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Part Number:

14-56-2168

Status:

Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24 AWG, 0.76µm Gold (Au), 16 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	C-Grid® Products
Product Name	SL™

Physical	
Circuits (Loaded)	16
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	24
Wire/Cable Type	Discrete Wire, Ribbon Cable

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

Material Info	
Old Part Number	70400-1205

Reference - Drawing Numbers

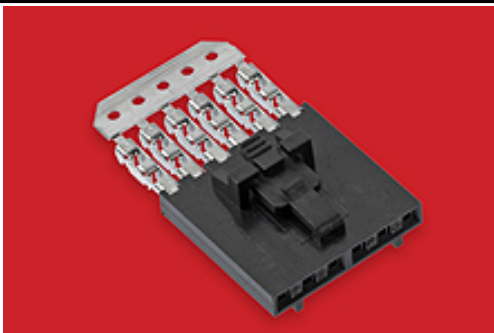


image - Reference onlySeries

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 A, 70107 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 #
Hawk™ Semi-Automatic Discrete	0011201337

Product Specification
Sales Drawing

PS-70400
SDA-70400-1191-1214

Wire Terminator for Rebuilt US*	
IDT Discrete	<u>0621000700</u>
Handtool Module	
Hawk™ Ribbon	<u>0623003000</u>
Cable Terminator without Break-off	
Hawk™ Semi-Automatic Discrete	<u>0623003100</u>
Wire Terminator	
Hawk™ Semi-Automatic Discrete	<u>0623004900</u>
Wire Terminator for Rebuilt CE	
Approved*	
Hawk™ Flat Flex	<u>0623005200</u>
Cable Terminator with Break-off	
Hawk™ Ribbon	<u>0623005300</u>
Cable Terminator with Break-off	
IDT - Semi-automatic	<u>0011200949</u>
- Bench-Top Terminator	

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