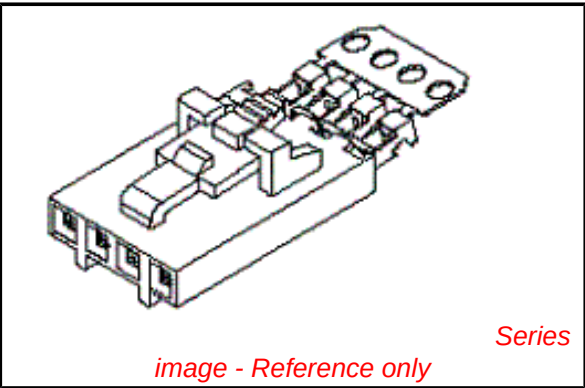


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Part Number: [0014600022](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24, 3.81µm (150µ") Tin/Lead (SnPb), 2 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	cgrid_sl_products
Product Name	SL™
Physical	
Circuits (Loaded)	2
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
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	
Current - Maximum per Contact	3A
Voltage - Maximum	250V



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
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](#) , [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 #
Hawk Semi-Automatic Discrete	0011201337

Material Info

Old Part Number	A-70400-0141
Reference - Drawing Numbers	
Product Specification	PS-70400
Sales Drawing	SDA-70400-0141-0164

Wire Terminator for SL - Rebuilt US*	
Hawk™ Ribbon	<u>0623003000</u>
Cable Terminator for SL without Break-off	
Hawk™ Semi- Automatic Discrete	<u>0623004900</u>
Wire Terminator for SL - Rebuilt CE Approved*	
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	
IDT Discrete	<u>0621000700</u>
Handtool Module for SL™	
Hawk™ Semi- Automatic Discrete	<u>0623003100</u>
Wire Terminator for SL	

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LEAD FREE UCP2004-1769 RWHITE 04/03/17		H I ADD CARRIER CHAMF ECN = UDT1998-0280 05/20/98 LMCGRATH		DIMENSIONS SHOWN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM									
		H 164 PLATING WAS 102 PER ECR = U30941 07/14/93 REED		<table border="1"> <tr> <td>INCH</td> <td>METRIC</td> </tr> <tr> <td>3 PLACE ± .010</td> <td>---</td> </tr> <tr> <td>2 PLACE ± .014</td> <td>± 0.25</td> </tr> <tr> <td>1 PLACE ---</td> <td>± 0.35</td> </tr> </table>		INCH	METRIC	3 PLACE ± .010	---	2 PLACE ± .014	± 0.25	1 PLACE ---	± 0.35	TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54I), 100 GRID)	
INCH	METRIC														
3 PLACE ± .010	---														
2 PLACE ± .014	± 0.25														
1 PLACE ---	± 0.35														
I LEAD FREE UCP2004-1769 RWWHITE 04/03/17		G REVISED PER ECR = U00049 9-27-90 MGB		DRAW WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LITTLE,ILL. 60532 U.S.A.									
				PART NO. SEE CHART		SHEET NO. DATE SDA-70400-0141-0164 10/09/84									
L.T.R. REVISIONS		L.T.R. REVISIONS		DRAW. BY WAZ		DRAW. NO. SDA-70400-0141-0164									
				APPROD. BY CHWD		FILE NAME 570400GX1									
				SCALE 4 : 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.									
						DIV. SIZE									