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**Part Number:** [14-56-8132](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 22 AWG, 0.76µm Gold (Au), 13 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)

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

**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 800753990432

**Physical**

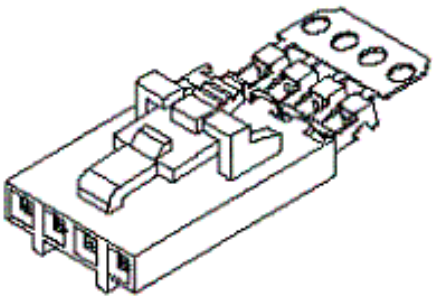
Circuits (Loaded) 13  
Color - Resin Black  
Durability (mating cycles max) 50  
Entry Angle Vertical  
Flammability 94V-0  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Polyester Alloy  
Number of Rows 1  
PCB Retention None  
Packaging Type Tube  
Pitch - Mating Interface 2.54mm  
Plating min - Mating 0.762µm  
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 22  
Wire/Cable Type Discrete Wire, Ribbon Cable

**Electrical**

Current - Maximum per Contact 3A  
Voltage - Maximum 250V

**Material Info**

Old Part Number A-70400-3501



Series

image - Reference only

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

**China RoHS**



**Need more information on product environmental compliance?**  
  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)  
  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[70400Series](#)

**Mates With**  
Single Row Housing [70018](#) , [70107](#) Version A, [70107](#) Version B, [70543](#) , [70545](#) , [70553](#) , [70555](#)

**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

Product Specification  
Sales Drawing

PS-70400  
SDA-70400-3490-3513

|                                                                        |                   |
|------------------------------------------------------------------------|-------------------|
| Hawk™ Ribbon Cable Terminator without Break-off                        | <u>0623003000</u> |
| Hawk™ Semi-Automatic Discrete Wire Terminator for Rebuilt CE Approved* | <u>0623004900</u> |
| Hawk™ Flat Flex Cable Terminator with Break-off                        | <u>0623005200</u> |
| Hawk™ Ribbon Cable Terminator with Break-off                           | <u>0623005300</u> |
| IDT Discrete Handtool Module                                           | <u>0621000700</u> |
| Ribbon Cable Tool Kit, Press Not Included                              | <u>0622016600</u> |
| Hawk™ Semi-Automatic Discrete Wire Terminator                          | <u>0623003100</u> |
| IDT - Semi-automatic - Bench-Top Terminator                            | <u>0011200949</u> |

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