

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014445209

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), 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

Series

Comments

Component Type

Glow-Wire Compliant

Overview

Product Name

Ribbon Cable / Wire Trap Connectors

70475

Terminals Preloaded

Housing

No

cgrid_sl_products

SL™

Physical

Circuits (Loaded)

Durability (mating cycles max)

Entry Angle

Flammability

Lock to Mating Part

Number of Rows

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

9

25

Vertical

94V-0

None

1

None

Tube

0.100 In

2.54 mm

No

Yes

N/A

-40°C to +105°C

1.35mm (.053") max.

22

Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

250V

Material Info

Reference - Drawing Numbers

Product Specification

PS-70400

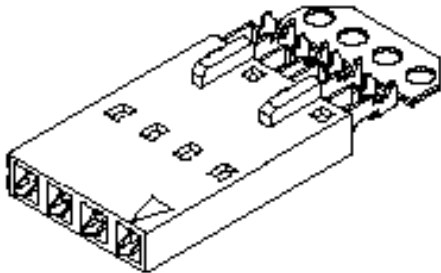


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

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

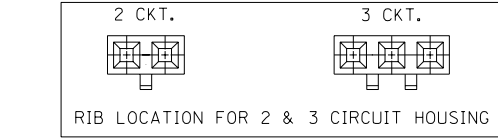
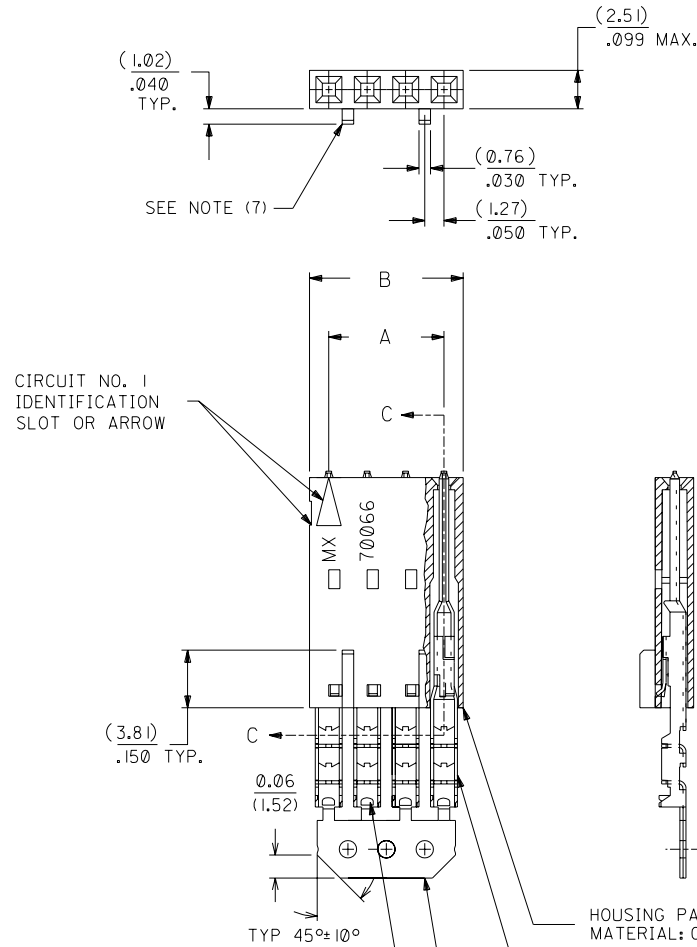
7307 Tinned 28AWG, 7767 Topcoat 28AWG, 24241 Tinned 26AWG, 8996 Topcoat 26AWG, 24226 Tinned 24AWG, 8997 Topcoat 24AWG, 24369 High Flex 26AWG, 24389 High Flex 24AWG

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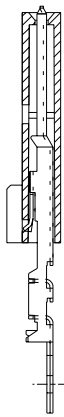
OPTION D

NOTES:

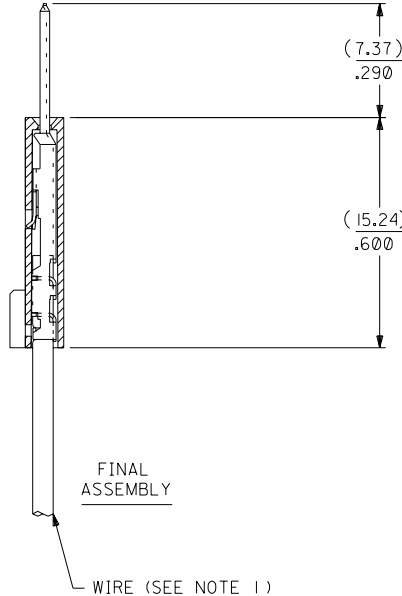
- 1) TO BE USED WITH (22) AWG. STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
- 2) SEE CHART FOR CIRCUIT SIZES.
- 3) STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING MAY BE AVAILABLE, REQUEST DWG. PK-70475.
- 4) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 5) REFER TO PRODUCT SPECIFICATION: 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

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.

*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
TIN	NONE

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

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
LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLACE	INCH METRIC
± .010	---
± .014	± 0.25
---	± 0.35
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DRWG. BY AAB	CHK'D. BY
APP'D. BY WAZ	SCALE 4 : 1

▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM
TITLE		ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)
MOLEX INCORPORATED		SHEET NO. 1
LITSE,ILL. 60532		DATE 11/30/87
PART NO. SEE CHART		DRWG. NO. SDA-70475-2171-2194
FILE NAME 74752171.DGN		DIV. SIZE C
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