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**Part Number:** [74099-0608](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** SL™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 8 Circuits, Tin (Sn) Plating, Packaging Tape and Reel with Pick-and-Place Cap

**Documents:**

[Drawing \(PDF\)](#) [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™  
 UPC 887191449869

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 1.762/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°C to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 3A  
 Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 40  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 245

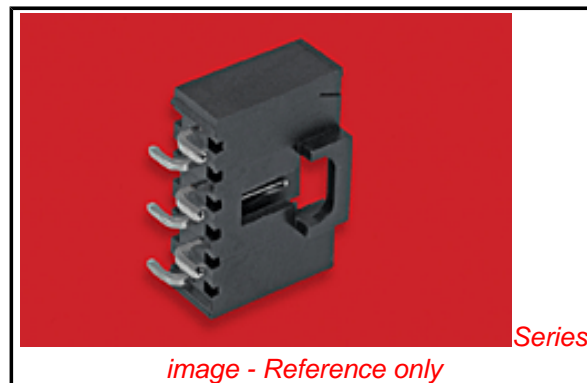


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[74099Series](#)

**Mates With**

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

**Use With**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SD-74099-1000

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