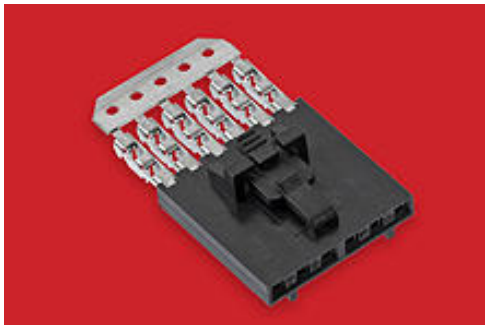




**Part Number :** [14567082](#)  
**Product Description :** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 22 AWG, 3.81µm Tin/Lead (SnPb), 8 Circuits  
**Series Number :** 70400  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Part Number :** 70400-3146



## Documents and Resources

### Drawings

[014567082\\_sd.pdf](#)  
[PK-70873-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

## 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 22 AWG, 3.81µm Tin/Lead (SnPb), 8 Circuits |
| Comments       | Terminals Preloaded                                                                                                                                            |
| Component Type | Housing                                                                                                                                                        |
| Product Name   | SL                                                                                                                                                             |
| UPC            | 800753763883                                                                                                                                                   |

### Agency

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

### Electrical

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

### Physical

|                   |   |
|-------------------|---|
| Circuits (Loaded) | 8 |
|-------------------|---|

|                                |                             |
|--------------------------------|-----------------------------|
| Circuits (maximum)             | 8                           |
| 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                   |
| Net Weight                     | 1.454/g                     |
| Number of Rows                 | 1                           |
| Packaging Type                 | Tube                        |
| PCB Retention                  | No                          |
| Pitch - Mating Interface       | 2.54mm                      |
| Plating min - Mating           | 3.810µm                     |
| Plating min - Termination      | 3.810µm                     |
| 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 | <u><a href="#">70018</a></u> |
| SL Single Row Crimp Housings       | <u><a href="#">70107</a></u> |
| SL Vertical Single Row Headers     | <u><a href="#">70543</a></u> |

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

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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> |

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