

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014567029

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, 0.76µm (30µ") Gold (Au), 2 Circuits

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

2

Black

50

Vertical

94V-0

None

Phosphor Bronze

Gold

Tin

Polyester Alloy

1

None

Tube

0.100 In

2.54 mm

30

0.75

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

Material Info

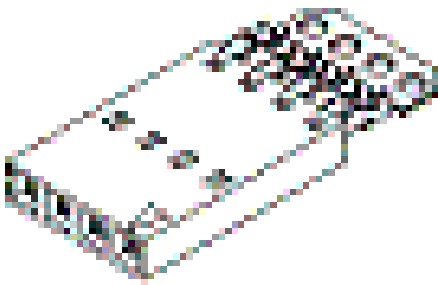


image - Reference only

Series

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

Old Part Number70400-3350

Reference - Drawing Numbers

Product SpecificationPS-70400

Sales DrawingSDA-70400-3350-3373

Wire Terminator for
SL - Rebuilt US*
Hawk™ Ribbon0623003000

Cable Terminator for
SL without Break-off
Hawk™ Semi-0623004900
Automatic Discrete

Wire Terminator
for SL - Rebuilt CE
Approved*
Hawk™ Flat Flex0623005200

Cable Terminator for
SL with Break-off
Hawk™ Ribbon0623005300

Cable Terminator
with for SL Break-off
IDT Discrete0621000700

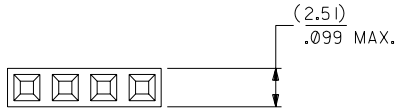
Handtool Module for
SL™
Hawk™ Semi-0623003100
Automatic Discrete

Wire Terminator for
SL

This document was generated on 05/21/2010

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OPTION A

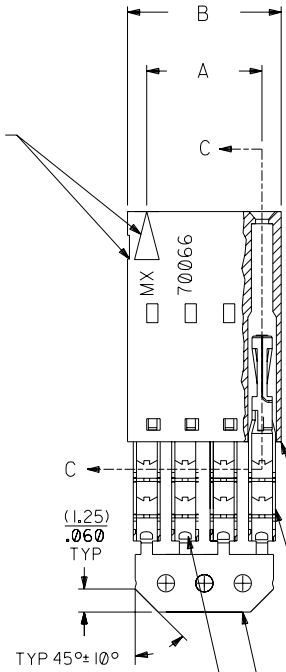


NOTES:

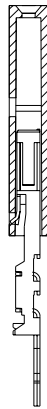
- 1) TO BE USED WITH (22) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70400-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70400
- 4) PARTS STACKABLE END TO END AND SIDE BY SIDE ON (2.54)/.100 CENTERS.
- 5) REFER 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.

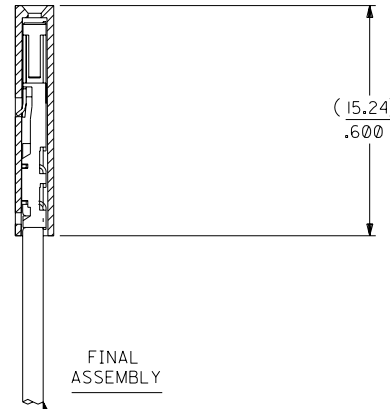
CIRCUIT NO. 1
SLOT OR ARROW



SECTION C-C



PRE-LOADED
ASSEMBLY



FINAL
ASSEMBLY

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

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

30 GOLD - .000030 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
30 GOLD	RED

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100	(5.05) .199	14-56-7029	A-70400-3350
3	(5.08) .200	(7.59) .299	14-56-7039	A-70400-3351
4	(7.62) .300	(10.13) .399	14-56-7049	A-70400-3352
5	(10.16) .400	(12.67) .499	14-56-7059	A-70400-3353
6	(12.70) .500	(15.21) .599	14-56-7069	A-70400-3354
7	(15.24) .600	(17.75) .699	14-56-7079	A-70400-3355
8	(17.78) .700	(20.29) .799	14-56-7089	A-70400-3356
9	(20.32) .800	(22.83) .899	14-56-7099	A-70400-3357
10	(22.86) .900	(25.37) .999	14-56-7109	A-70400-3358
11	(25.54) 1.000	(27.91) 1.099	14-56-7119	A-70400-3359
12	(27.94) 1.100	(30.45) 1.199	14-56-7129	A-70400-3360
13	(30.48) 1.200	(32.99) 1.299	14-56-7139	A-70400-3361
14	(33.02) 1.300	(35.53) 1.399	14-56-7149	A-70400-3362
15	(35.56) 1.400	(38.07) 1.499	14-56-7159	A-70400-3363
16	(38.01) 1.500	(40.61) 1.599	14-56-7169	A-70400-3364
17	(40.64) 1.600	(43.15) 1.699	14-56-7179	A-70400-3365
18	(43.18) 1.700	(45.69) 1.799	14-56-7189	A-70400-3366
19	(45.72) 1.800	(48.23) 1.899	14-56-7199	A-70400-3367
20	(48.26) 1.900	(50.77) 1.999	14-56-7209	A-70400-3368
21	(50.80) 2.000	(53.31) 2.099	14-56-7219	A-70400-3369
22	(53.34) 2.100	(55.85) 2.199	14-56-7229	A-70400-3370
23	(55.88) 2.200	(58.39) 2.299	14-56-7239	A-70400-3371
24	(58.42) 2.300	(60.93) 2.399	14-56-7249	A-70400-3372
25	(60.96) 2.400	(63.47) 2.499	14-56-7259	A-70400-3373

DIMENSIONS SHOWN (METRIC) INCH			UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
			INCH	METRIC
3 PLACE	±	.010	---	---
2 PLACE	±	.014	± 0.25	---
1 PLACE	---	---	± 0.35	---
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWG. BY: AAB CHK'D. BY: WAZ	
LTR. REVISIONS			SCALE 4:1	
D	LEAD FREE UCP2004-1769 RWHITE 04/03/22	B	REVISED PER ECR NO. U82110 10-17-88 AAB	
C	ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH	A	RELEASE FOR PROD. PER ERO NO. 25421 10-26-87 AAB	
LTR. REVISIONS			LTR. REVISIONS	

TITLE		REVISE ONLY ON CAD SYSTEM	
ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)			
MOLEX INCORPORATED LITSE, ILL. 60532 U.S.A.		SHEET NO. 10/26/87	
PART NO. SEE CHART SDA-70400-3350-3373		DATE	
FILE NAME 74003350.DGN		DIV. DA	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE	