources

### Drawings

[014600102\\_sd.pdf](#)

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

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

### [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

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## 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, 3.81µm Tin/Lead (SnPb), 10 Circuits
Comments	Terminals Preloaded
Component Type	Housing
Product Name	SL
UPC	800753605633

### Agency

CSA	LR19980
UL	E29179

### Electrical

Voltage - Maximum	250V
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### Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black

Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Number of Rows	1
Packaging Type	Tube
PCB Retention	None
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
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 Housing Panel Mounts	<a href="#"><u>70018</u></a>
SL Single Row Crimp Housings	<a href="#"><u>70107</u></a>
SL Vertical Single Row Headers	<a href="#"><u>70543</u></a>
SL Vertical Single Row Headers	<a href="#"><u>70545</u></a>
SL Right-Angle, Single Row, Low Profile Headers	<a href="#"><u>70553</u></a>

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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