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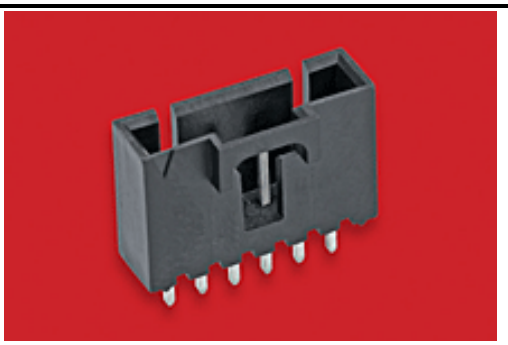
**Part Number:** 0705430016
**Status:** Active
**Overview:** SL Modular Connectors
**Description:** 2.54mm Pitch SL Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, 17 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



*Series image - Reference only*

**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-70873-0014 (PDF)
- RoHS Certificate of Compliance (PDF)

| | |
|---|---|
| **Agency Certification** | |
| CSA | LR19980 |
| **General** | |
| Product Family | PCB Headers |
| Series | 70543 |
| Application | Signal, Wire-to-Board |
| Overview | SL Modular Connectors |
| Product Name | SL |
| UPC | 800754353793 |
| **Physical** | |
| Breakaway | No |
| Circuits (Loaded) | 17 |
| Circuits (maximum) | 17 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| 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 | 3.212/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 | 0.381µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | Yes |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole |

**EU ELV**
**Not Relevant**

**EU RoHS** | **China 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 | 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

| | |
|---|---|
| **Electrical** | |
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V |
| **Solder Process Data** | |
| Lead-freeProcess Capability | WAVE |
| **Material Info** | |
| Engineering Number | A705430016 |
| **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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