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Part Number:

1719710225

Status:

Active

Overview:

SL Modular Connectors

Description:

2.54mm Pitch SL Header, Single Row, Vertical, LCP, Shrouded, Through Hole, 0.75µm Selective Gold (Au) Plating, 25 Circuits

Documents:

- 3D Model

Product Specification PS-70400-001 (PDF)
- Drawing (PDF)

Packaging Specification 1719710000-PK-000 (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 1719710000-PS-000 (PDF)

General

|                |                       |
|----------------|-----------------------|
| Product Family | PCB Headers           |
| Series         | 171971                |
| Application    | Signal, Wire-to-Board |
| Overview       | SL Modular Connectors |
| Product Name   | SL                    |
| UPC            | 889056784986          |

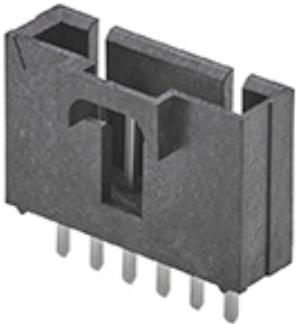
Physical

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 25                     |
| Circuits (maximum)             | 25                     |
| 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                     | 4.376/g                |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| PC Tail Length                 | 3.30mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| PCB Thickness - Recommended    | 1.57mm                 |
| Packaging Type                 | Tube                   |
| Pitch - Mating Interface       | 2.54mm                 |
| Pitch - Termination Interface  | 2.54mm                 |
| Plating min - Mating           | 0.750µm                |
| 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           |

Electrical

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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171971 Series

Mates With

SL Insulation Displacement Connector  
Assembly [70400](#) (Version G) <br>SL  
Receptacle [70430](#) (Version G), [70066](#)  
(Version G and N)

**Reference - Drawing Numbers**

|                         |                                 |
|-------------------------|---------------------------------|
| Packaging Specification | 1719710000-PK-000               |
| Product Specification   | 1719710000-PS-000, PS-70400-001 |
| Sales Drawing           | 1719710000-SD-000               |

This document was generated on 10/04/2021

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