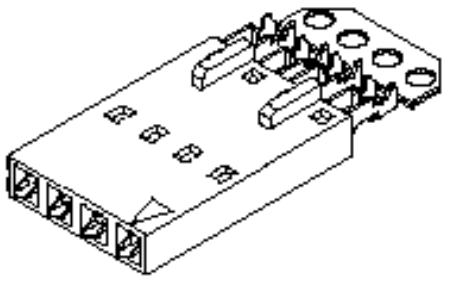
This document was generated on 05/24/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0014444916
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 28, 0.76µm (30µ") Gold (Au), 16 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)	16
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	28
Wire/Cable Type	Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-70400

EU RoHS	China RoHS
Compliance Status	
Not Reviewed	
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.

Search Parts in this Series
70475Series

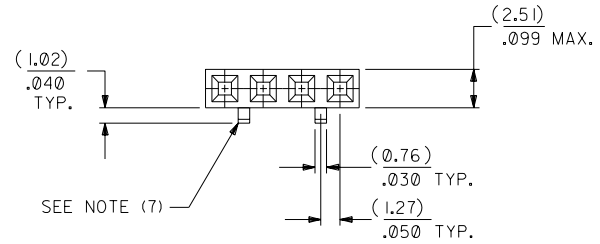
Mates With
70004 Interim Clip (Single Row), 70013 Interim Clip (Dual Row)

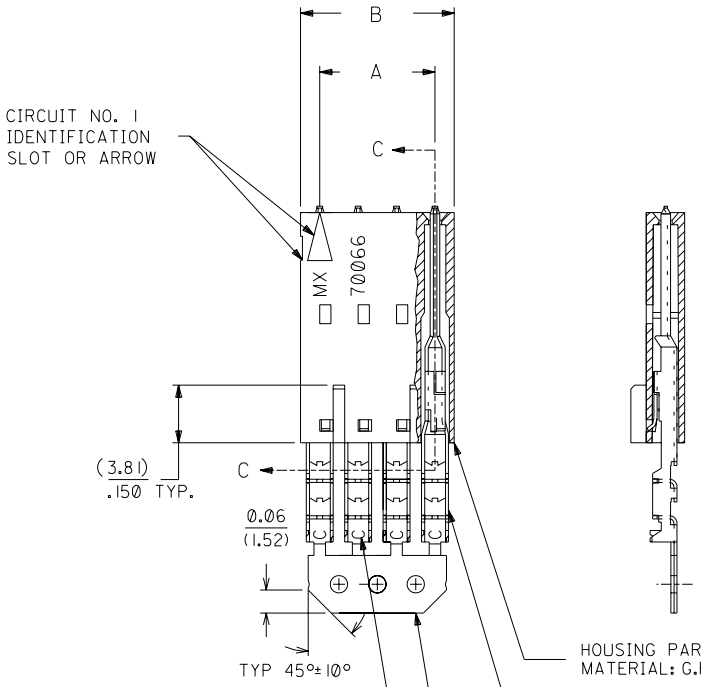
Use With
7307 Tinned 28AWG, 7767 Topcoat 28AWG, 24241 Tinned 26AWG, 8996 Topcoat 26AWG, 24226 Tinned 24AWG, 8997 Topcoat 24AWG, 24369 High Flex 26AWG, 24389 High Flex 24AWG

This document was generated on 05/24/2010

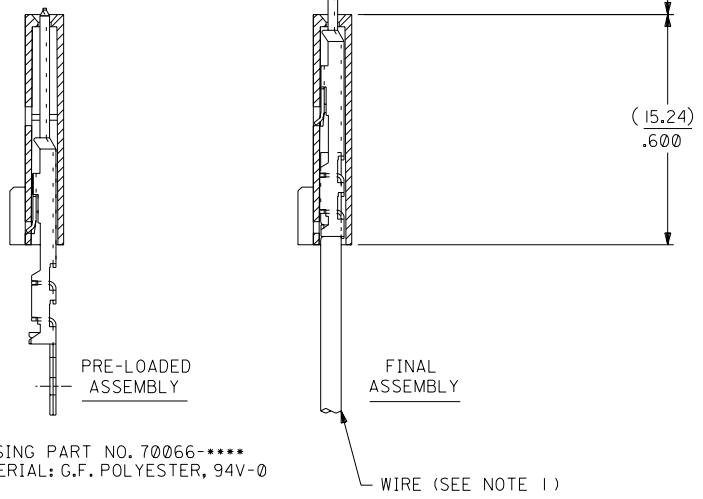
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

OPTION D









NOTES:

1) TO BE USED WITH (28) 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	14-44-4902	A-70475-1471
3	(5.08) .200	(7.59) .299	14-44-4903	A-70475-1472
4	(7.62) .300	(10.13) .399	14-44-4904	A-70475-1473
5	(10.16) .400	(12.67) .499	14-44-4905	A-70475-1474
6	(12.70) .500	(15.21) .599	14-44-4906	A-70475-1475
7	(15.24) .600	(17.75) .699	14-44-4907	A-70475-1476
8	(17.78) .700	(20.29) .799	14-44-4908	A-70475-1477
9	(20.32) .800	(22.83) .899	14-44-4909	A-70475-1478
10	(22.86) .900	(25.37) .999	14-44-4910	A-70475-1479
11	(25.54) 1.000	(27.91) 1.099	14-44-4911	A-70475-1480
12	(27.94) 1.100	(30.45) 1.199	14-44-4912	A-70475-1481
13	(30.48) 1.200	(32.99) 1.299	14-44-4913	A-70475-1482
14	(33.02) 1.300	(35.53) 1.399	14-44-4914	A-70475-1483
15	(35.56) 1.400	(38.07) 1.499	14-44-4915	A-70475-1484
16	(38.01) 1.500	(40.61) 1.599	14-44-4916	A-70475-1485
17	(40.64) 1.600	(43.15) 1.699	14-44-4917	A-70475-1486
18	(43.18) 1.700	(45.69) 1.799	14-44-4918	A-70475-1487
19	(45.72) 1.800	(48.23) 1.899	14-44-4919	A-70475-1488
20	(48.26) 1.900	(50.77) 1.999	14-44-4920	A-70475-1489
21	(50.80) 2.000	(53.31) 2.099	14-44-4921	A-70475-1490
22	(53.34) 2.100	(55.85) 2.199	14-44-4922	A-70475-1491
23	(55.88) 2.200	(58.39) 2.299	14-44-4923	A-70475-1492
24	(58.42) 2.300	(60.93) 2.399	14-44-4924	A-70475-1493
25	(60.96) 2.400	(63.47) 2.499	14-44-4925	A-70475-1494

I.D. SLOT CODE TO WIRE GAUGE CHART	
I.D. SLOT CODE	WIRE GAUGE
C	28 AWG.

PLATING CODE (STRIPE ON CARRIER STRIP)	
PLATING	COLOR
30 GOLD	RED

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.

LTR.	REVISIONS
E	LEAD FREE UCP2004-1769 RWHITE 04/03/24
D1	ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH
D	REVISED PER ECR NO. U82124 10-17-88 MGB
C	REVISE PER ECR #U81370 5/20/88 MJM
B	REDRAWN ON CAD ECR# 8842 5/9/86 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-70475-1471-1494

FILE NAME S70475DX9

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DIV. | SIZE C