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Part Number:

0705530048

Status:

Active

Overview:

SL Modular Connectors

Description:

2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 14 Circuits, Tin (Sn) Plating

Documents:

- 3D Model

Packaging Specification PK-70873-0015-001 (PDF)
- Drawing (PDF)

Test Summary 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

70553

Application

Signal, Wire-to-Board

Component Type

PCB Header

Overview

SL Modular Connectors

Product Name

SL

Taxonomy

PCB Headers and Receptacles

UPC

800754260183

Physical

Breakaway

No

Circuits (Loaded)

14

Circuits (maximum)

14

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

3.105/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.30mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tube

Pitch - Mating Interface

2.54mm

Plating min - Mating

3.810µm

Plating min - Termination

3.810µm

Polarized to Mating Part

Yes

Shrouded

Fully

Stackable

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

70553 Series

Mates With

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

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

**Solder Process Data**

|                             |      |
|-----------------------------|------|
| Lead-freeProcess Capability | WAVE |
|-----------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                         |                            |
|-------------------------|----------------------------|
| Packaging Specification | PK-70873-0015-001          |
| Product Specification   | PS-70400-001, PS-70541-001 |
| Sales Drawing           | SDA-70553-XXXX-001         |
| Test Summary            | TS-70541-100-001           |

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