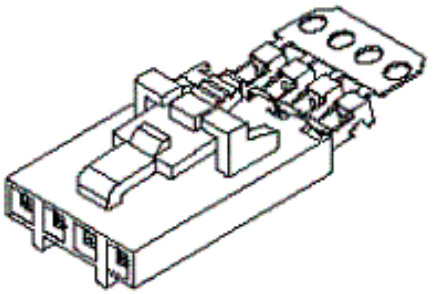
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Part Number: 0014562052
Status: Active
Overview: C-Grid® / SL™ Products
Description: 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24, 0.38µm (15µ") Gold (Au), 5 Circuits



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)	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	24
Wire/Cable Type	Discrete Wire
Wire/Cable Type	Ribbon Cable
Electrical	
CSA	LR19980
Current - Maximum	3A
UL	E29179
Voltage - Maximum	250V
Material Info	

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Halogen-Free

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 Handtool Module for SL™	0621000700
Hawk™ Semi-Automatic Discrete	0623003100

Old Part Number	A-70400-0669
Reference - Drawing Numbers	
Product Specification	PS-70400
Sales Drawing	SDA-70400-0666-0689

Wire Terminator for SL	
Hawk™ Semi-Automatic Discrete Wire Terminator for SL - Rebuilt CE Approved*	0623004900
Hawk™ Ribbon Cable Terminator for SL without Break-off	0623003000
Hawk™ Flat Flex Cable Terminator for SL with Break-off	0623005200
Hawk™ Ribbon Cable Terminator with for SL Break-off	0623005300
Hawk Semi-Automatice Discrete Wire Terminator for SL - Rebuilt US*	0011201337