

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014562056

Status:

Active

Overview:

C-Grid® / SL™ Products

Description:

2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 28, 0.38µm (15µ") Gold (Au), 5 Circuits

Documents:

- 3D Model

Product Specification PS-70400 (PDF)
- Drawing (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™

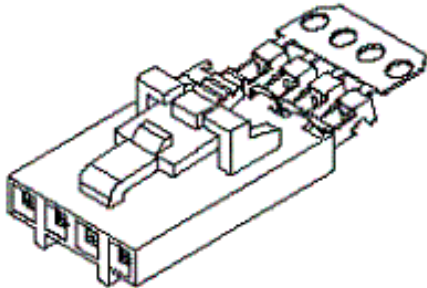
Physical

Circuits (Loaded)	5
Color - Resin	Black
Durability (mating cycles max)	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 (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
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	28
Wire/Cable Type	Discrete Wire
Wire/Cable Type	Ribbon Cable

Electrical

CSA	LR19980
Current - Maximum	3A
UL	E29179
Voltage - Maximum	250V

Material Info



Series image - Reference only

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

70400 Series

Mates With

70018 , 70107A/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 Discrete	0621000700
Handtool Module for SL™	
Hawk™ Semi- Automatic Discrete	0623003100

Old Part Number	A704001019	Wire Terminator for SL
Reference - Drawing Numbers		Hawk™ Semi- <u>0623004900</u>
Product Specification	PS-70400	Automatic Discrete
Sales Drawing	SDA-70400-1016-1039	Wire Terminator for SL - Rebuilt CE Approved*
		Hawk™ Ribbon <u>0623003000</u>
		Cable Terminator for SL without Break-off
		Hawk™ Flat Flex <u>0623005200</u>
		Cable Terminator for SL with Break-off
		Hawk™ Ribbon <u>0623005300</u>
		Cable Terminator with for SL Break-off
		Hawk Semi- <u>0011201337</u>
		Automatic Discrete
		Wire Terminator for SL - Rebuilt US*

This document was generated on 12/07/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION