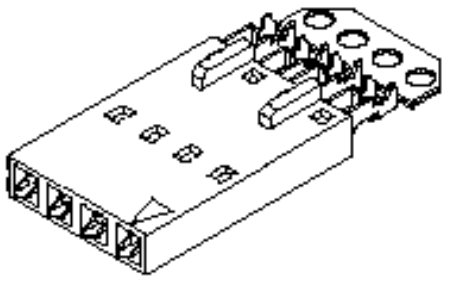
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0014441614
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), 14 Circuits



Series image - Reference only

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)	14
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

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	70475-0783

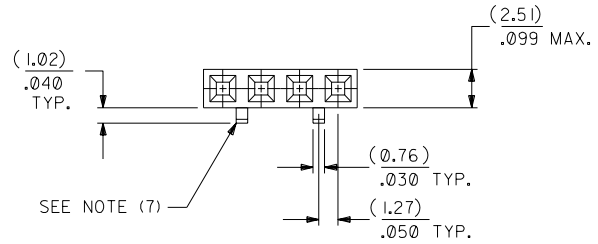
Reference - Drawing Numbers

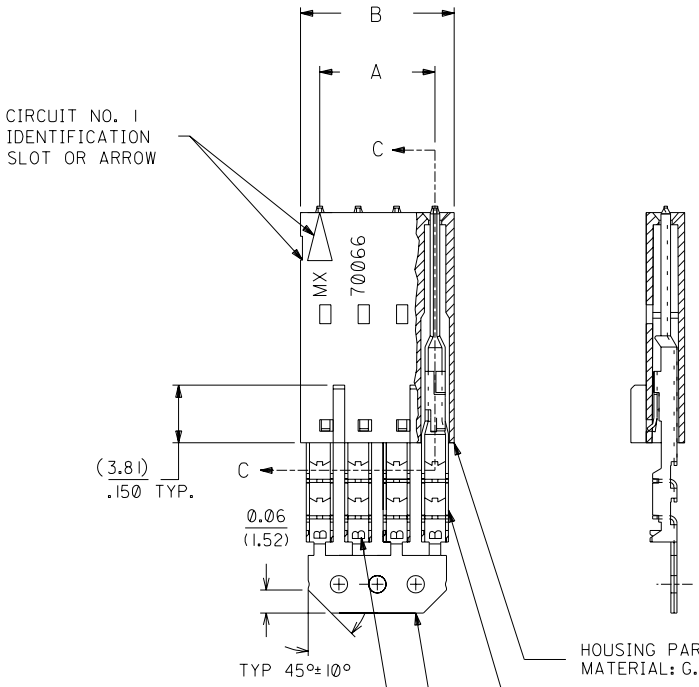
Product Specification	PS-70400

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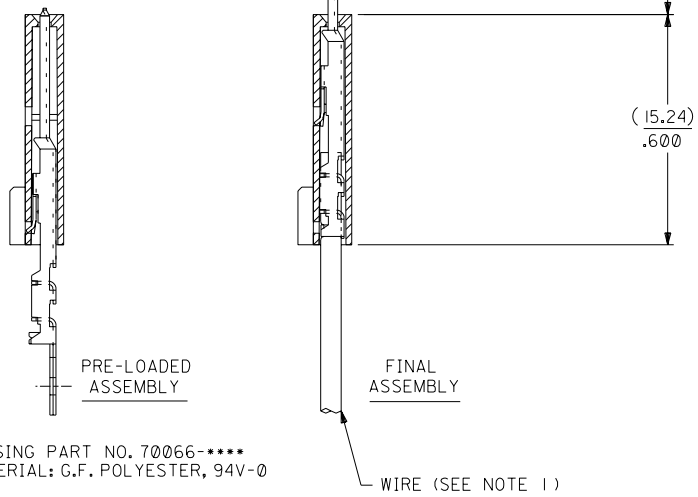
OPTION D







SECTION C-C



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.

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

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

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.

LTR.	REVISIONS	LTR.	REVISIONS
		E	REVISED PER ECR NO. U82124 10-17-88 MGB
F	LEAD FREE UCP2004-1769 RWHITE 04/03/24	D	REVISE PER ECR #U81370 5/20/88 MJM
E1	ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH	C	REDRAWN ON CAD ECR# 8842 5/23/86 W.Z.

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.35

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY WAZ | CHK'D. BY WAZ | APP'D. BY RL | SCALE 4 : 1

MFG. | SH. | REV.

▽ = ▼ = REVISE ONLY ON CAD SYSTEM

TITLE: ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 1 | DATE 10/13/84

PART NO. SEE CHART | DRWG. NO. SDA-70475-0771-0794

FILE NAME S70475DX5

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DIV. | SIZE C