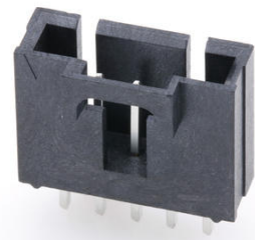




**Part Number :** [1719710105](#)  
**Product Description :** 2.54mm Pitch SL Header,  
Single Row, Vertical, LCP, Shrouded, Through Hole,  
0.38µm Selective Gold (Au) Plating, 5 Circuits  
**Series Number :** 171971  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[1719710105 sd.pdf](#)  
[1719710000-PK-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[1719710000-PS-000.pdf](#)  
[PS-70400-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                              |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| 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       | PCB Headers and Receptacles                                                                                               |
| Series         | 171971                                                                                                                    |
| Description    | 2.54mm Pitch SL Header, Single Row, Vertical, LCP, Shrouded, Through Hole, 0.38µm Selective Gold (Au) Plating, 5 Circuits |
| Application    | Signal, Wire-to-Board                                                                                                     |
| Component Type | PCB Header                                                                                                                |
| Product Name   | SL                                                                                                                        |
| UPC            | 889056784542                                                                                                              |

### Electrical

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

### Physical

|                    |       |
|--------------------|-------|
| Breakaway          | No    |
| Circuits (Loaded)  | 5     |
| Circuits (maximum) | 5     |
| Color - Resin      | Black |

|                                |                        |
|--------------------------------|------------------------|
| First Mate / Last Break        | No                     |
| Glow-Wire Capable              | No                     |
| Guide to Mating Part           | No                     |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | Brass                  |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.997/g                |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Tube                   |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| PCB Thickness - Recommended    | 1.57mm                 |
| PC Tail Length                 | 3.30mm                 |
| Pitch - Mating Interface       | 2.54mm                 |
| Pitch - Termination Interface  | 2.54mm                 |
| Plating min - Mating           | 0.380µm                |
| Plating min - Termination      | 2.000µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Shrouded                       | Fully                  |
| Temperature Range - Operating  | -40° to +105°C         |
| Termination Interface Style    | Through Hole           |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                       | Part Number  |
|-------------------------------------------------------------------|--------------|
| SL Single Row Female Insulation Displacement Connector Assemblies | <u>70400</u> |
| SL Single Row Crimp Housings and CPA Retainers                    | <u>70066</u> |

|                                  |              |
|----------------------------------|--------------|
| SL Single Row Female Receptacles | <u>70430</u> |
|----------------------------------|--------------|

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