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**Part Number:** **0014441213**  
**Status:** **Active**  
**Overview:** C-Grid® / SL™ Products  
**Description:** 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 24, 0.38µm (15µ") Gold (Au), 13 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-70475 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-70400 \(PDF\)](#)

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
Series [70475](#)  
Comments Terminals Preloaded  
Component Type Housing  
Glow-Wire Compliant No  
Overview [C-Grid® / SL™ Products](#)  
Product Name SL™

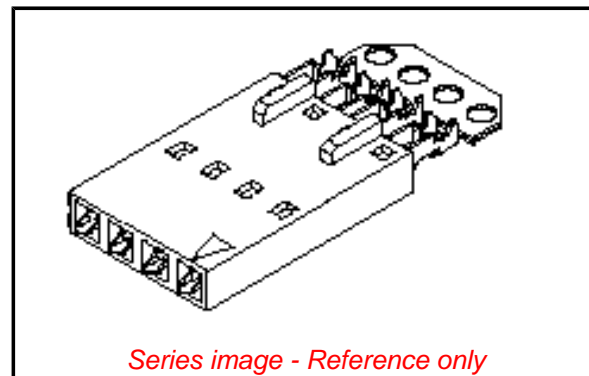
**Physical**

Circuits (Loaded) 13  
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 (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Plating min: Mating (µin) 15  
Plating min: Mating (µm) 0.38  
Plating min: Termination (µin) 75  
Plating min: Termination (µm) 1.91  
Polarized to Mating Part No  
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**



**EU RoHS**

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

**China RoHS**



**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.

**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 #
IDT Discrete	<a href="#">0621000700</a>
Handtool Module for SL™	

Old Part Number

A-70475-0607

**Reference - Drawing Numbers**

Product Specification

PS-70400

Product Specification

PS-70475

Sales Drawing

SD-70475-0\*\*\*

Sales Drawing

SDA-70475-0596-0619

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