



**Part Number :** [14562259](#)

**Product Description :** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 26 AWG, 0.76µm Gold (Au), 25 Circuits

**Series Number :** 70400

**Status :** Active

**Product Category :** Connector Housings

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## Documents and Resources

### Drawings

[014562259 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 A, Non-polarized, Wire Size 26 AWG, 0.76µm Gold (Au), 25 Circuits |
| Comments       | Terminals Preloaded                                                                                                                                       |
| Component Type | Housing                                                                                                                                                   |
| Product Name   | SL                                                                                                                                                        |
| UPC            | 800753983298                                                                                                                                              |

**Agency**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**Electrical**

|                   |      |
|-------------------|------|
| Voltage - Maximum | 250V |
|-------------------|------|

**Physical**

|                                |       |
|--------------------------------|-------|
| Circuits (Loaded)              | 25    |
| Circuits (maximum)             | 25    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 50    |

|                                |                             |
|--------------------------------|-----------------------------|
| Entry Angle                    | Vertical                    |
| Flammability                   | 94V-0                       |
| Gender                         | Female                      |
| Glow-Wire Capable              | No                          |
| Lock to Mating Part            | None                        |
| Material - Metal               | Phosphor Bronze             |
| Material - Plating Mating      | Gold                        |
| Material - Plating Termination | Tin                         |
| Material - Resin               | Polyester                   |
| 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       | No                          |
| 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)                | 26                          |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                   | Part Number                  |
|---------------------------------------------------------------|------------------------------|
| KK 254 Vertical Breakaway Headers with Friction Lock          | <a href="#"><u>42375</u></a> |
| KK 254 Right-Angle Surface Mount Compatible Breakaway Headers | <a href="#"><u>42377</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> |