



**Part Number :** 14442105

**Product Description :** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 28 AWG, 0.38µm Gold (Au), 5 Circuits

**Series Number :** 70475

**Status :** Active

**Product Category :** Connector Housings

**Engineering Number :** 70475-0949

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## Documents & Resources

### Drawings

Drawing 014442105\_sd.pdf

Packaging Design Drawing PK-70873-0001-001.pdf

### 3D Models and Design Files

3D Model 014442105\_stp.zip

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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 |

### 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         | 70475                                                                                                                                                  |
| Description    | 2.54mm Pitch SL Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 28 AWG, 0.38µm Gold (Au), 5 Circuits |
| Comments       | Terminals Preloaded                                                                                                                                    |
| Component Type | Housing                                                                                                                                                |
| Product Family | SL Modular Connectors                                                                                                                                  |
| Product Name   | SL                                                                                                                                                     |
| UPC            | 800755033069                                                                                                                                           |

### Agency

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

### Electrical

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

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 5               |
| Circuits (maximum)             | 5               |
| Color - Resin                  | Black           |
| Durability (mating cycles max) | 50              |
| Entry Angle                    | Vertical        |
| Flammability                   | 94V-0           |
| Gender                         | Male            |
| Glow-Wire Capable              | No              |
| Lock to Mating Part            | None            |
| 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                      |
| 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)               | 28                          |

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## Mates With / Use With

### Mates with Part(s)

| Description             | Part Number  |
|-------------------------|--------------|
| 2.54mm SL Interim Clips | <u>70013</u> |

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## Application Tooling

### Global

| Description                               | Part Number      |
|-------------------------------------------|------------------|
| Ribbon Cable Tool Kit, Press Not Included | <u>622016600</u> |