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Part Number:

0740990011

Status:

Active

Overview:

SL Modular Connectors

Description:

SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 11 Circuits, Tin (Sn) Plating

Replacement Part Number :

http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17197300111719730011 (drop-in)



Series image - Reference only

|                                                          |                                                                |
|----------------------------------------------------------|----------------------------------------------------------------|
| Documents:                                               |                                                                |
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-70541-001 (PDF)</a>       |
| <a href="#">3D Model (PDF)</a>                           | <a href="#">Packaging Specification PK-70873-003-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary TS-70541-100-001 (PDF)</a>            |
| <a href="#">Product Specification PS-70400-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | PCB Headers                    |
| Series                         | 74099                          |
| Application                    | Signal, Wire-to-Board          |
| Component Type                 | PCB Header                     |
| Overview                       | SL Modular Connectors          |
| Product Name                   | SL                             |
| Replacement Part Number        | 1719730011 (drop-in)           |
| Taxonomy                       | PCB Headers and Receptacles    |
| UPC                            | 756054640357                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 11                             |
| Circuits (maximum)             | 11                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.153/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tube                           |
| 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                           |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

74099 Series

Mates With

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

|                                                |        |
|------------------------------------------------|--------|
| Voltage - Maximum                              | 250V   |
| <b>Solder Process Data</b>                     |        |
| 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-70873-003-001           |
| Product Specification   | PS-70400-001, PS-70541-001 |
| Sales Drawing           | SD-74099-001-001           |
| Test Summary            | TS-70541-100-001           |

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