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Part Number: [0014450604](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 26, 3.81µm (150µ") Tin (Sn), 4 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 [70475](#)
Comments Terminals Preloaded
Component Type Housing
Glow-Wire Compliant No
Overview [cgrid_sl_products](#)
Product Name SL™

Physical

Circuits (Loaded) 4
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) 3.81
Plating min: Termination (µin) 150
Plating min: Termination (µm) 3.81
Polarized to Mating Part No
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

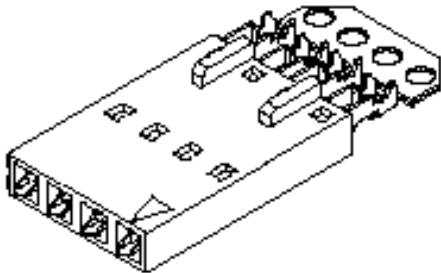


image - Reference only

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

[70475Series](#)

Mates With

[70004](#) Interim Clip (Single Row), [70013](#) Interim Clip (Dual Row)

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

Old Part Number704750248

Reference - Drawing Numbers

Product SpecificationPS-70400

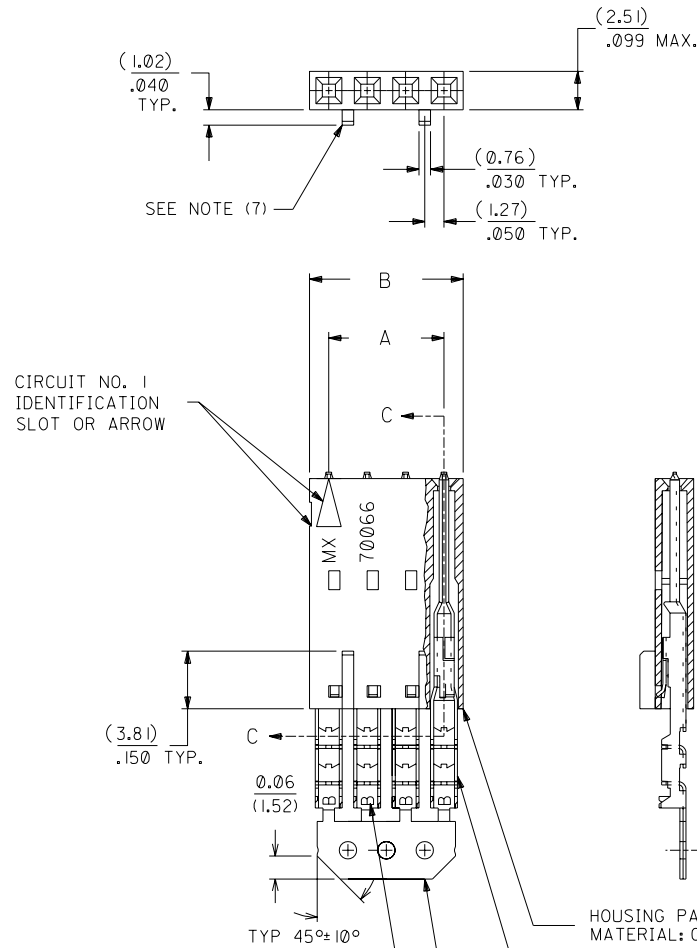
This document was generated on 05/24/2010

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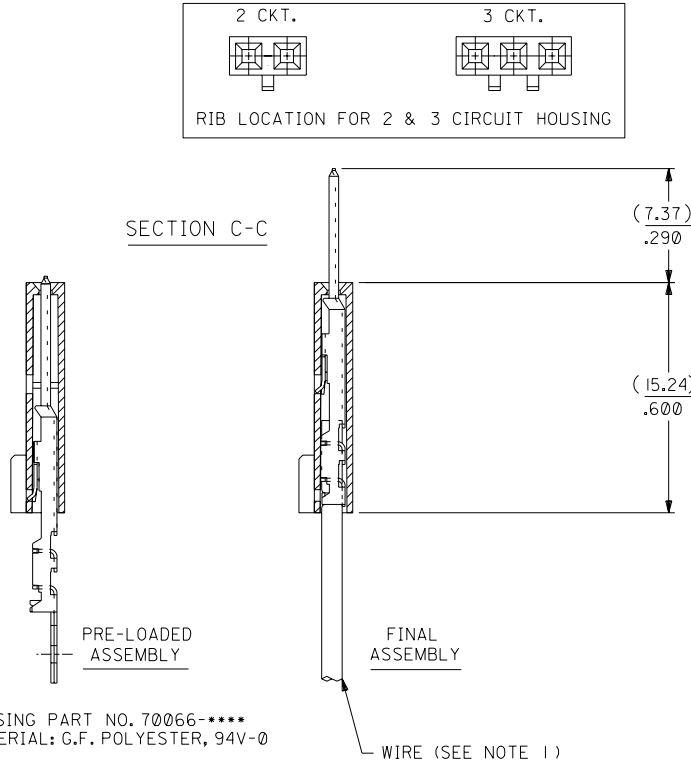
OPTION D

