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Part Number:

0014442510

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 24 AWG, 0.76µm Gold (Au), 10 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70400-001 (PDF)

Product Specification TS-70541-001-001 (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                  |  | 800755033175                        |

|                                |  |                             |
|--------------------------------|--|-----------------------------|
| Physical                       |  |                             |
| Circuits (Loaded)              |  | 10                          |
| Circuits (maximum)             |  | 10                          |
| Color - Resin                  |  | Black                       |
| Durability (mating cycles max) |  | 50                          |
| 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             |
| 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                  |  | 24                          |
| Wire/Cable Type                |  | Discrete Wire, Ribbon Cable |

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

|                    |  |            |
|--------------------|--|------------|
| Material Info      |  |            |
| Engineering Number |  | 70475-1129 |

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

China RoHS

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

|                 |              |
|-----------------|--------------|
| China ROHS      | Not Reviewed |
| ELV             | Not Reviewed |
| RoHS Phthalates | Not Reviewed |

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

Packaging Specification  
Product Specification  
Sales Drawing

PK-70873-0001-001  
PS-70400-001, TS-70541-001-001  
SDA-70475-1121-1144

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