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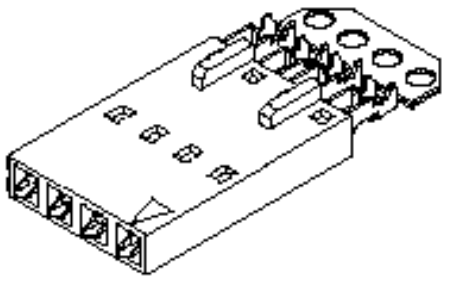
Part Number: 0014445210
Status: Active
Overview: cgrid__sl_products
Description: 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 22, 3.81µm (150µ") Tin (Sn), 10 Circuits



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)	10
Durability (mating cycles max)	25
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	22
Wire/Cable Type	Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact	3A
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

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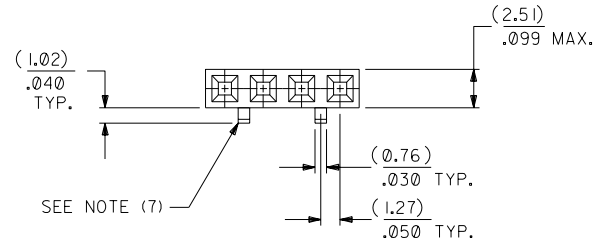
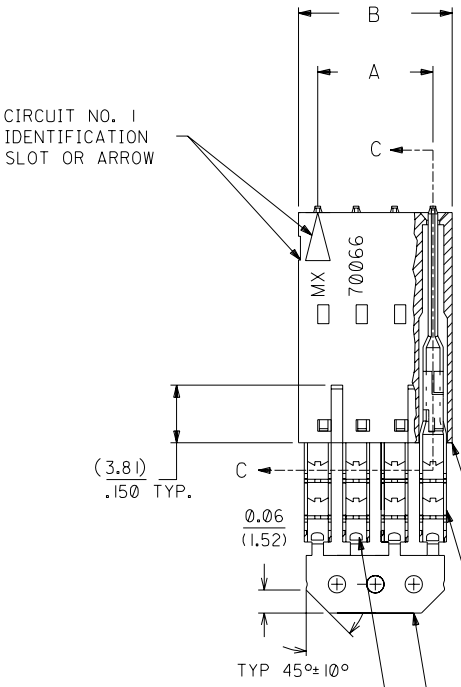
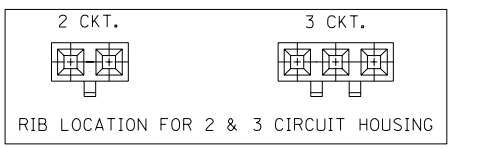
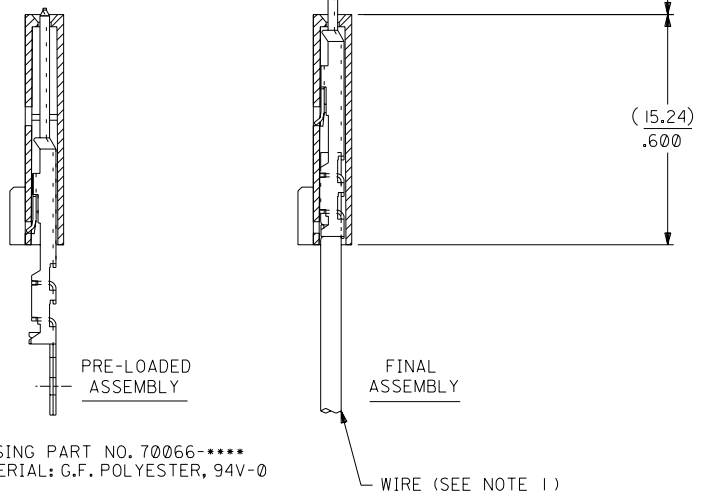
OPTION D







SECTION C-C



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

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

TIN - .000150 MINIMUM TIN OVER
.000050 MINIMUM NICKEL PLATE.

NOTES:

1) TO BE USED WITH (22) 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	14-44-5202	A-70475-2171
3	(5.08) .200	(7.59) .299	14-44-5203	A-70475-2172
4	(7.62) .300	(10.13) .399	14-44-5204	A-70475-2173
5	(10.16) .400	(12.67) .499	14-44-5205	A-70475-2174
6	(12.70) .500	(15.21) .599	14-44-5206	A-70475-2175
7	(15.24) .600	(17.75) .699	14-44-5207	A-70475-2176
8	(17.78) .700	(20.29) .799	14-44-5208	A-70475-2177
9	(20.32) .800	(22.83) .899	14-44-5209	A-70475-2178
10	(22.86) .900	(25.37) .999	14-44-5210	A-70475-2179
11	(25.54) 1.000	(27.91) 1.099	14-44-5211	A-70475-2180
12	(27.94) 1.100	(30.45) 1.199	14-44-5212	A-70475-2181
13	(30.48) 1.200	(32.99) 1.299	14-44-5213	A-70475-2182
14	(33.02) 1.300	(35.53) 1.399	14-44-5214	A-70475-2183
15	(35.56) 1.400	(38.07) 1.499	14-44-5215	A-70475-2184
16	(38.01) 1.500	(40.61) 1.599	14-44-5216	A-70475-2185
17	(40.64) 1.600	(43.15) 1.699	14-44-5217	A-70475-2186
18	(43.18) 1.700	(45.69) 1.799	14-44-5218	A-70475-2187
19	(45.72) 1.800	(48.23) 1.899	14-44-5219	A-70475-2188
20	(48.26) 1.900	(50.77) 1.999	14-44-5220	A-70475-2189
21	(50.80) 2.000	(53.31) 2.099	14-44-5221	A-70475-2190
22	(53.34) 2.100	(55.85) 2.199	14-44-5222	A-70475-2191
23	(55.88) 2.200	(58.39) 2.299	14-44-5223	A-70475-2192
24	(58.42) 2.300	(60.93) 2.399	14-44-5224	A-70475-2193
25	(60.96) 2.400	(63.47) 2.499	14-44-5225	A-70475-2194

70475

I.D. SLOT CODE TO WIRE GAUGE CHART	
I.D. SLOT CODE	WIRE GAUGE
D	22 AWG.

PLATING CODE (STRIPE ON CARRIER STRIP)	
PLATING	COLOR
TIN	NONE

*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	LEAD FREE UCP2004-1769 RWHITE 04/03/24	C	REVISED PER ECR NO. U82124 10-17-88 MGB
D1	ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH	B	REVISE PER ECR #U81370 5/20/88 MJM
D	164 PLATING WAS 102 PER ECR # U31149 08/09/93 REED	A	RELEASE FOR PROD. PER ERO NO. 25618 11-30-87 AAB

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

MFG. | SH. | REV.

▽ = 0 ▼ = 0 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 11/30/87

PART NO. SEE CHART | DRWG. NO. SDA-70475-2171-2194

FILE NAME 74752171 DGN

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DIV. | SIZE C