



Part Number : 14562046

Series Number : 70400

Product Category : Connector Housings

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), 4 Circuits

Status : Active


Engineering Number : 704001018

Documents & Resources

- Drawings**
- [Drawing 014562046_sd.pdf](#)
 - [Packaging Design Drawing PK-70873-0001-001.pdf](#)
- 3D Models and Design Files**
- [3D Model 014562046_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 | 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), 4 Circuits |
| Comments | Terminals Preloaded |
| Component Type | Housing |
| Product Family | SL Modular Connectors |
| Product Name | SL |
| UPC | 800754215732 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 4 |
| 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 | 0.764/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 |

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> |

Application Tooling

Global

| Description | Part Number |
|-------------|-------------|
|-------------|-------------|

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

This document was generated on Aug 13, 2024