



**Part Number :** [14568142](#)

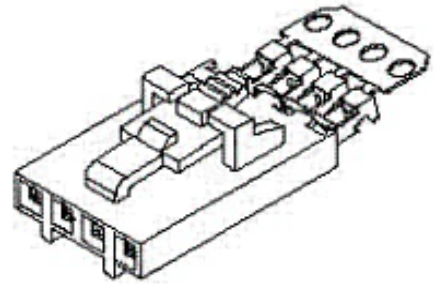
**Product Description :** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 22 AWG, 0.76µm Gold (Au), 14 Circuits

**Series Number :** 70400

**Status :** Active

**Product Category :** Connector Housings

**Engineering Number :** 70400-3502



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## Documents & Resources

### Drawings

[014568142\\_sd.pdf](#)

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

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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## Product Environment Compliance

### Compliance

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 22 AWG, 0.76µm Gold (Au), 14 Circuits
Comments	Terminals Preloaded
Component Type	Housing
Product Name	SL
UPC	800753990494

**Agency**

CSA	LR19980
UL	E29179

**Electrical**

Voltage - Maximum	250V
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**Physical**

Circuits (Loaded)	14
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 Alloy
Number of Rows	1
Packaging Type	Tube
PCB Retention	None
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762µm
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)	22

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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	<a href="#"><u>70555</u></a>

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# Application Tooling

## Global

Description	Part Number
IDT Discrete Handtool Module	<u>621000700</u>
Ribbon Cable Tool Kit, Press Not Included	<u>622016600</u>