

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014442509

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 24, 0.76µm (30µ") Gold (Au), 9 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)

9

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

24

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

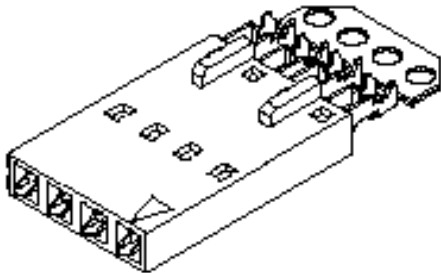


image - Reference only

Series

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

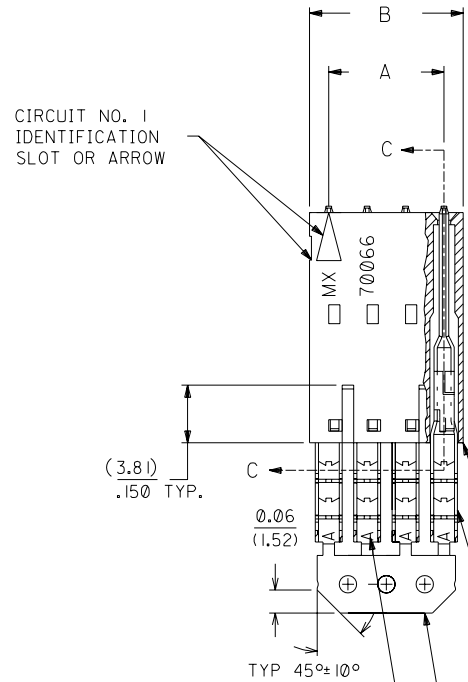
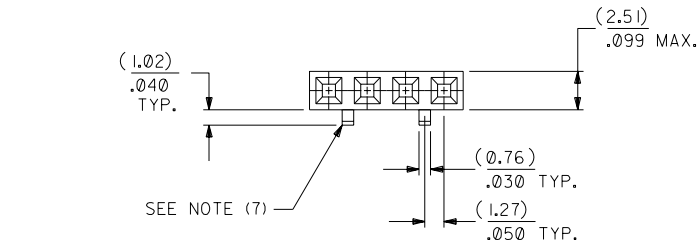
Mates With
70004 Interim Clip (Single Row), 70013 Interim Clip (Dual Row)

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

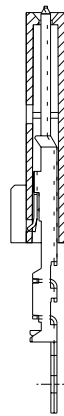
OPTION D

NOTES:

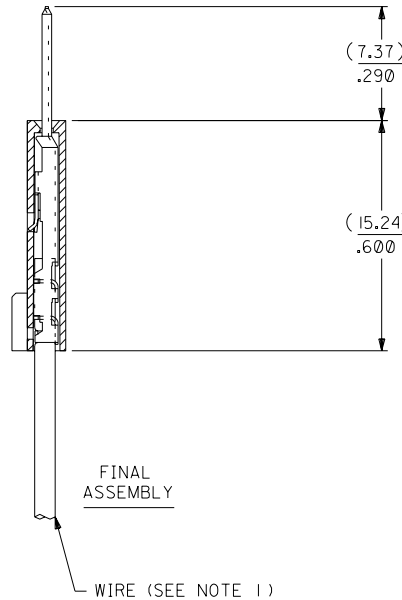
- 1) TO BE USED WITH (24) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: 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



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
A	24 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	14-44-2502	A-70475-1121
3	(5.08) .200	(7.59) .299	14-44-2503	A-70475-1122
4	(7.62) .300	(10.13) .399	14-44-2504	A-70475-1123
5	(10.16) .400	(12.67) .499	14-44-2505	A-70475-1124
6	(12.70) .500	(15.21) .599	14-44-2506	A-70475-1125
7	(15.24) .600	(17.75) .699	14-44-2507	A-70475-1126
8	(17.78) .700	(20.29) .799	14-44-2508	A-70475-1127
9	(20.32) .800	(22.83) .899	14-44-2509	A-70475-1128
10	(22.86) .900	(25.37) .999	14-44-2510	A-70475-1129
11	(25.54) 1.000	(27.91) 1.099	14-44-2511	A-70475-1130
12	(27.94) 1.100	(30.45) 1.199	14-44-2512	A-70475-1131
13	(30.48) 1.200	(32.99) 1.299	14-44-2513	A-70475-1132
14	(33.02) 1.300	(35.53) 1.399	14-44-2514	A-70475-1133
15	(35.56) 1.400	(38.07) 1.499	14-44-2515	A-70475-1134
16	(38.01) 1.500	(40.61) 1.599	14-44-2516	A-70475-1135
17	(40.64) 1.600	(43.15) 1.699	14-44-2517	A-70475-1136
18	(43.18) 1.700	(45.69) 1.799	14-44-2518	A-70475-1137
19	(45.72) 1.800	(48.23) 1.899	14-44-2519	A-70475-1138
20	(48.26) 1.900	(50.77) 1.999	14-44-2520	A-70475-1139
21	(50.80) 2.000	(53.31) 2.099	14-44-2521	A-70475-1140
22	(53.34) 2.100	(55.85) 2.199	14-44-2522	A-70475-1141
23	(55.88) 2.200	(58.39) 2.299	14-44-2523	A-70475-1142
24	(58.42) 2.300	(60.93) 2.399	14-44-2524	A-70475-1143
25	(60.96) 2.400	(63.47) 2.499	14-44-2525	A-70475-1144

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	LEAD FREE UCP2004-1769 RWHITE 04/03/24	C	REVISE PER ECR #U81370 5/20/88 MJM
DI	ADD CARRIER CHAMF ECR #UDT1998-0280 05/20/98 LMCGRATH	B	REDRAWN ON CAD ECR# 8842 5/9/86 W.Z.
D	REVISED PER ECR NO. U82124 10-17-88 MGB		

FILE NAME	SDA-70475-1121-1144	SHEET NO.	1	DATE	10/13/84
FILE NAME	SDA-70475-1121-1144	DRWG. NO.	SDA-70475-1121-1144		
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