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**Part Number:** 0014445220
**Status:** Active
**Overview:** SL Modular Connectors
**Description:** 2.54mm Pitch SL Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 22 AWG, 3.81µm Tin (Sn), 20 Circuits



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-70400-001 (PDF)
Packaging Specification PK-70873-0001-001 (PDF)
RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | Ribbon Cable / Wire Trap Connectors |
| Series | 70475 |
| Comments | Terminals Preloaded |
| Component Type | Housing |
| Glow-Wire Capable | No |
| Overview | SL Modular Connectors |
| Product Name | SL |
| UPC | 800754668859 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Entry Angle | Vertical |
| Flammability | 94V-0 |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester Alloy |
| Net Weight | 2.503/g |
| Number of Rows | 1 |
| PCB Retention | None |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.54mm |
| Polarized to Mating Part | No |
| Stackable | Yes |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | IDT or Pierce |
| Wire Insulation Diameter | 1.35mm max. |
| Wire Size AWG | 22 |
| Wire/Cable Type | Discrete Wire, Ribbon Cable |

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V |

**Solder Process Data**

| | |
|---|---|
| Lead-freeProcess Capability | N/A |

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

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - ED/61/2018 (27 June 2018)

**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 |
| Prop65 | Compliant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
70475 Series

**Mates With**
70004 Interim Clip (Single Row), 70013 Interim Clip (Dual Row)

**Use With**
7307 Tinned 28AWG, 7767 Topcoat 28AWG, 24241 Tinned 26AWG, 8996 Topcoat 26AWG, 24226 Tinned 24AWG, 8997 Topcoat 24AWG, 24369 High Flex 26AWG, 24389 High Flex 24AWG

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | PK-70873-0001-001 |
| Product Specification | PS-70400-001 |
| Sales Drawing | SDA-70475-2171-2194 |

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