

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014450622

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, 3.81µm (150µ") Tin (Sn), 22 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

22

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.

26

Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.8A

250V

Material Info

Reference - Drawing Numbers

Product Specification

PS-70400

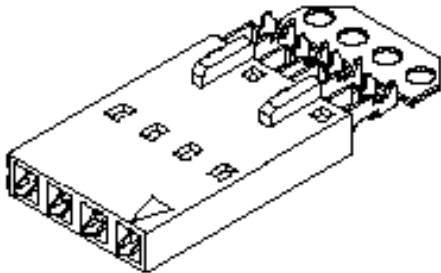


image - Reference only

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)

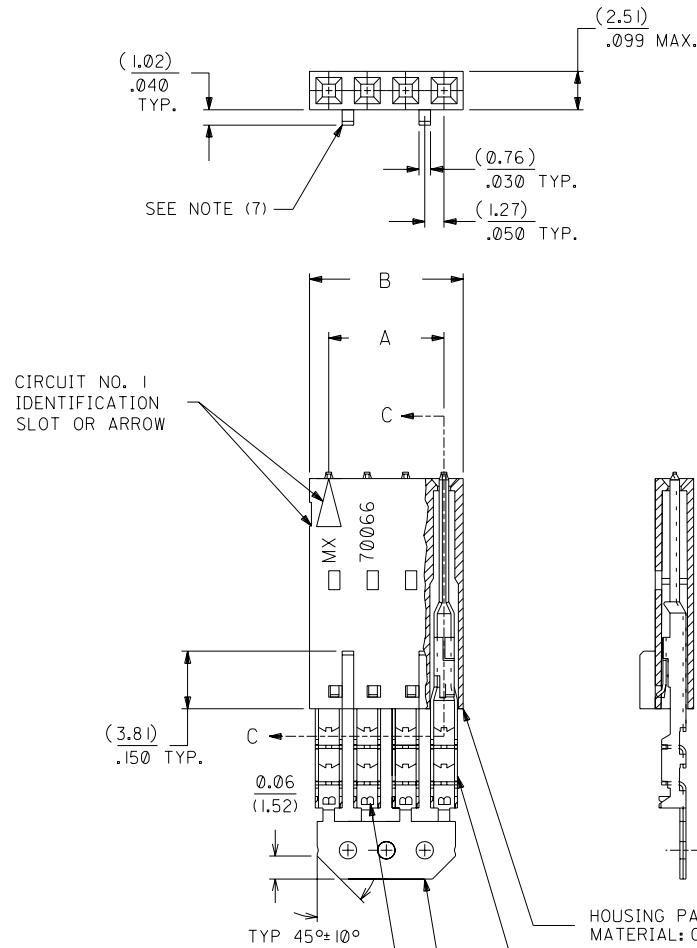
Use With

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

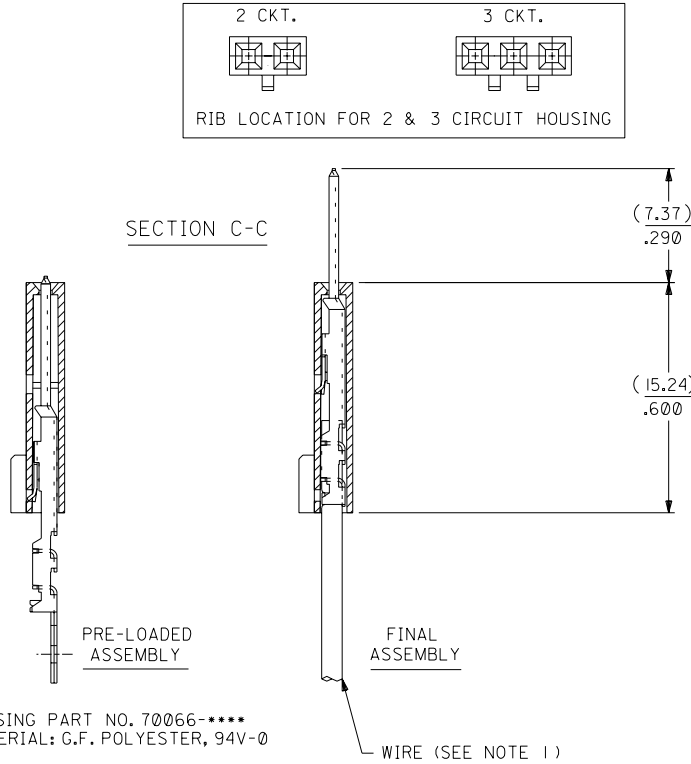
OPTION D

NOTES:

