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Part Number: [74099-0610](#)
Status: **Active**
Overview: [SL™ Modular Connectors](#)
Description: SL™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 10 Circuits, Tin (Sn) Plating, Packaging Tape and Reel with Pick-and-Place Cap

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-70541 \(PDF\)](#)
[Product Specification PS-70400 \(PDF\)](#) [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 887191449883

Physical

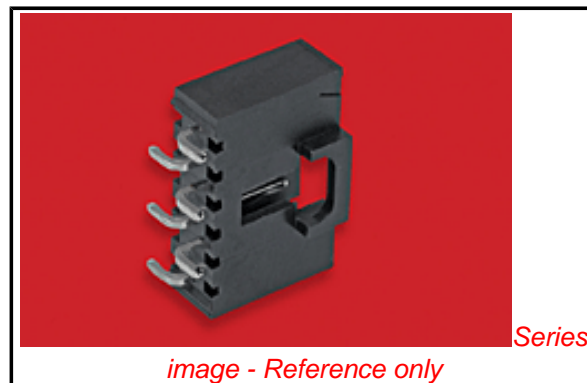
Breakaway No
 Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.113/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



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
 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

Product Specification

Sales Drawing

PS-70400, PS-70541

SD-74099-1000

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