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Part Number:

0014562212

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, 0.38µm (15µ") Gold (Au), 21 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

21

Black

50

Vertical

94V-0

Yes

Phosphor Bronze

Gold

Tin

Polyester Alloy

1

None

Tube

0.100 In

2.54 mm

15

0.375

75

1.875

Yes

Yes

N/A

-40°C to +105°C

IDT or Pierce

1.35mm (.053") max.

24

Discrete Wire, Ribbon Cable

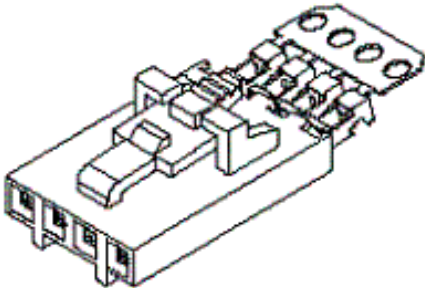
Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

250V



Series

image - Reference only

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

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 70400-0685

Reference - Drawing Numbers

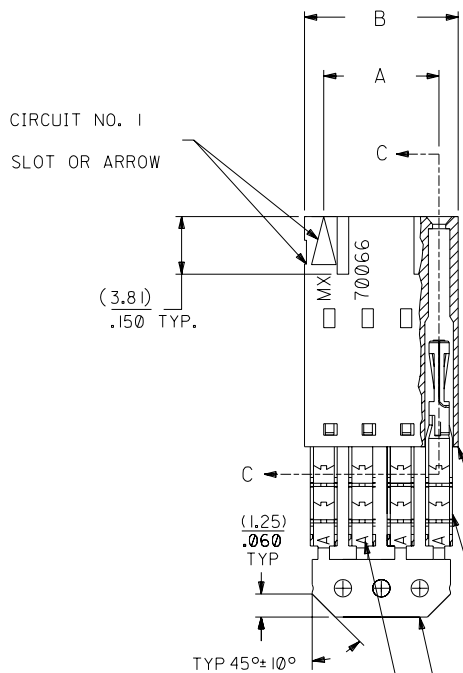
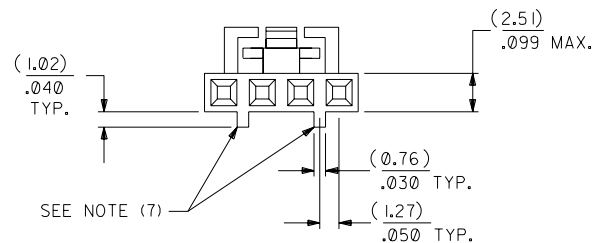
Product Specification PS-70400
Sales Drawing SDA-70400-0666-0689

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

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OPTION G

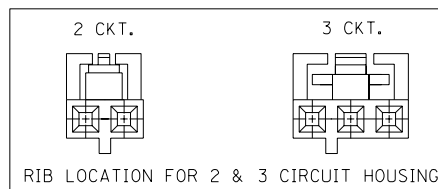


I.D. SLOT CODE TO WIRE GAUGE CHART	
I.D. SLOT CODE	WIRE GAUGE
A	24 AWG.

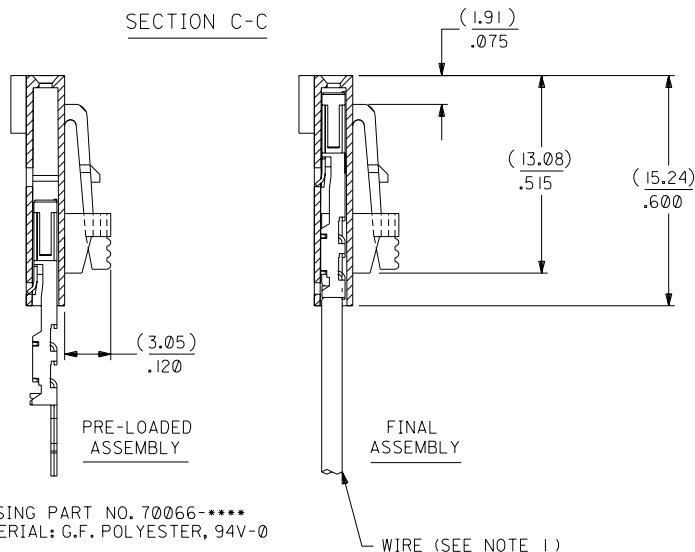
PLATING CODE (STRIPE ON CARRIER STRIP)	
PLATING	COLOR
15 GOLD	YELLOW

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.



