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**Part Number:** [0740991012](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** SL™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 12 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**

[3D Model](#) [Test Summary TS-70541-100 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-70400 \(PDF\)](#)

**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 756054578070

**Physical**

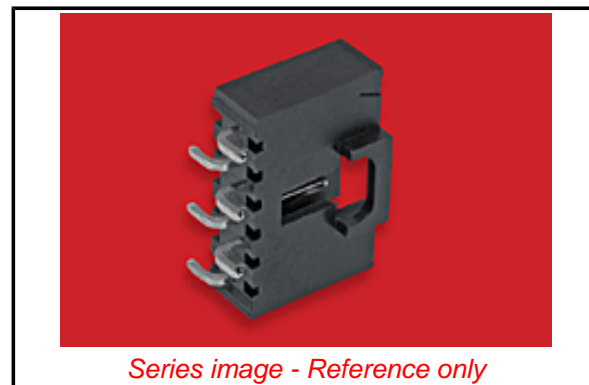
Breakaway No  
 Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Material - Metal Brass, Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 2.326/g  
 Number of Rows 1  
 Orientation Vertical  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 1.905µm  
 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 3.0A  
 Voltage - Maximum 250V

**Solder Process Data**

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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[74099 Series](#)

**Mates With**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

Test Summary

PS-70400

SD-74099-001

TS-70541-100

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