

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0014445403
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 22, 0.76µm (30µ") Gold (Au), 3 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-70400 \(PDF\)](#)
[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) 3
Durability (mating cycles max) 50
Entry Angle Vertical
Flammability 94V-0
Lock to Mating Part None
Number of Rows 1
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Polarized to Mating Part No
Stackable Yes
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -40°C to +105°C
Wire Insulation Diameter 1.35mm (.053") max.
Wire Size AWG 22
Wire/Cable Type Discrete Wire, Ribbon Cable

Electrical

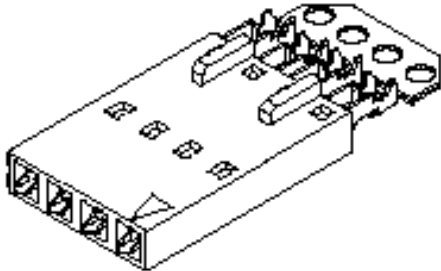
Current - Maximum per Contact 3A
Voltage - Maximum 250V

Material Info

Old Part Number 70475-2522

Reference - Drawing Numbers

Product Specification PS-70400



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

70475Series

Mates With

70004 Interim Clip (Single Row), 70013 Interim Clip (Dual Row)

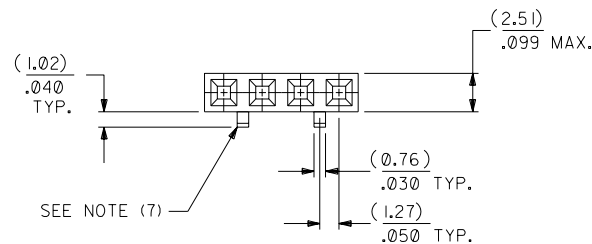
Use With

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

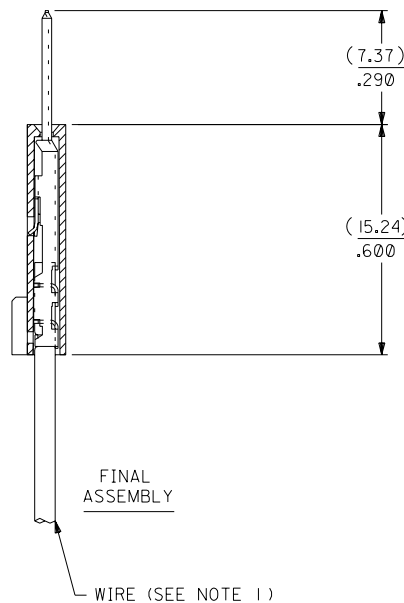
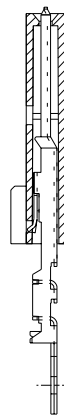
OPTION D

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-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



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

TERMINAL PART NO. 70110-****
MATERIAL: PHOSPHOR BRONZE
PLATING PER ES-88-***

30 GOLD - .000030 MINIMUM GOLD IN SELECT AREA WITH
.000075 MINIMUM TIN
IN SELECT AREA OVER .000050 MINIMUM 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) 1.00	(5.05) 1.99	14-44-5402	A-70475-2521
3	(5.08) 2.00	(7.59) 2.99	14-44-5403	A-70475-2522
4	(7.62) 3.00	(10.13) 3.99	14-44-5404	A-70475-2523
5	(10.16) 4.00	(12.67) 4.99	14-44-5405	A-70475-2524
6	(12.70) 5.00	(15.21) 5.99	14-44-5406	A-70475-2525
7	(15.24) 6.00	(17.75) 6.99	14-44-5407	A-70475-2526
8	(17.78) 7.00	(20.29) 7.99	14-44-5408	A-70475-2527
9	(20.32) 8.00	(22.83) 8.99	14-44-5409	A-70475-2528
10	(22.86) 9.00	(25.37) 9.99	14-44-5410	A-70475-2529
11	(25.54) 1.000	(27.91) 1.099	14-44-5411	A-70475-2530
12	(27.94) 1.100	(30.45) 1.199	14-44-5412	A-70475-2531
13	(30.48) 1.200	(32.99) 1.299	14-44-5413	A-70475-2532
14	(33.02) 1.300	(35.53) 1.399	14-44-5414	A-70475-2533
15	(35.56) 1.400	(38.07) 1.499	14-44-5415	A-70475-2534
16	(38.01) 1.500	(40.61) 1.599	14-44-5416	A-70475-2535
17	(40.64) 1.600	(43.15) 1.699	14-44-5417	A-70475-2536
18	(43.18) 1.700	(45.69) 1.799	14-44-5418	A-70475-2537
19	(45.72) 1.800	(48.23) 1.899	14-44-5419	A-70475-2538
20	(48.26) 1.900	(50.77) 1.999	14-44-5420	A-70475-2539
21	(50.80) 2.000	(53.31) 2.099	14-44-5421	A-70475-2540
22	(53.34) 2.100	(55.85) 2.199	14-44-5422	A-70475-2541
23	(55.88) 2.200	(58.39) 2.299	14-44-5423	A-70475-2542
24	(58.42) 2.300	(60.93) 2.399	14-44-5424	A-70475-2543
25	(60.96) 2.400	(63.47) 2.499	14-44-5425	A-70475-2544

		C		REVISED PER ECR NO. U82124 10-17-88 MGB		DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$		= REVISE ONLY ON CAD SYSTEM										
D		LEAD FREE UCP2004-1769 RWHITE 04/03/24		B		REVISE PER ECR #U81370 5/20/88 MUM		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2,54)/.100 GRID)										
						<table><tr><td>3 PLACE</td><td>$\pm .010$</td><td>---</td></tr><tr><td>2 PLACE</td><td>$\pm .014$</td><td>$\pm .025$</td></tr><tr><td>1 PLACE</td><td>---</td><td>$\pm .035$</td></tr></table>		3 PLACE	$\pm .010$	---	2 PLACE	$\pm .014$	$\pm .025$	1 PLACE	---	$\pm .035$		
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1 PLACE	---	$\pm .035$																
C1		LEAD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH		A		RELEASE FOR PROD. PER ECR NO. 25618 11-30-87 AAB		MOLEX INCORPORATED SHEET NO. 1 DATE LISLE, ILL. 60532 U.S.A. 11/30/87										
						DRAW. BY: AAB APP'D BY: WAZ		PART NO. SEE CHART SDA-70475-2521-2544										
LTR.		REVISIONS		LTR.		REVISIONS		FILE NAME 747521 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										
						QTY. BY: AAB SCALE 4 : 1		DIV. C										