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Part Number:

0740990606

Status:

Active

Overview:

SL™ Modular Connectors

Description:

SL™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 6 Circuits, Tin (Sn) Plating, Packaging Tape and Reel with Pick-and-Place Cap

Documents:

- 3D Model

Product Specification TS-70541-100-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-9000 (PDF)
- Product Specification PS-70400-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-70541-001 (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

887191449845

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

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

1.410/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

3.0A

Voltage - Maximum

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

040

Lead-freeProcess Capability

REFLOW

Max. Cycles at Max. Process Temperature

003



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

74099 Series

Mates With

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

Use With

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

Process Temperature max. C	245
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-9000
Product Specification	PS-70400-001, PS-70541-001, TS-70541-100-001
Sales Drawing	SD-74099-1000

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