

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0014441605](#)
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, 0.38µm (15µ") Gold (Au), 5 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) 5
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 26
Wire/Cable Type Discrete Wire, Ribbon Cable

Electrical

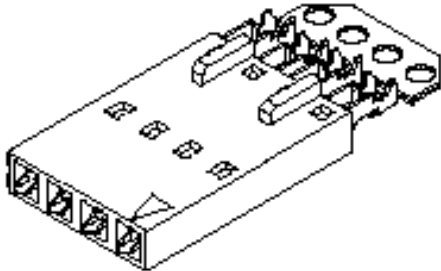
Current - Maximum per Contact 1.8A
Voltage - Maximum 250V

Material Info

Old Part Number 70475-0774

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)

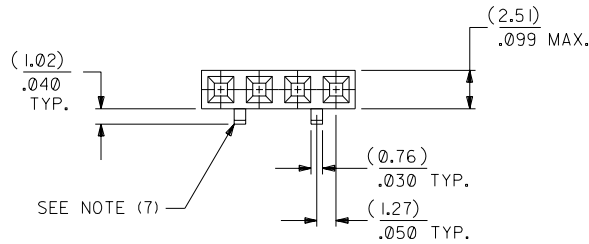
Use With

[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

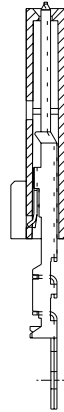
OPTION D

NOTES:

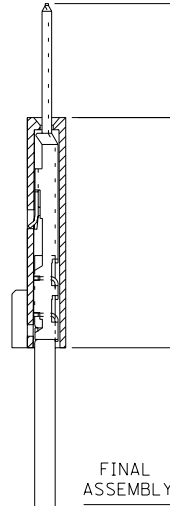
- 1) TO BE USED WITH (26) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: 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



PRE-LOADED
ASSEMBLY



FINAL
ASSEMBLY

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

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

15 GOLD - .000015 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
B	26 AWG.

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

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100	(5.05) .199	14-44-1602	A-70475-0771
3	(5.08) .200	(7.59) .299	14-44-1603	A-70475-0772
4	(7.62) .300	(10.13) .399	14-44-1604	A-70475-0773
5	(10.16) .400	(12.67) .499	14-44-1605	A-70475-0774
6	(12.70) .500	(15.21) .599	14-44-1606	A-70475-0775
7	(15.24) .600	(17.75) .699	14-44-1607	A-70475-0776
8	(17.78) .700	(20.29) .799	14-44-1608	A-70475-0777
9	(20.32) .800	(22.83) .899	14-44-1609	A-70475-0778
10	(22.86) .900	(25.37) .999	14-44-1610	A-70475-0779
11	(25.54) 1.000	(27.91) 1.099	14-44-1611	A-70475-0780
12	(27.94) 1.100	(30.45) 1.199	14-44-1612	A-70475-0781
13	(30.48) 1.200	(32.99) 1.299	14-44-1613	A-70475-0782
14	(33.02) 1.300	(35.53) 1.399	14-44-1614	A-70475-0783
15	(35.56) 1.400	(38.07) 1.499	14-44-1615	A-70475-0784
16	(38.01) 1.500	(40.61) 1.599	14-44-1616	A-70475-0785
17	(40.64) 1.600	(43.15) 1.699	14-44-1617	A-70475-0786
18	(43.18) 1.700	(45.69) 1.799	14-44-1618	A-70475-0787
19	(45.72) 1.800	(48.23) 1.899	14-44-1619	A-70475-0788
20	(48.26) 1.900	(50.77) 1.999	14-44-1620	A-70475-0789
21	(50.80) 2.000	(53.31) 2.099	14-44-1621	A-70475-0790
22	(53.34) 2.100	(55.85) 2.199	14-44-1622	A-70475-0791
23	(55.88) 2.200	(58.39) 2.299	14-44-1623	A-70475-0792
24	(58.42) 2.300	(60.93) 2.399	14-44-1624	A-70475-0793
25	(60.96) 2.400	(63.47) 2.499	14-44-1625	A-70475-0794

MFG. SH. REV.

REVISE ONLY ON CAD SYSTEM

TITLE	
ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)	
MOLEX INCORPORATED LITSE, ILL. 60532 U.S.A.	
PART NO. SEE CHART	SDA-70475-0771-0794
FILE NAME S70475DX5	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.
DRWG. NO. WAZ	CHKD. BY WAZ
APP'D. BY RL	SCALE 4 : 1
SHEET NO. 1	DATE 10 / 13 / 84
DRWG. NO. SDA-70475-0771-0794	DEV. SIZE

REVISIONS	
REV.	DESCRIPTION
E	REVISED PER ECR NO. U82124 10-17-88 MGB
D	REVISE PER ECR #U81370 5/20/88 MJM
C	REDRAWN ON CAD ECR# 8842 5/23/86 W.Z.
F	LEAD FREE UCP2004-1769 RWHITE 04/03/24
EI	ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLACE ± .010	METRIC
2 PLACE ± .014	INCH
1 PLACE ± .035	METRIC
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DRWG. BY WAZ	CHKD. BY WAZ
APP'D. BY RL	SCALE 4 : 1