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-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: PS-70475.
- 6) SEE DWG. SDA-70475-***** (SHT.3) FOR OPTIONAL HOUSING DETAILS.
- 7) 4 CIRCUIT SHOWN. 3 - 25 CKT'S. HAVE (2) RIBS.
- 8) TO MATE WITH MOLEX PART NO'S.: 70018-****, 70022-****, 70104-****.
- 9) 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS.



SECTION C-C



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

*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	14-45-0602	A-70475-0246
3	(5.08) .200	(7.59) .299	14-45-0603	A-70475-0247
4	(7.62) .300	(10.13) .399	14-45-0604	A-70475-0248
5	(10.16) .400	(12.67) .499	14-45-0605	A-70475-0249
6	(12.70) .500	(15.21) .599	14-45-0606	A-70475-0250
7	(15.24) .600	(17.75) .699	14-45-0607	A-70475-0251
8	(17.78) .700	(20.29) .799	14-45-0608	A-70475-0252
9	(20.32) .800	(22.83) .899	14-45-0609	A-70475-0253
10	(22.86) .900	(25.37) .999	14-45-0610	A-70475-0254
11	(25.54) 1.000	(27.91) 1.099	14-45-0611	A-70475-0255
12	(27.94) 1.100	(30.45) 1.199	14-45-0612	A-70475-0256
13	(30.48) 1.200	(32.99) 1.299	14-45-0613	A-70475-0257
14	(33.02) 1.300	(35.53) 1.399	14-45-0614	A-70475-0258
15	(35.56) 1.400	(38.07) 1.499	14-45-0615	A-70475-0259
16	(38.01) 1.500	(40.61) 1.599	14-45-0616	A-70475-0260
17	(40.64) 1.600	(43.15) 1.699	14-45-0617	A-70475-0261
18	(43.18) 1.700	(45.69) 1.799	14-45-0618	A-70475-0262
19	(45.72) 1.800	(48.23) 1.899	14-45-0619	A-70475-0263
20	(48.26) 1.900	(50.77) 1.999	14-45-0620	A-70475-0264
21	(50.80) 2.000	(53.31) 2.099	14-45-0621	A-70475-0265
22	(53.34) 2.100	(55.85) 2.199	14-45-0622	A-70475-0266
23	(55.88) 2.200	(58.39) 2.299	14-45-0623	A-70475-0267
24	(58.42) 2.300	(60.93) 2.399	14-45-0624	A-70475-0268
25	(60.96) 2.400	(63.47) 2.499	14-45-0625	A-70475-0269

G	LEAD FREE UCP2004-1769 RWHITE 04/03/24	E	REVISED PER ECR NO. U82124 10-17-88 MGB	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0	REVISE ONLY ON CAD SYSTEM		
	3 PLACE ± .010 --- 2 PLACE ± .014 ± 0.25 1 PLACE --- ± 0.35		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)						
FI	ADD CARRIER CHAMF ECN *UDT1998-0280 05/20/98 LMCGRATH	D	REVISE PER ECR *U81370 5/20/88 MJM	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LITSE,ILL. 60532 U.S.A.	SHEET NO. 1	DATE 10/13/84	
	164 PLATING WAS 102 PER ECR * U31149 08/09/93 REED		PART NO. SEE CHART DRWG. NO. SDA-70475-0246-0269						
F		C	REDRAWN ON CAD ECR* 8842 5/9/86 W.Z.	DRWG. BY WAZ APPRO. BY RL	CHD. BY WAZ SCALE 4 : 1	FILE NAME S704750X2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DIV.	SIZE C
LTR.	REVISIONS	LTR.	REVISIONS						