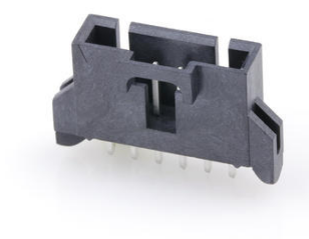




**Part Number :** [1719720006](#)  
**Product Description :** 2.54mm Pitch SL Header,  
Single Row, Vertical, LCP, Shrouded, Through Hole,  
with Pegs, Matte Tin (Sn) Plating, 6 Circuits  
**Series Number :** 171972  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[1719720006 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         |  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)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

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**Part Details**

**General**

|                |                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                   |
| Category       | PCB Headers and Receptacles                                                                                              |
| Series         | 171972                                                                                                                   |
| Description    | 2.54mm Pitch SL Header, Single Row, Vertical, LCP, Shrouded, Through Hole, with Pegs, Matte Tin (Sn) Plating, 6 Circuits |
| Application    | Wire-to-Board                                                                                                            |
| Component Type | PCB Header                                                                                                               |
| Product Name   | SL                                                                                                                       |
| UPC            | 889056787369                                                                                                             |

**Agency**

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

**Electrical**

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

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Breakaway                      | No                           |
| Circuits (Loaded)              | 6                            |
| Circuits (maximum)             | 6                            |
| Color - Resin                  | Black                        |
| First Mate / Last Break        | No                           |
| Gender                         | Male                         |
| Glow-Wire Capable              | No                           |
| Guide to Mating Part           | Yes                          |
| Keying to Mating Part          | No                           |
| Lock to Mating Part            | Yes                          |
| Material - Metal               | Brass                        |
| Material - Plating Mating      | Matte Tin                    |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer (LCP) |
| Mounting Style                 | Through Hole                 |
| Net Weight                     | 1.316/g                      |
| Number of Rows                 | 1                            |
| Orientation                    | Vertical                     |
| Packaging Type                 | Tube                         |
| PCB Locator                    | Yes                          |
| PCB Retention                  | Yes                          |
| PCB Thickness - Recommended    | 1.57mm                       |
| PC Tail Length                 | 3.30mm                       |
| Pitch - Mating Interface       | 2.54mm                       |
| Pitch - Termination Interface  | 2.54mm                       |
| Plating min - Mating           | 2.540µm                      |
| Plating min - Termination      | 2.540µm                      |
| Polarized to Mating Part       | Yes                          |
| Polarized to PCB               | Yes                          |
| Shrouded                       | Shrouded                     |
| 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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