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Part Number:

0014445306

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, 0.38µm (15µ") Gold (Au), 6 Circuits

Documents:	
3D Model	Product Specification PS-70400 (PDF)
Drawing (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™

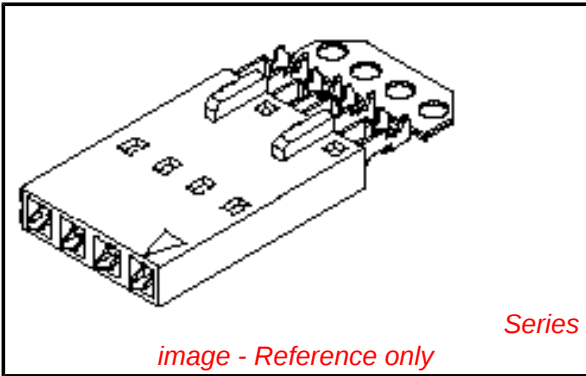
Physical

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)	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	22
Wire/Cable Type	Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Material Info



EU RoHS

ELV and RoHS Compliant

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.

China RoHS



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

70475-2350

Reference - Drawing Numbers

Product Specification

PS-70400

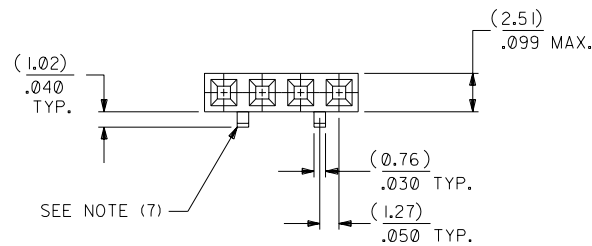
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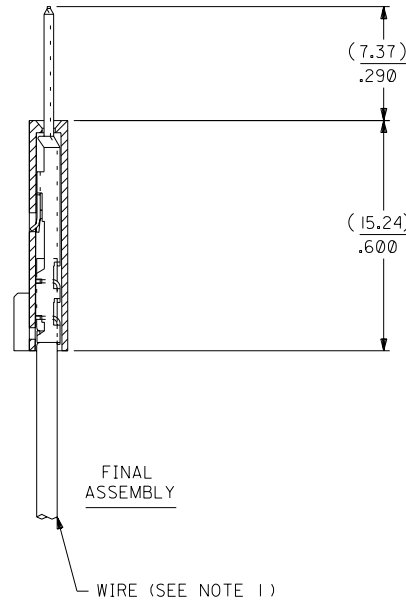
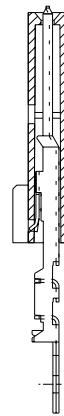
OPTION D

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.



SECTION C-C



PRE-LOADED
- ASSEMBLY

FINAL
ASSEMBLY

WIRE (SEE NOTE 1)

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

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

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.

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
15 GOLD	YELLOW

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100 (5.08)	(5.05) .199 (7.59)	14-44-5302	A-70475-2346
3	.200 (7.62)	.299 (10.13)	14-44-5303	A-70475-2347
4	.300 (10.16)	.399 (12.67)	14-44-5304	A-70475-2348
5	.400 (12.70)	.499 (15.21)	14-44-5305	A-70475-2349
6	.500 (15.24)	.599 (17.75)	14-44-5306	A-70475-2350
7	.600 (17.78)	.699 (20.29)	14-44-5307	A-70475-2351
8	.700 (20.32)	.799 (22.83)	14-44-5308	A-70475-2352
9	.800 (22.86)	.899 (25.37)	14-44-5309	A-70475-2353
10	.900 (25.54)	.999 (27.91)	14-44-5310	A-70475-2354
11	1.000 (27.94)	1.099 (30.45)	14-44-5311	A-70475-2355
12	1.100 (30.48)	1.199 (32.99)	14-44-5312	A-70475-2356
13	1.200 (33.02)	1.299 (35.53)	14-44-5313	A-70475-2357
14	1.300 (35.56)	1.399 (38.07)	14-44-5314	A-70475-2358
15	1.400 (38.01)	1.499 (40.61)	14-44-5315	A-70475-2359
16	1.500 (40.64)	1.599 (43.15)	14-44-5316	A-70475-2360
17	1.600 (43.18)	1.699 (45.69)	14-44-5317	A-70475-2361
18	1.700 (45.72)	1.799 (48.23)	14-44-5318	A-70475-2362
19	1.800 (48.26)	1.899 (50.77)	14-44-5319	A-70475-2363
20	1.900 (50.80)	1.999 (53.31)	14-44-5320	A-70475-2364
21	2.000 (53.34)	2.099 (55.85)	14-44-5321	A-70475-2365
22	2.100 (55.88)	2.199 (58.39)	14-44-5322	A-70475-2366
23	2.200 (58.42)	2.299 (60.93)	14-44-5323	A-70475-2367
24	2.300 (60.96)	2.399 (63.47)	14-44-5324	A-70475-2368
25	2.400 (63.50)	2.499 (66.01)	14-44-5325	A-70475-2369

		C		REVISED PER ECR NO. U82124 10-17-88 MGB		DIMENSIONS SHOWN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°				▽ = ▽ = REVISE ONLY ON CAD SYSTEM																		
D	LEAD FREE UCP2004-1769 RWHITE 04/03/24			B	REVISE PER ECR #U81370 5/20/88 MJM		<table><tr><td colspan="2">INCH</td><td colspan="2">METRIC</td></tr><tr><td>3 PLACE</td><td>± .010</td><td colspan="2">---</td></tr><tr><td>2 PLACE</td><td>± .014</td><td colspan="2">± 0.25</td></tr><tr><td>1 PLACE</td><td>---</td><td colspan="2">± 0.35</td></tr></table>				INCH		METRIC		3 PLACE	± .010	---		2 PLACE	± .014	± 0.25		1 PLACE	---	± 0.35		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54"/1.00 GRID)	
INCH		METRIC																										
3 PLACE	± .010	---																										
2 PLACE	± .014	± 0.25																										
1 PLACE	---	± 0.35																										
CI	ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH			A	RELEASE FOR PROD. PER ECR NO. 25618 11-30-87 AAB		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				PROX MOLEX INCORPORATED SHEET NO. DATE LITTLE JAIL, 60532 U.S.A. 1 11/30/87																	
L.T.R.		REVISIONS			L.T.R.		REVISIONS			PART NO. SEE CHART DRWG. NO. SDA-70475-2346-2369																		
							AAB CHKD. APPRD. BY WA7 SCALE 4 : 1			FILE NAME 74752346 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.																		
										DIV. SIZE																		