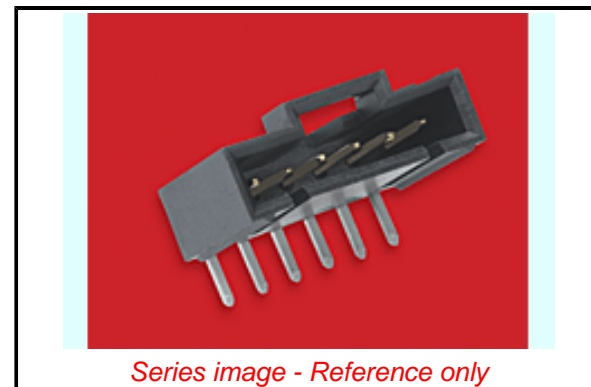


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Part Number: **0705530008**
Status: **Active**
Overview: SL Modular Connectors
Description: 2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 9 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

| | |
|--|--|
| 3D Model | Product Specification TS-70541-001-001 (PDF) |
| Drawing (PDF) | Product Specification TS-70541-100-001 (PDF) |
| Product Specification PS-70400-001 (PDF) | Packaging Specification PK-70873-0015 (PDF) |
| Product Specification PS-70541-001 (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 | 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 - ED/61/2018 (27 June 2018)

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-freeProcess Capability | WAVE |
| Material Info | |
| Reference - Drawing Numbers | |
| Packaging Specification | PK-70873-0015 |
| Product Specification | PS-70400-001, PS-70541-001, TS-70541-001-001, TS-70541-100-001 |
| Sales Drawing | SDA-70553-XXXX |

This document was generated on 03/18/2019

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