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Part Number: 0014441602
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), 2 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) 2
Color - Resin Black
Durability (mating cycles max) 50
Entry Angle Vertical
Flammability 94V-0
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
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) 15
Plating min: Mating (µm) 0.38
Plating min: Termination (µin) 75
Plating min: Termination (µm) 1.91
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

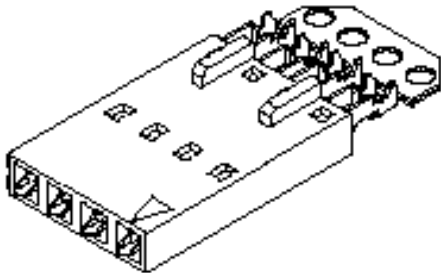


image - Reference only

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 Number

70475-0771

Reference - Drawing Numbers

Product Specification

PS-70400

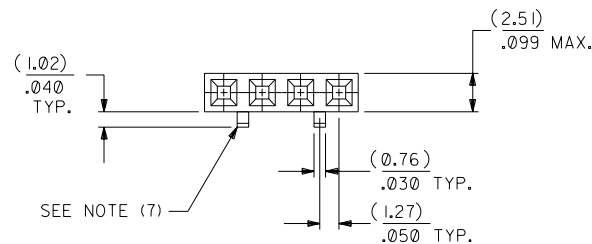
This document was generated on 05/20/2010

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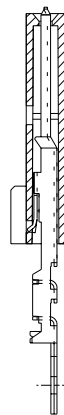
OPTION D

NOTES:

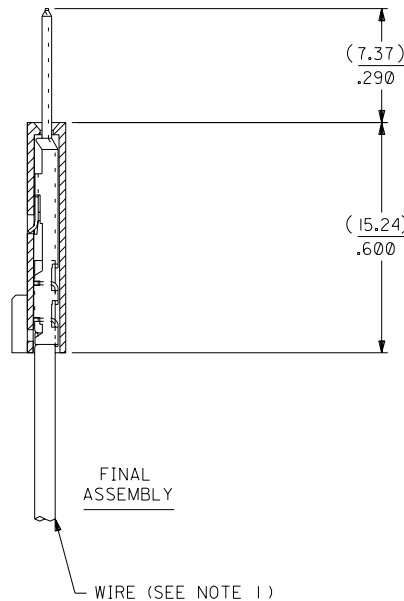
- 1) TO BE USED WITH (26) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: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



PRE-LOADED
- ASSEMBLY



FINAL
ASSEMBLY

WIRE (SEE NOTE 1)

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

		E		REVISED PER ECR NO. U82124 10-17-88 MGB		DIMENSIONS SHOWN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$		▽ = REVISION ONLY ON CAD SYSTEM	
F		D		REVISE PER ECR #U81370 5/20/88 MJM		INCH METRIC 3 PLACES $\pm .010$ --- 2 PLACES $\pm .014$ $\pm .025$ 1 PLACE --- $\pm .035$		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW - (2.54) x .100 GRID)	
E		C		REDRAWN ON CAD ECR# 8842 5/23/86 W.Z.		DRAFT WHEN APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LITTLE ROCK, AR 68932 U.S.A.	
L.T.R.		L.T.R.		REVISIONS		DRWG. NO. WAZ APP'D. R SCALE 4:1		PART NO. SEE CHART DWG. NO. SDA-70475-0771-0794	
						DWG. NO. WAZ APP'D. R SCALE 4:1		FILE NAME S704750X5	
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
								DIV. SIZE	