



Part Number : [14600036](#)

Product Description : 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 28 AWG, 3.81µm Tin/Lead (SnPb), 3 Circuits

Series Number : 70400

Status : Active

Product Category : Connector Housings

Engineering Part Number : 704000492



Documents and Resources

Drawings

[014600036_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 28 AWG, 3.81µm Tin/Lead (SnPb), 3 Circuits |
| Comments | Terminals Preloaded |
| Component Type | Housing |
| Product Name | SL |
| UPC | 800754218573 |

Agency

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

Electrical

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

Physical

| | |
|-------------------|---|
| Circuits (Loaded) | 3 |
|-------------------|---|

| | |
|--------------------------------|-----------------------------|
| Circuits (maximum) | 3 |
| 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 | 0.597/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) | 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 |
|-------------------------------------------|------------------|
| IDT Discrete Handtool Module | <u>621000700</u> |
| Ribbon Cable Tool Kit, Press Not Included | <u>622016600</u> |

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