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Part Number: [14-56-3251](#)
Status: **Active**
Overview: [SL™ Modular Connectors](#)
Description: 2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 26 AWG, 0.76µm Gold (Au), 25 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 [SL™ Modular Connectors](#)
 Product Name SL™
 UPC 800753762817

Physical

Circuits (Loaded) 25
 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 26
 Wire/Cable Type Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact 3.0A
 Voltage - Maximum 250V

Material Info

Old Part Number 70400-1389



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 # |
|-------------|-----------|
|-------------|-----------|

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70400
SDA-70400-1366-1389

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

This document was generated on 04/23/2015

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