

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014445408

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, 0.76µm Gold (Au), 8 Circuits

Documents:

3D Model

Drawing (PDF)

3D Model (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                  |  | 800754669122                        |

|                                |  |                             |
|--------------------------------|--|-----------------------------|
| Physical                       |  |                             |
| Circuits (Loaded)              |  | 8                           |
| Circuits (maximum)             |  | 8                           |
| 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             |
| Net Weight                     |  | 1.000/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                        |

|                    |            |
|--------------------|------------|
| Material Info      |            |
| Engineering Number | 70475-2527 |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| 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

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|-------------|-----------|
|-------------|-----------|

Reference - Drawing Numbers

Packaging Specification  
Sales Drawing

PK-70873-0001-001  
SDA-70475-2521-2544-001

Ribbon Cable Tool    622016600  
Kit, Press Not  
Included

This document was generated on 02/01/2022

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION