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**Part Number:** **0014600177**  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version C, Front Ribs, Wire Size 24, 3.81µm (150µ") Tin/Lead (SnPb), 17 Circuits

**Documents:**

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

**General**

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

**Physical**

Circuits (Loaded) 17  
 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 Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 Number of Rows 1  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface (in) 0.100 In  
 Pitch - Mating Interface (mm) 2.54 mm  
 Plating min: Mating (µin) 150  
 Plating min: Mating (µm) 3.75  
 Plating min: Termination (µin) 75  
 Plating min: Termination (µm) 1.875  
 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 (.053") max.  
 Wire Size AWG 24  
 Wire/Cable Type Discrete Wire  
 Wire/Cable Type Ribbon Cable

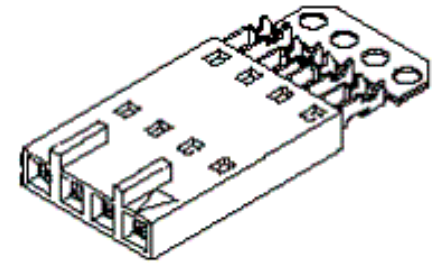
**Electrical**

CSA LR19980  
 Current - Maximum 3A  
 UL E29179  
 Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-70400



Series image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Not Reviewed**  
**Halogen-Free  
Status  
Not Reviewed**

**China RoHS**



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 Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

70400 Series

**Mates With**

70544, 70546, 70554 , 70556

**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 #  |
|--|------------|
| Hawk™ Semi-Automatic Discrete Wire Terminator for SL | 0623003100 |
| Hawk™ Semi-Automatic Discrete                        | 0623004900 |

Wire Terminator  
for SL - Rebuilt CE  
Approved\*  
Hawk™ Ribbon 0623003000  
Cable Terminator for  
SL without Break-off  
Hawk™ Flat Flex 0623005200  
Cable Terminator for  
SL with Break-off  
Hawk™ Ribbon 0623005300  
Cable Terminator  
with for SL Break-off  
Hawk Semi- 0011201337  
Automatic Discrete  
Wire Terminator for  
SL - Rebuilt US\*

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