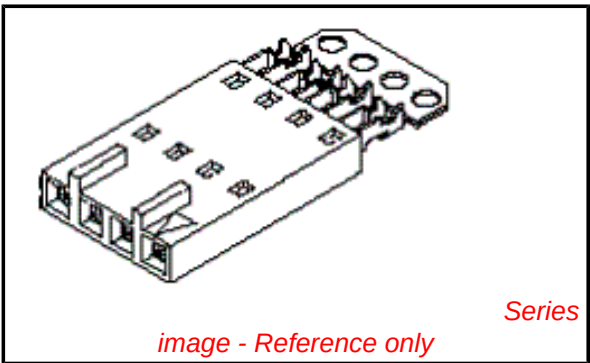


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0014600129](#)
Status: **Active**
Description: 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version C, Front Ribs, Wire Size 26, 3.81µm (150µ") Tin/Lead (SnPb), 12 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
Product Name	SL™
Physical	
Circuits (Loaded)	12
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
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	26
Wire/Cable Type	Discrete Wire, Ribbon Cable
Electrical	
Current - Maximum per Contact	1.8A
Voltage - Maximum	250V
Material Info	
Old Part Number	70400-0221



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
[70544](#), [70546](#), [70554](#) , [70556](#)

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-Automatice Discrete Wire Terminator for SL - Rebuilt US*	0011201337

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70400
SDA-70400-0211-0234

Hawk™ Ribbon Cable Terminator for SL without Break-off	<u>0623003000</u>
Hawk™ Semi-Automatic Discrete Wire Terminator for SL	<u>0623003100</u>
Hawk™ Flat Flex Cable Terminator for SL with Break-off	<u>0623005200</u>
Hawk™ Ribbon Cable Terminator with for SL Break-off	<u>0623005300</u>
Hawk™ Semi-Automatic Discrete Wire Terminator for SL - Rebuilt CE Approved*	<u>0623004900</u>

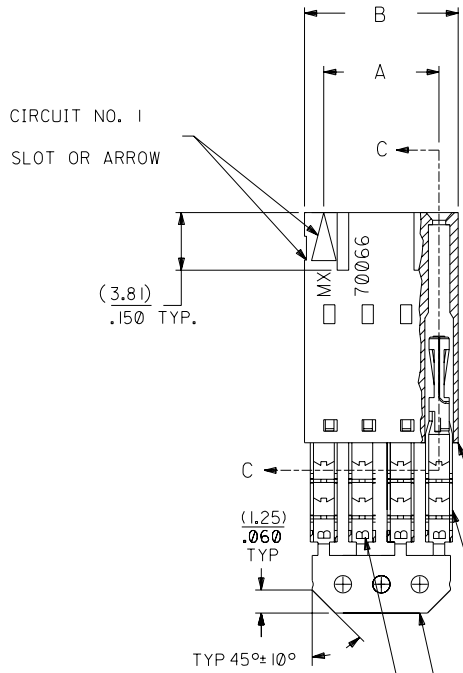
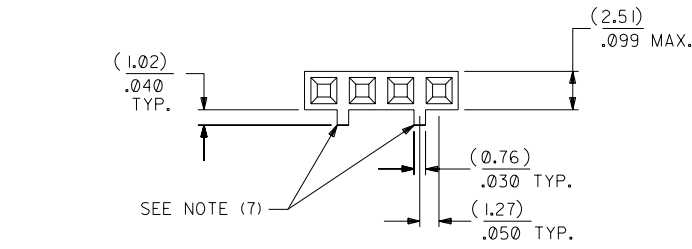
This document was generated on 03/30/2010

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OPTION C

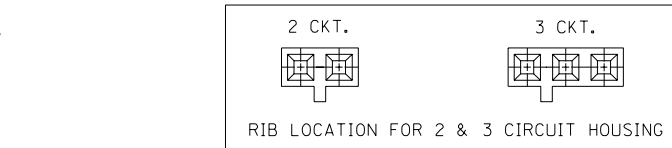
NOTES:

- 1) TO BE USED WITH (26) 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 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-70374-****, A-70376-****, A-70390-****, A-70392-****, A-70544-****, A-70554-****, A-70542-****, A-70552-****, A-70546-****, A-70556-****.
- 9) 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS.

