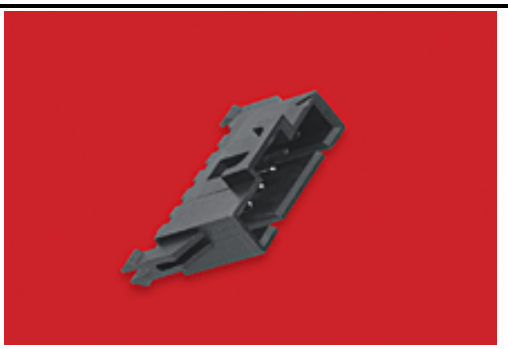
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# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0705410037
**Status:** Active
**Overview:** SL™ Modular Connectors
**Description:** 2.54mm Pitch SL™ Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, with Beveled Plastic Peg, 3 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-70541-001-001 (PDF)
- Product Specification TS-70541-100-001 (PDF)
- Packaging Specification PK-70873-0014 (PDF)
- RoHS Certificate of Compliance (PDF)

**Agency Certification**

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

**General**

| | |
|---|---|
| Product Family | PCB Headers |
| Series | 70541 |
| Application | Signal, Wire-to-Board |
| Overview | SL™ Modular Connectors |
| Product Name | SL™ |
| UPC | 800755032659 |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| 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 | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.745/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| 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 | 0.381µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | Yes |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40°C to +105°C |

**EU ELV**
Not Relevant

**EU RoHS**
Compliant

**China RoHS**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 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**
70541 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) | 003 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |
| **Material Info** | |
| **Reference - Drawing Numbers** | |
| Packaging Specification | PK-70873-0014 |
| Product Specification | PS-70400-001, PS-70541-001, TS-70541-001-001, TS-70541-100-001 |
| Sales Drawing | SDA-70541-**** |

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