

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014441611

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), 11 Circuits

Documents:

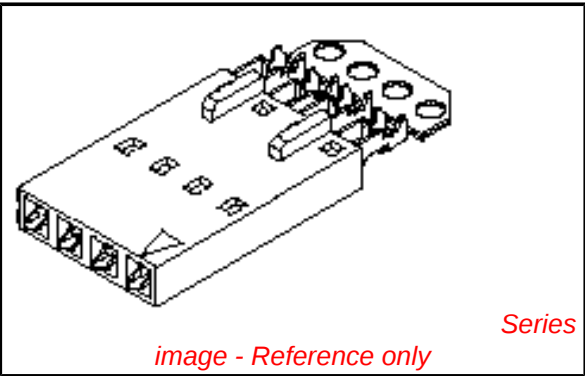
3D Model

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)	11
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	70475-0780
Reference - Drawing Numbers	
Product Specification	PS-70400



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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.

China RoHS



Search Parts in this Series

70475Series

Mates With

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

Use With

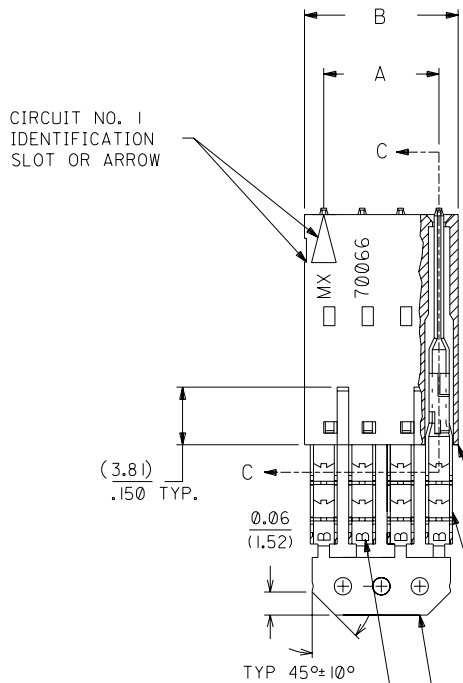
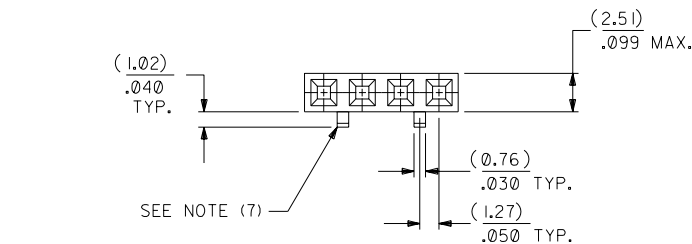
7307 Tinned 28AWG, 7767 Topcoat 28AWG, 24241 Tinned 26AWG, 8996 Topcoat 26AWG, 24226 Tinned 24AWG, 8997 Topcoat 24AWG, 24369 High Flex 26AWG, 24389 High Flex 24AWG

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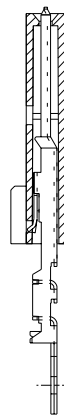
OPTION D

NOTES:

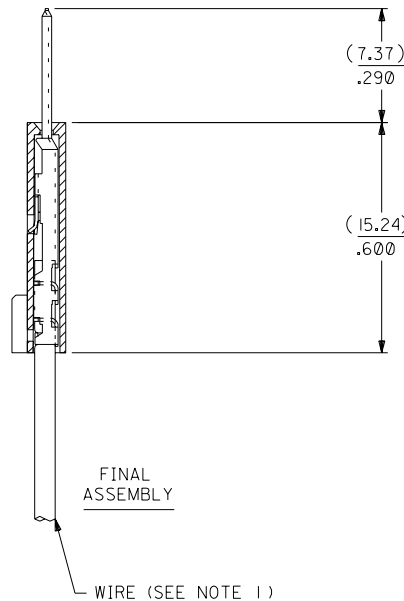
- 1) TO BE USED WITH (26) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: 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
I5 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 $\pm 1/2^\circ$		 =  REVISE ONLY ON CAD SYSTEM	
F		D		LEAD FREE UCP2004-1769 RWWHITE 04/03/24		REVISE PER ECR # U81370 5/20/88 MUM		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2,54)X.100 GRID)	
E		C		ADD CARRIER CHAMF ECN # UDT1998-0280 05/20/98 LMCGRATH		REDRAWN ON CAD ECR# 8842 5/23/86 W.Z.		MOLEX INCORPORATED LITTLE ROCK, AR 68932 U.S.A.	
L.T.R.		L.T.R.		REVISIONS		REVISIONS		SHEET NO. 1 DATE 10/13/84	
L.T.R.		L.T.R.		REVISIONS		REVISIONS		PART NO. SEE CHART SD4-70475-0771-0794	
L.T.R.		L.T.R.		REVISIONS		REVISIONS		FILE NAME 570475X5 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	