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Part Number:

0740991016

Status:

Active

Overview:

SL Modular Connectors

Description:

SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 16 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

- 3D Model

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

Product Specification TS-70541-100-001 (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

Data Load Status

Post Go-Live Rev. Not Verified

Made From

0705430214

Overview

SL Modular Connectors

Product Name

SL

UPC

822348747870

Physical

Breakaway

No

Circuits (Loaded)

16

Circuits (maximum)

16

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

No

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

3.062/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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 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

Lead-free	Process Capability	REFLOW
Max. Cycles at Max. Process Temperature		003
Process Temperature max. C		245
Material Info		
Reference - Drawing Numbers		
Product Specification		PS-70400-001, PS-70541-001, TS-70541-001-001, TS-70541-100-001
Sales Drawing		SD-74099-001

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