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Part Number: [14-56-2176](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 28 AWG, 0.38µm Gold (Au), 17 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 800753982482

Physical

Circuits (Loaded) 17
 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 28
 Wire/Cable Type Discrete Wire, Ribbon Cable

Electrical

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

Material Info

Reference - Drawing Numbers



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

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 #

Product Specification
Sales Drawing

PS-70400
SDA-70400-1016-1039

Ribbon Cable Tool Kit, Press Not Included	<u>0622016600</u>
Hawk™ Ribbon Cable Terminator without Break-off	<u>0623003000</u>
Hawk™ Ribbon Cable Terminator with Break-off	<u>0623005300</u>
IDT - Semi-automatic - Bench-Top Terminator	<u>0011200949</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>
IDT Discrete Handtool Module	<u>0621000700</u>

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