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Part Number:

0014600058

Status:

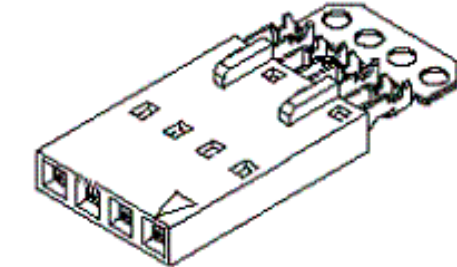
Active

Overview:

C-Grid® / SL™ Products

Description:

2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version D, Back Ribs, Wire Size 24, 3.81µm (150µ") Tin/Lead (SnPb), 5 Circuits



Series

image - Reference only

Documents:

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

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	70400
Comments	Terminals Preloaded
Component Type	Housing
Glow-Wire Compliant	No
Overview	C-Grid® / SL™ Products
Product Name	SL™

Physical

Circuits (Loaded)	5
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
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)	150
Plating min: Mating (µm)	3.75
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
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 (.053") max.
Wire Size AWG	24
Wire/Cable Type	Discrete Wire, 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
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

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 #
Hawk™ Semi-Automatic Discrete	0623004900

Old Part Number	70400-0074
Reference - Drawing Numbers	
Product Specification	PS-70400
Sales Drawing	SDA-70400-0071-0094

Wire Terminator for SL - Rebuilt CE Approved*	
Hawk™ Semi- Automatic Discrete Wire Terminator for SL	<u>0623003100</u>
Hawk™ Ribbon Cable Terminator for SL without Break-off	<u>0623003000</u>
Hawk™ Flat Flex Cable Terminator for SL with Break-off	<u>0623005200</u>
Hawk™ Ribbon Cable Terminator with for SL Break-off	<u>0623005300</u>
Hawk Semi- Automatic Discrete Wire Terminator for SL - Rebuilt US*	<u>0011201337</u>

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