

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

**Part Number:** **0014563064**  
**Status:** **Active**  
**Overview:** SL™ Modular Connectors  
**Description:** 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version D, Back Ribs, Wire Size 24 AWG, 0.38µm Gold (Au), 6 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series 70400  
 Comments Terminals Preloaded  
 Component Type Housing  
 Glow-Wire Compliant No  
 Overview SL™ Modular Connectors  
 Product Name SL™  
 UPC 800753757912

**Physical**

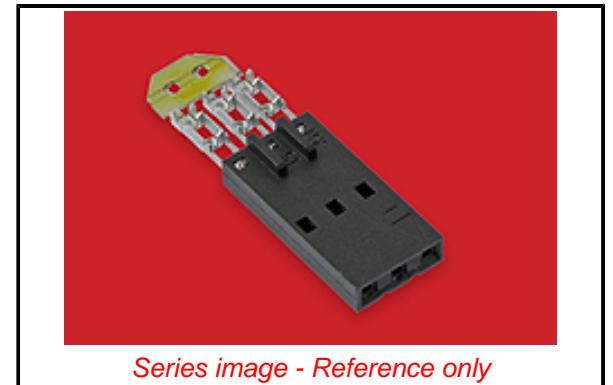
Circuits (Loaded) 6  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 Net Weight 0.536/g  
 Number of Rows 1  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 1.905µm  
 Polarized to Mating Part Yes  
 Stackable Yes  
 Surface Mount Compatible (SMC) N/A  
 Temperature Range - Operating -40°C 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

**Solder Process Data**

Lead-free Process Capability N/A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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](mailto: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**

70400 Series

**Mates With**

SL™ 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**

Engineering Number

A-70400-0600

**Reference - Drawing Numbers**

Packaging Specification

PK-70873-0001

Product Specification

PS-70400-001

Sales Drawing

SDA-70400-0596-0619

This document was generated on 07/31/2017

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