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Part Number: [14-56-7247](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 22 AWG, 0.38µm Gold (Au), 24 Circuits

Documents:

[3D Model](#) [Product Specification PS-70400 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 [C-Grid® Products](#)
Product Name SL™
UPC 800753764224

Physical

Circuits (Loaded) 24
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 0.381µm
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 22
Wire/Cable Type Discrete Wire, Ribbon Cable

Electrical

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

Material Info

Old Part Number 70400-2998

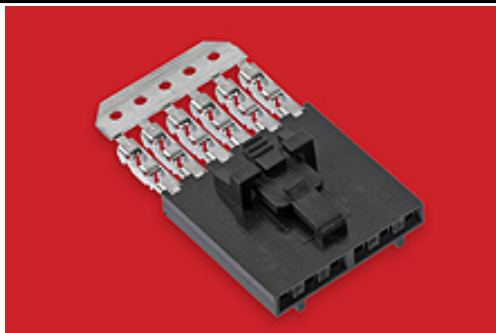


image - Reference only

Series

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
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

[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 #
IDT - Semi-automatic	0011200949
- Bench-Top	
Terminator	

Reference - Drawing Numbers

Product Specification
Sales Drawing

onlinecomponent.com
THE ONLINE DISTRIBUTION OF ELECTRONIC COMPONENTS

SDA-70400-2976-2999

IDT Discrete Handtool Module	<u>0621000700</u>
Ribbon Cable Tool Kit, Press Not Included	<u>0622016600</u>
Hawk™ Ribbon Cable Terminator without Break-off	<u>0623003000</u>
Hawk™ Semi-Automatic Discrete Wire Terminator	<u>0623003100</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>

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