

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014567174

Status:

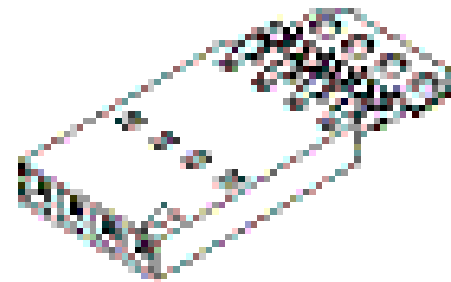
Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version A, Nonpolarized, Wire Size 22, 0.38µm (15µ") Gold (Au), 17 Circuits



Series

image - Reference only

Documents:

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

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Comments

Component Type

Glow-Wire Compliant

Overview

Product Name

Ribbon Cable / Wire Trap Connectors

70400

Terminals Preloaded

Housing

No

cgrid_sl_products

SL™

Physical

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Entry Angle

Flammability

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

17

Black

50

Vertical

94V-0

None

Phosphor Bronze

Gold

Tin

Polyester Alloy

1

None

Tube

0.100 In

2.54 mm

15

0.375

75

1.875

No

Yes

N/A

-40°C to +105°C

IDT or Pierce

1.35mm (.053") max.

22

Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

250V

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
Single Row headers and housings, [8624](#) , [70203](#) , [42375](#) , [42377](#)

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

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70400
SDA-70400-3175-3198

Wire Terminator for
SL - Rebuilt US*
Hawk™ Ribbon 0623003000
Cable Terminator for
SL without Break-off
Hawk™ Semi- 0623004900
Automatic Discrete
Wire Terminator
for SL - Rebuilt CE
Approved*
Hawk™ Flat Flex 0623005200
Cable Terminator for
SL with Break-off
Hawk™ Ribbon 0623005300
Cable Terminator
with for SL Break-off
IDT Discrete 0621000700
Handtool Module for
SL™
Hawk™ Semi- 0623003100
Automatic Discrete
Wire Terminator for
SL

OPTION A

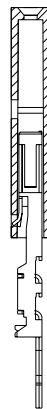
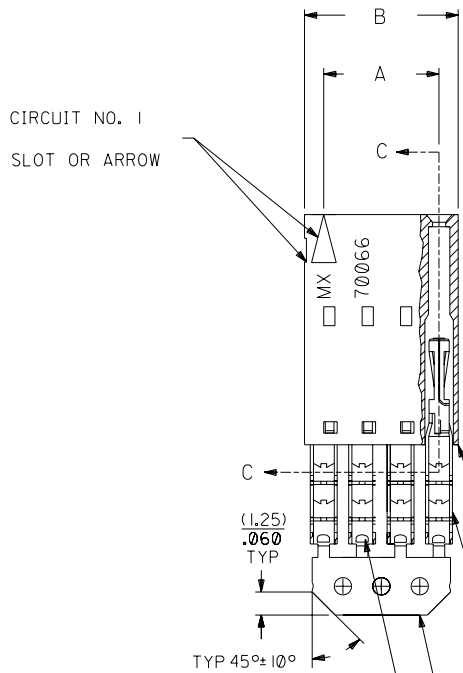
NOTES:

- 1) TO BE USED WITH (22)AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE , REQUEST DWG. PK-70400
- 4) PARTS STACKABLE END TO END AND SIDE BY SIDE ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: PS-70400.
- 6) SEE DWG. SDA-70400-**** (SHT. 5) FOR OPTIONAL HOUSING DETAILS.
- 7) 4 CIRCUIT SHOWN.
- 8) TO MATE WITH MOLEX (2.54)/.100 CENTERLINE HEADERS.

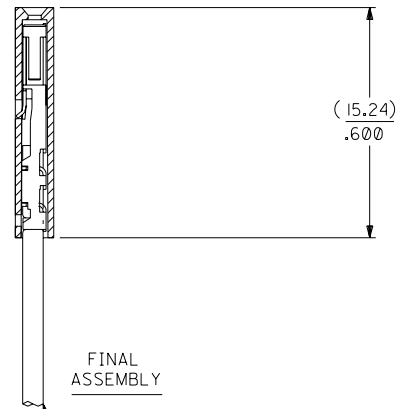
9) 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS.



SECTION C-C



PRE-LOADED
ASSEMBLY



FINAL
ASSEMBLY

WIRE (SEE NOTE 1)

HOUSING PART NO. 70066-****
MATERIAL: G.F. POLYESTER, 94V-0

TERMINAL PART NO. 70028-****
MATERIAL: PHOSPHOR BRONZE
PLATING PER ES-88-***

15 GOLD - .000015 MIN. GOLD IN SELECT AREA WITH
.000075 MIN. TIN
IN SELECT AREA OVER .000050 MIN. NICKEL
OVER-ALL.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

I.D. SLOT CODE TO WIRE GAUGE CHART	
I.D. SLOT CODE	WIRE GAUGE
D	22 AWG.

PLATING CODE (STRIPE ON CARRIER STRIP)	
PLATING	COLOR
15 GOLD	YELLOW

		C		REVISED PER ECR NO. U2B110 10-17-88 AAB		DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$		 =  REVISE ONLY ON CAD SYSTEM									
D		B		REVISE PER ECR NO. U2B110 2/3/88 MJM		<table><tr><td>INCH</td><td>METRIC</td></tr><tr><td>3 PLACE $\pm .010$</td><td>---</td></tr><tr><td>2 PLACE $\pm .014$</td><td>$\pm .025$</td></tr><tr><td>1 PLACE $---$</td><td>$\pm .035$</td></tr></table>		INCH	METRIC	3 PLACE $\pm .010$	---	2 PLACE $\pm .014$	$\pm .025$	1 PLACE $---$	$\pm .035$	TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)"/100 GRID)	
INCH	METRIC																
3 PLACE $\pm .010$	---																
2 PLACE $\pm .014$	$\pm .025$																
1 PLACE $---$	$\pm .035$																
CI		A		RELEASE FOR PROD. PER ECR NO. 25421 10-26-87 AAB		DRAWING WHERE APPLICABLE MUST REMAINT WITHIN DIMENSIONS		MOLEX INCORPORATED LISLE, ILL. 60932 U.S.A.		SHEET NO.	DATE						
								PART NO.		SDA-70400-3175-3198	10/26/87						
								SEE CHART									
L.T.R.		REVISIONS		L.T.R.		REVISIONS		FILE NAME 740053175		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.							
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								AAB		SIZE							
								SCALE		4 : 1							