SECTION C-C



NOTES:

- 1) TO BE USED WITH (24) 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 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. 4 - 25 CKT'S. HAVE (2) RIBS.
- 8) TO MATE WITH MOLEX PART NO'S.: A-70373-****, A-70375-****, A-70389-****, A-70391-****, 70107-****, 70018-****, A-70543-****, A-70553-****, A-70541-****, A-70551-****, A-70545-****, A-70555-****.
- 9) 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS.

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100 (5.08)	(5.05) .199 (7.59)	14-56-2022	A-70400-0666
3	.200 (7.62)	.299 (10.13)	14-56-2032	A-70400-0667
4	.300 (10.16)	.399 (12.67)	14-56-2042	A-70400-0668
5	.400 (12.70)	.499 (15.21)	14-56-2052	A-70400-0669
6	.500 (15.24)	.599 (17.75)	14-56-2062	A-70400-0670
7	.600 (17.78)	.699 (20.29)	14-56-2072	A-70400-0671
8	.700 (20.32)	.799 (22.83)	14-56-2082	A-70400-0672
9	.800 (22.86)	.899 (25.37)	14-56-2092	A-70400-0673
10	.900 (25.54)	.999 (27.91)	14-56-2102	A-70400-0674
11	1.000 (27.94)	1.099 (30.45)	14-56-2112	A-70400-0675
12	1.100 (30.48)	1.199 (32.99)	14-56-2122	A-70400-0676
13	1.200 (33.02)	1.299 (35.53)	14-56-2132	A-70400-0677
14	1.300 (35.56)	1.399 (38.07)	14-56-2142	A-70400-0678
15	1.400 (38.01)	1.499 (40.61)	14-56-2152	A-70400-0679
16	1.500 (40.64)	1.599 (43.15)	14-56-2162	A-70400-0680
17	1.600 (43.18)	1.699 (45.69)	14-56-2172	A-70400-0681
18	1.700 (45.72)	1.799 (48.23)	14-56-2182	A-70400-0682
19	1.800 (48.26)	1.899 (50.77)	14-56-2192	A-70400-0683
20	1.900 (50.80)	1.999 (53.31)	14-56-2202	A-70400-0684
21	2.000 (53.34)	2.099 (55.85)	14-56-2212	A-70400-0685
22	2.100 (55.88)	2.199 (58.39)	14-56-2222	A-70400-0686
23	2.200 (58.42)	2.299 (60.93)	14-56-2232	A-70400-0687
24	2.300 (60.96)	2.399 (63.47)	14-56-2242	A-70400-0688
25	2.400 (63.50)	2.499 (66.01)	14-56-2252	A-70400-0689

		G I		ADD CARRIER CHAMF ECN# U01798-0280 05/20/98 LMCGRATH		DIMENSIONS SHOWN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$		= = REVISE ONLY ON CAD SYSTEM	
		G		REVISED PER ECR# U00049 9-26-90 MGB		INCH METRIC 3 PLACE ± 0.10 --- 2 PLACE ± 0.14 ± 0.25 1 PLACE --- ± 0.35		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW - (2.54) x .100 GRID)	
H		F		REVISED PER ECN# U09726 7-10-89 MGB		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED MOLEX,ILL. 60932 U.S.A.	
LEAD FREE UCP2004-1769 RWHITE 04/03/17								SHEET NO. DATE 10/09/84	
L.T.R.		REVISIONS		L.T.R.		REVISIONS		PART NO. SEE CHART DWG. NO. SDA-70400-0666-0689	
								FILE NAME S70400C04X THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
								DWG. NO. SDA-70400-0666-0689 APP'D. BY WAZ SCALE 1:1 DWG. NO. SDA-70400-0666-0689	