

molex 0015916169 SL Modular Connectors 2.54mm Pitch SL Wire to Board Header User Guide

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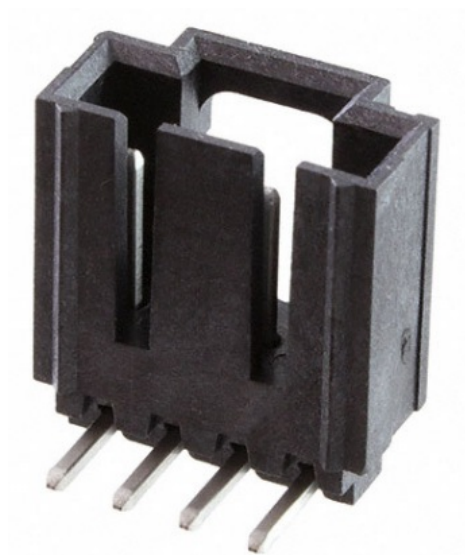


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molex 0015916169 SL Modular Connectors 2.54mm Pitch SL Wire to Board Header



Product Information

- Part Number: 0015916169
- Status: Active
- Overview: SL Modular Connectors 2.54mm Pitch SL Wire-to-Board
- Header, Low Profile, Surface Mount, Single Row, Right-Angle, 3.05mm
- Pocket, Shrouded, with Press-fit Plastic Peg, 16 Circuits, Tin (Sn)
- Plating, Embossed Tape Packaging
- Replacement Part Number: SL 1719771016 (drop-in)
- Agency Certification: CSA, UL
- General Product Family: PCB Headers
- Series: 70634
- Application: Signal, Wire-to-Board
- Taxonomy UPC: 800756084947
- EU ELV: Not Relevant
- EU RoHS: Compliant
- China RoHS: Compliant
- REACH SVHC: Not Contained Per – D(2022)4187-DC (10 June 2022)
- Halogen-Free Status: Not Low-Halogen
- China ROHS ELV RoHS Phthalates Green Image: Not Relevant
- Mates With: SL Crimp Housing 70066 Option N, 70066 Option G, 70066 Option A, 70430 Option G, 70400 Option G
- Electrical Current – Maximum per Contact: 3.0A
- Voltage – Maximum: 250V
- Solder Process Data: Lead-free
- Process Capability: Reflow
- Process Temperature max. C: 260
- Material Info Engineering Number: 70634-0120
- Reference – Drawing Numbers: PK-70873-001-001, PS-70400-001, PS-70541-001, 706340000-SD-000, TS-70541-100-001

Product Usage Instructions

1. Ensure that the SL Modular Connectors are compatible with your specific application and requirements.
2. Follow the provided agency certifications (CSA, UL) for safety and compliance.
3. Refer to the general product family (PCB Headers) and series (70634) for identification and compatibility.
4. Review the application overview to understand the intended use of the SL Modular Connectors.
5. Check the replacement part number (SL 1719771016) for alternative options or compatibility.
6. If necessary, visit the provided website (WWW.MOLEX.COM) for the latest part information.
7. Take note of the electrical current and voltage maximums (3.0A, 250V) to ensure proper usage.
8. Refer to the solder process data for information on lead-free processes.
9. Follow the specified process capability (reflow) and maximum process temperature (260°C) during installation.
10. Refer to the material info engineering number (70634-0120) for specific material details.
11. Consult the provided reference drawing numbers for additional technical specifications and details.

Please note that the above instructions are general guidelines. It is recommended to consult the complete user manual for detailed instructions and specific usage scenarios.



Documents

- [Drawing \(PDF\) Packaging Specification PK-70873-001-001 \(PDF\)](#)
- [Product Specification PS-70400-001 \(PDF\) Test Summary TS-70541-100-001 \(PDF\)](#)
- [Product Specification PS-70541-001 \(PDF\) RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

- CSA LR19980 UL E29179
- General Product Family PCB Headers
- Series 70634 Application Signal, Wire-to-Board
- Overview SL Modular Connectors
- Product Name SL
- Replacement Part Number 1719771016 (drop-in)
- Taxonomy PCB Headers and Receptacles
- UPC 800756084947
- Physical Breakaway No
- Circuits (Loaded) 16
- Circuits (maximum) 16
- Color – Resin Black
- Durability (mating cycles max) 25
- Flammability 94V-0
- Glow-Wire Capable No
- Lock to Mating Part Yes
- Material – Metal Brass, Phosphor Bronze
- Material – Plating Mating Tin
- Material – Plating Termination Tin
- Material – Resin High-Temperature Thermoplastic
- Net Weight 3.635/g
- Number of Rows 1
- Orientation Right Angle

- PCB Locator Yes
- PCB Retention Yes

PCB Thickness – Recommended 1.60mm

- 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
- Polarized to PCB Yes
- Shrouded Fully
- Stackable No
- Temperature Range – Operating -40° to +105°C
- Termination Interface: Style Surface Mount

EU ELV Not Relevant

- EU RoHS China RoHS
- Compliant REACH SVHC
- Not Contained Per –
- D(2022)4187-DC (10
- June 2022)
- Halogen-Free
- Status Not 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

- 70634 Series
- Mates With SL Crimp Housing 70066 Option N, 70066
- Option G, 70066 Option A, 70430 Option G, 70400 Option G

Electrical

- Current – Maximum per Contact 3.0A
- Voltage – Maximum 250V
- Solder Process Data
- Lead-free process Capability REFLOW
- Process Temperature max. C 260

Material Info

- Engineering Number 70634-0120
- Reference – Drawing Numbers
- Packaging Specification PK-70873-001-001
- Product Specification PS-70400-001, PS-70541-001
- Sales Drawing 706340000-SD-000
- Test Summary TS-70541-100-001
- This document was generated on 09/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR THE LATEST PART INFORMATION

Documents / Resources

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References

- [Creating Connections for Life | Molex](#)
- [Low-Halogen Information | Molex](#)
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