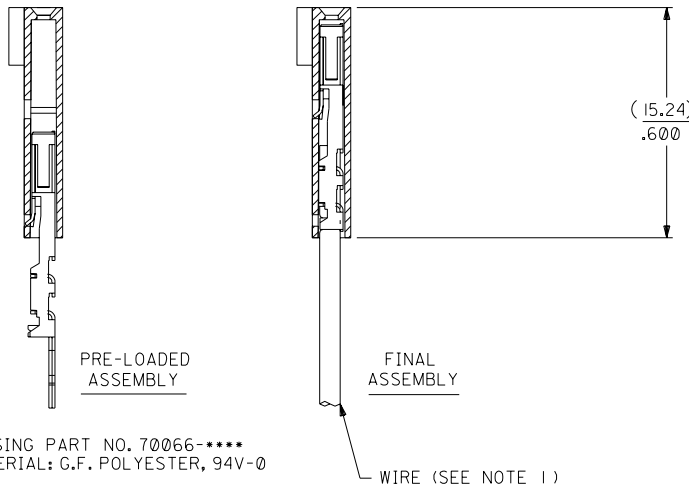


I.D. SLOT CODE TO WIRE GAUGE CHART	
I.D. SLOT CODE	WIRE GAUGE
B	26 AWG.

PLATING CODE (STRIPE ON CARRIER STRIP)	
PLATING	COLOR
TIN	NONE



SECTION C-C



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

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

TIN - .000150 MIN. TIN OVER
.000050 MIN. NICKEL PLATE.

*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.

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100	(5.05) .199	14-60-0029	A-70400-0211
3	(5.08) .200	(7.59) .299	14-60-0039	A-70400-0212
4	(7.62) .300	(10.13) .399	14-60-0049	A-70400-0213
5	(10.16) .400	(12.67) .499	14-60-0059	A-70400-0214
6	(12.70) .500	(15.21) .599	14-60-0069	A-70400-0215
7	(15.24) .600	(17.75) .699	14-60-0079	A-70400-0216
8	(17.78) .700	(20.29) .799	14-60-0089	A-70400-0217
9	(20.32) .800	(22.83) .899	14-60-0099	A-70400-0218
10	(22.86) .900	(25.37) .999	14-60-0109	A-70400-0219
11	(25.54) 1.000	(27.91) 1.099	14-60-0119	A-70400-0220
12	(27.94) 1.100	(30.45) 1.199	14-60-0129	A-70400-0221
13	(30.48) 1.200	(32.99) 1.299	14-60-0139	A-70400-0222
14	(33.02) 1.300	(35.53) 1.399	14-60-0149	A-70400-0223
15	(35.56) 1.400	(38.07) 1.499	14-60-0159	A-70400-0224
16	(38.01) 1.500	(40.61) 1.599	14-60-0169	A-70400-0225
17	(40.64) 1.600	(43.15) 1.699	14-60-0179	A-70400-0226
18	(43.18) 1.700	(45.69) 1.799	14-60-0189	A-70400-0227
19	(45.72) 1.800	(48.23) 1.899	14-60-0199	A-70400-0228
20	(48.26) 1.900	(50.77) 1.999	14-60-0209	A-70400-0229
21	(50.80) 2.000	(53.31) 2.099	14-60-0219	A-70400-0230
22	(53.34) 2.100	(55.85) 2.199	14-60-0229	A-70400-0231
23	(55.88) 2.200	(58.39) 2.299	14-60-0239	A-70400-0232
24	(58.42) 2.300	(60.93) 2.399	14-60-0249	A-70400-0233
25	(60.96) 2.400	(63.47) 2.499	14-60-0259	A-70400-0234

G		E		D		C		B		A	
LEAD FREE UCP2004-1769 RWHITE 04/03/17		REVISED PER ECR NO. U82110 10-17-88 BJS		REVISE PER ECR #U80110 2/3/88 MJM		REDRAWN ON CAD ECR# 8842 5/8/86 W.Z.		164 PLATING WAS 102 PER ECR # U30941 07/07/93 REED		REVISIONS	
LTR.		LTR.		LTR.		LTR.		LTR.		LTR.	
DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		3 PLACE ± .010 2 PLACE ± .014 ± 0.25 1 PLACE --- ± 0.35		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWG. BY WAZ APP'D. BY WAZ		CHK'D. BY WAZ SCALE 4:1		PART NO. SEE CHART FILE NAME S70400CK2	
TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)		MOLEX INCORPORATED LITSE,ILL. 60532 U.S.A.		SHEET NO. 10/09/84		DATE 10/09/84		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. DA	