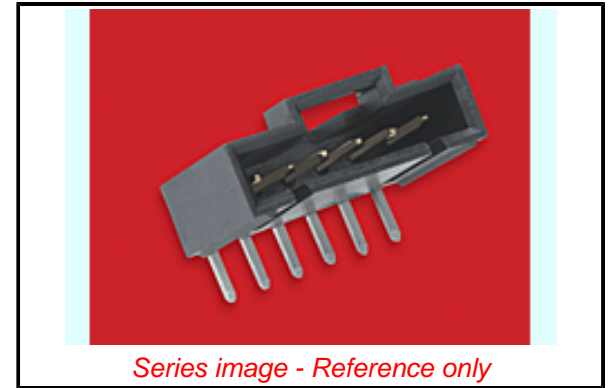


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Part Number: **0705530008**
Status: **Active**
Overview: SL Modular Connectors
Description: 2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 9 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

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 | <u>70553</u> |
| Application | Signal, Wire-to-Board |
| Overview | <u>SL Modular Connectors</u> |
| Product Name | SL |
| UPC | 800754354455 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| 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 | 1.892/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 |
|-------------------------------|------|

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

Solder Process Data

Lead-free Process 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

This document was generated on 01/17/2022

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