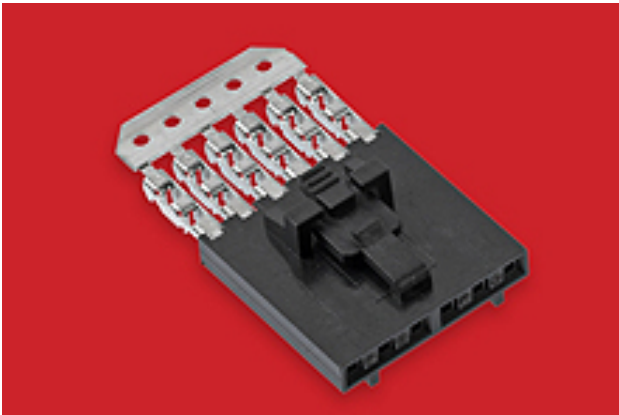




**Part Number :** [14562036](#)  
**Product Description :** 2.54mm Pitch SL  
Insulation Displacement Connector Assembly,  
Female, Single Row, Version G, Positive Lock,  
Wire Size 28 AWG, 0.38µm Gold (Au), 3  
Circuits  
**Series Number :** 70400  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 70400-1017



Documents & Resources

**Drawings**  
[Drawing 014562036\\_sd.pdf](#)  
[Packaging Design Drawing PK-70873-0001-001.pdf](#)

**3D Models and Design Files**  
[3D Model 014562036\\_stp.zip](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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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 28 AWG, 0.38µm Gold (Au), 3 Circuits |
| Comments       | Terminals Preloaded                                                                                                                                      |
| Component Type | Housing                                                                                                                                                  |
| Product Family | SL Modular Connectors                                                                                                                                    |
| Product Name   | SL                                                                                                                                                       |
| UPC            | 800755034301                                                                                                                                             |

#### Agency

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

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

#### Physical

|                                |          |
|--------------------------------|----------|
| Circuits (Loaded)              | 3        |
| 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             |
| Net Weight                     | 0.591/g                     |
| Number of Rows                 | 1                           |
| Packaging Type                 | Tube                        |
| PCB Retention                  | None                        |
| 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)                | 28                          |

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## Mates With / Use With

### Mates with Part(s)

| Description                                     | Part Number  |
|-------------------------------------------------|--------------|
| SL Single Row Housing Panel Mounts              | <u>70018</u> |
| SL Single Row Crimp Housings                    | <u>70107</u> |
| SL Vertical Single Row Headers                  | <u>70543</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>0621000700</u> |
| Ribbon Cable Tool Kit, Press Not Included | <u>0622016600</u> |