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**Part Number:** [0705550087](#)  
**Status:** **Active**  
**Overview:** [SL Modular Connectors](#)  
**Description:** 2.54mm Pitch SL Header, Single Row, Right Angle, 3.05mm Pocket, Shrouded, with Press-fit Plastic Peg, 18 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

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

**Agency Certification**

CSA LR19980

**General**

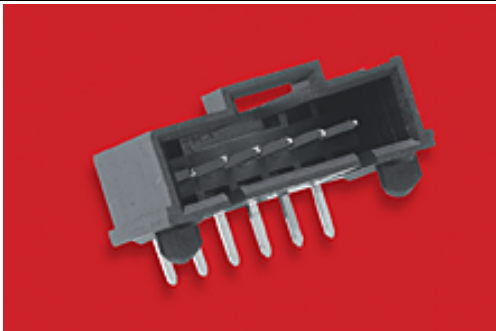
Product Family PCB Headers  
Series [70555](#)  
Application Signal, Wire-to-Board  
Overview [SL Modular Connectors](#)  
Product Name SL  
UPC 800753767362

**Physical**

Breakaway No  
Circuits (Loaded) 18  
Circuits (maximum) 18  
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 4.041/g  
Number of Rows 1  
Orientation Right Angle  
PC Tail Length 3.30mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm  
Packaging Type Tube  
Pitch - Mating Interface 2.54mm  
Plating min - Mating 0.762µm  
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**

Not Reviewed

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[70555](#) 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>         |                            |
| Lead-freeProcess Capability        | WAVE                       |
| <b>Material Info</b>               |                            |
| <b>Reference - Drawing Numbers</b> |                            |
| Packaging Specification            | PK-70873-0015-001          |
| Product Specification              | PS-70400-001, PS-70541-001 |
| Sales Drawing                      | 705550000-SD-000           |
| Test Summary                       | TS-70541-100-001           |

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