

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014442906

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, 0.76µm (30µ") Gold (Au), 6 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)	6
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)	30
Plating min: Mating (µm)	0.76
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

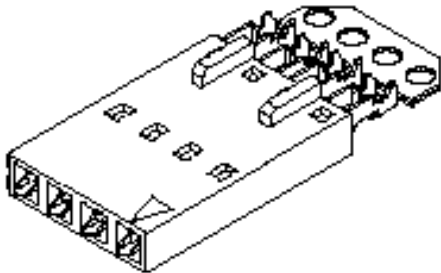


image - Reference only

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

70475-1300

Reference - Drawing Numbers

Product Specification

PS-70400

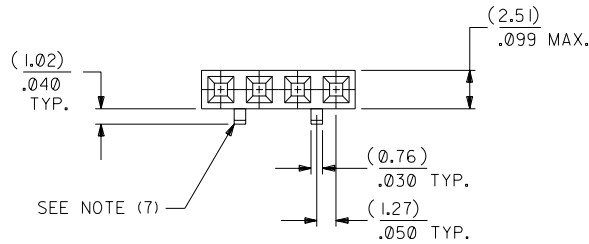
This document was generated on 05/24/2010

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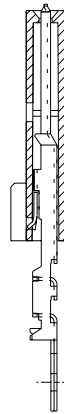
OPTION D

NOTES:

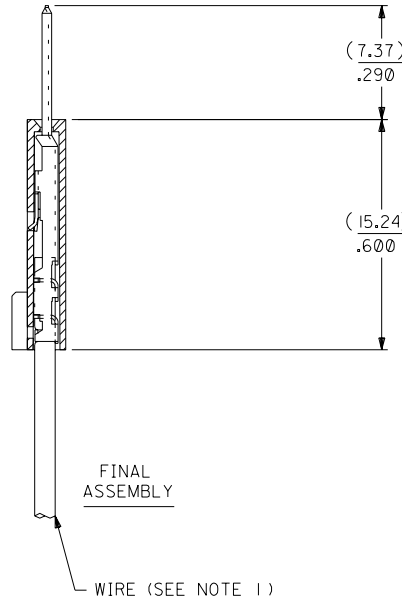
- 1) TO BE USED WITH (26) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: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

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

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

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.

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
30 GOLD	RED

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100	(5.05) .199	14-44-2902	A-70475-1296
3	(5.08) .200	(7.59) .299	14-44-2903	A-70475-1297
4	(7.62) .300	(10.13) .399	14-44-2904	A-70475-1298
5	(10.16) .400	(12.67) .499	14-44-2905	A-70475-1299
6	(12.70) .500	(15.21) .599	14-44-2906	A-70475-1300
7	(15.24) .600	(17.75) .699	14-44-2907	A-70475-1301
8	(17.78) .700	(20.29) .799	14-44-2908	A-70475-1302
9	(20.32) .800	(22.83) .899	14-44-2909	A-70475-1303
10	(22.86) .900	(25.37) .999	14-44-2910	A-70475-1304
11	(25.54) 1.000	(27.91) 1.099	14-44-2911	A-70475-1305
12	(27.94) 1.100	(30.45) 1.199	14-44-2912	A-70475-1306
13	(30.48) 1.200	(32.99) 1.299	14-44-2913	A-70475-1307
14	(33.02) 1.300	(35.53) 1.399	14-44-2914	A-70475-1308
15	(35.56) 1.400	(38.07) 1.499	14-44-2915	A-70475-1309
16	(38.01) 1.500	(40.61) 1.599	14-44-2916	A-70475-1310
17	(40.64) 1.600	(43.15) 1.699	14-44-2917	A-70475-1311
18	(43.18) 1.700	(45.69) 1.799	14-44-2918	A-70475-1312
19	(45.72) 1.800	(48.23) 1.899	14-44-2919	A-70475-1313
20	(48.26) 1.900	(50.77) 1.999	14-44-2920	A-70475-1314
21	(50.80) 2.000	(53.31) 2.099	14-44-2921	A-70475-1315
22	(53.34) 2.100	(55.85) 2.199	14-44-2922	A-70475-1316
23	(55.88) 2.200	(58.39) 2.299	14-44-2923	A-70475-1317
24	(58.42) 2.300	(60.93) 2.399	14-44-2924	A-70475-1318
25	(60.96) 2.400	(63.47) 2.499	14-44-2925	A-70475-1319

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLACE	± .010	INCH	METRIC
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
LTR. REVISIONS		LTR. REVISIONS	
E		D	
LEAD FREE UCP2004-1769 RWHITE 04/03/24		REVISED PER ECR NO. U82124 10-17-88 MGB	
DI		C	
ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH		REVISE PER ECR #U81370 5/20/88 MJM	
B		A	
REDRAWN ON CAD ECR# 8842 5/9/86 W.Z.		TITLE	
ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)		PART NO.	
SEE CHART		SDA-70475-1296-1319	
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
S70475DX8		DIV. SIZE	
MFG. SH. REV.		REVISE ONLY ON CAD SYSTEM	
MOLEX INCORPORATED		SHEET NO. 1	
LITSE,ILL. 60532		DATE 10/13/84	