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Part Number: [0705430040](#)
Status: **Active**
Overview: [SL™ Modular Connectors](#)
Description: 2.54mm Pitch SL™ Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, 6 Circuits, Tin (Sn) Plating

Documents:

| | |
|--|--|
| 3D Model | Product Specification TS-70541-100-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-0014 (PDF) |
| Product Specification PS-70400-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-70541-001 (PDF) | |

Agency Certification

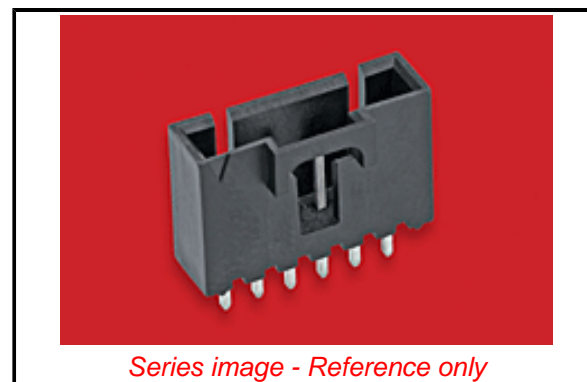
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| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 70543 |
| Application | Signal, Wire-to-Board |
| Overview | SL™ Modular Connectors |
| Product Name | SL™ |
| UPC | 800754353939 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| 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 | 1.197/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length | 3.30mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 3.810µm |
| Plating min - Termination | 3.810µm |
| Polarized to Mating Part | Yes |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[70543 Series](#)

Mates With

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

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A

Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005

Lead-freeProcess Capability WAVE

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 260

Material Info

Engineering Number A705430040

Reference - Drawing Numbers

Packaging Specification PK-70873-0014

Product Specification PS-70400-001, PS-70541-001, TS-70541-100-001

Sales Drawing SDA-70543-****

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