



Part Number : 14441214

Series Number : 70475

Product Category : Connector Housings

Product Description : 2.54mm Pitch SL Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 24 AWG, 0.38µm Gold (Au), 14 Circuits

Status : Active

Engineering Number : 70475-0608

Documents & Resources

Drawings

Drawing 014441214\_sd.pdf

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

3D Models and Design Files

3D Model 014441214\_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(2024)4144-DC (27 June 2024)                                       |
| 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)

## 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 24 AWG, 0.38µm Gold (Au), 14 Circuits |
| Comments       | Terminals Preloaded                                                                                                                                     |
| Component Type | Housing                                                                                                                                                 |
| Product Family | SL Modular Connectors                                                                                                                                   |
| Product Name   | SL                                                                                                                                                      |
| UPC            | 800755032802                                                                                                                                            |

### Agency

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

### Electrical

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

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 14              |
| Circuits (maximum)             | 14              |
| 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             |
| Net Weight                     | 2.710/g                     |
| 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)                | 24                          |

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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> |