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Part Number:

0705530004

Status:

Active

Overview:

SL Modular Connectors

Description:

2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 5 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-70400-001 \(PDF\)](#)
- [Product Specification PS-70541-001 \(PDF\)](#)
- [Product Specification TS-70541-100-001 \(PDF\)](#)
- [Packaging Specification PK-70873-0015 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

70553

Application

Signal, Wire-to-Board

Overview

SL Modular Connectors

Product Name

SL

UPC

800753597396

Physical

Breakaway

No

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Black

Durability (mating cycles max)

50

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

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

1.112/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

0.381µm

Plating min - Termination

1.905µm

Polarized to Mating Part

Yes

Shrouded

Fully

Stackable

No

Temperature Range - Operating

-40° to +105°C

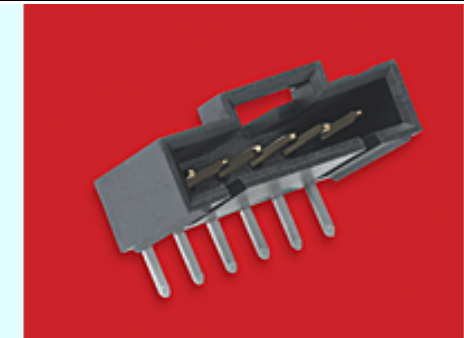
Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/61/2018 (27 June  
2018)

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

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| Voltage - Maximum                              | 250V                                         |
| <b>Solder Process Data</b>                     |                                              |
| Duration at Max. Process Temperature (seconds) | 003                                          |
| Lead-freeProcess Capability                    | WAVE                                         |
| Max. Cycles at Max. Process Temperature        | 001                                          |
| Process Temperature max. C                     | 260                                          |
| <b>Material Info</b>                           |                                              |
| Engineering Number                             | A-70553-0004                                 |
| <b>Reference - Drawing Numbers</b>             |                                              |
| Packaging Specification                        | PK-70873-0015                                |
| Product Specification                          | PS-70400-001, PS-70541-001, TS-70541-100-001 |
| Sales Drawing                                  | SDA-70553-****                               |

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