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Part Number: [0740990607](#)
Status: **Active**
Overview: SL Modular Connectors
Description: SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 7 Circuits, Tin (Sn) Plating, Packaging Tape and Reel with Pick-and-Place Cap
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17197306071719730607> (drop-in)

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-70541-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-9000-001 (PDF) |
| 3D Model (PDF) | Test Summary TS-70541-100-001 (PDF) |
| Product Specification PS-70400-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|-------------------------|---------------------------------------|
| Product Family | PCB Headers |
| Series | 74099 |
| Application | Signal, Wire-to-Board |
| Overview | SL Modular Connectors |
| Product Name | SL |
| Replacement Part Number | 1719730607 (drop-in) |
| UPC | 887191449852 |

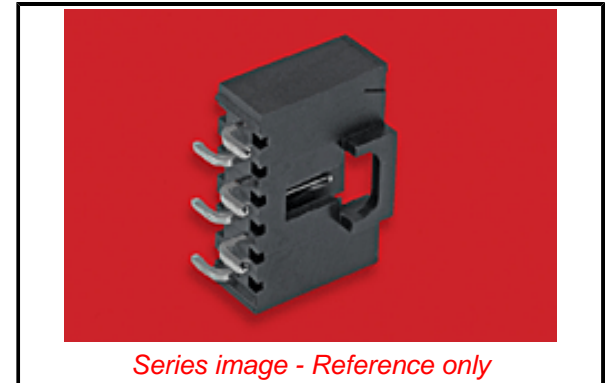
Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 1.586/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Thickness - Recommended | 1.57mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 2.54mm |
| Plating min - Mating | 3.810µm |
| Plating min - Termination | 3.810µm |
| Polarized to Mating Part | Yes |
| Shrouded | Fully |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74099](#) Series

Mates With

SL Crimp Housing [70400](#) Option G, [70430](#)
Option G, [70066](#) Option G

Use With

SL Crimp Terminals [70058](#) , [71851](#)

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 040 |
| Lead-freeProcess Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 245 |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|----------------------------|
| Packaging Specification | PK-70873-9000-001 |
| Product Specification | PS-70400-001, PS-70541-001 |
| Sales Drawing | SD-74099-1000-001 |
| Test Summary | TS-70541-100-001 |

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