- 1) TO BE USED WITH (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



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
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.

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100	(5.05) .199	14-45-0602	A-70475-0246
3	(5.08) .200	(7.59) .299	14-45-0603	A-70475-0247
4	(7.62) .300	(10.13) .399	14-45-0604	A-70475-0248
5	(10.16) .400	(12.67) .499	14-45-0605	A-70475-0249
6	(12.70) .500	(15.21) .599	14-45-0606	A-70475-0250
7	(15.24) .600	(17.75) .699	14-45-0607	A-70475-0251
8	(17.78) .700	(20.29) .799	14-45-0608	A-70475-0252
9	(20.32) .800	(22.83) .899	14-45-0609	A-70475-0253
10	(22.86) .900	(25.37) .999	14-45-0610	A-70475-0254
11	(25.54) 1.000	(27.91) 1.099	14-45-0611	A-70475-0255
12	(27.94) 1.100	(30.45) 1.199	14-45-0612	A-70475-0256
13	(30.48) 1.200	(32.99) 1.299	14-45-0613	A-70475-0257
14	(33.02) 1.300	(35.53) 1.399	14-45-0614	A-70475-0258
15	(35.56) 1.400	(38.07) 1.499	14-45-0615	A-70475-0259
16	(38.01) 1.500	(40.61) 1.599	14-45-0616	A-70475-0260
17	(40.64) 1.600	(43.15) 1.699	14-45-0617	A-70475-0261
18	(43.18) 1.700	(45.69) 1.799	14-45-0618	A-70475-0262
19	(45.72) 1.800	(48.23) 1.899	14-45-0619	A-70475-0263
20	(48.26) 1.900	(50.77) 1.999	14-45-0620	A-70475-0264
21	(50.80) 2.000	(53.31) 2.099	14-45-0621	A-70475-0265
22	(53.34) 2.100	(55.85) 2.199	14-45-0622	A-70475-0266
23	(55.88) 2.200	(58.39) 2.299	14-45-0623	A-70475-0267
24	(58.42) 2.300	(60.93) 2.399	14-45-0624	A-70475-0268
25	(60.96) 2.400	(63.47) 2.499	14-45-0625	A-70475-0269

G		E		F		D		C		B		A	
LEAD FREE UCP2004-1769 RWHITE 04/03/24		REVISED PER ECR NO. U82124 10-17-88 MGB		ADD CARRIER CHAMF ECR *UDT1998-0280 05/20/98 LMCGRATH		REVISE PER ECR *U81370 5/20/88 MJM		164 PLATING WAS 102 PER ECR * U31149 REED 08/09/93		REDRAWN ON CAD ECR* 8842 5/9/86 W.Z.			
LTR.		REVISIONS		LTR.		REVISIONS		LTR.		REVISIONS		LTR.	
DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		3 PLACE ± .010		2 PLACE ± .014		1 PLACE ± .035		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWG. BY WAZ	
APPRO. BY RL		SCALE 4 : 1		FILE NAME S704750X2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. SIZE C		MFG. SH. REV.		REVISE ONLY ON CAD SYSTEM	
TITLE		ASSEMBLY, SL CONNECTOR (SINGLE ROW- (2.54)/.100 GRID)		PART NO. SEE CHART		SDA-70475-0246-0269		SHEET NO. 1		DATE 10/13/84			
MOLEX INCORPORATED		LITSE, ILL. 60532		U.S.A.									