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Part Number:

0014450206

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, 3.81µm (150µ") Tin (Sn), 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)	25
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
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)	150
Plating min: Mating (µm)	3.81
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.81
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	24
Wire/Cable Type	Discrete Wire, Ribbon Cable

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

Material Info

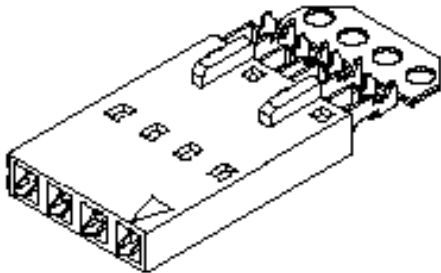


image - Reference only

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

70475-0075

Reference - Drawing Numbers

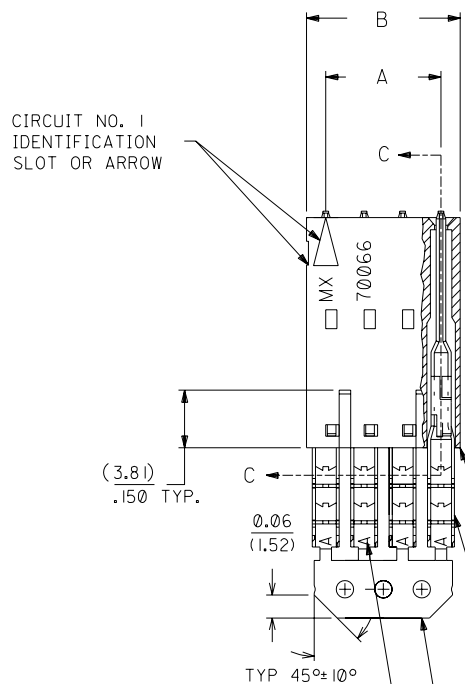
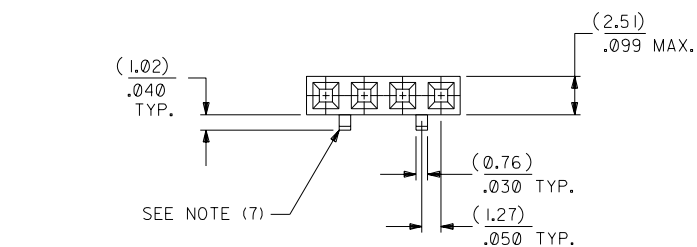
Product Specification

PS-70400

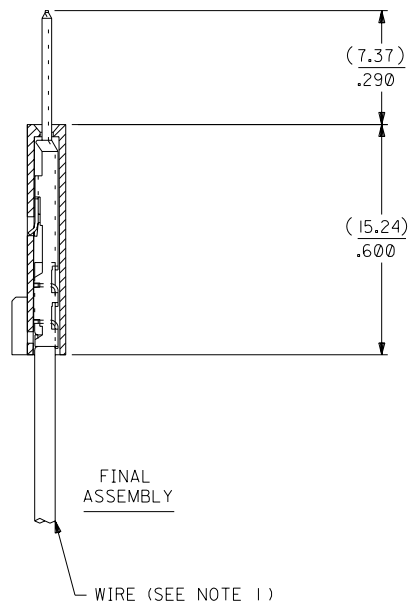
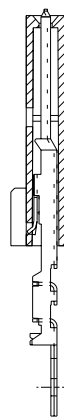
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OPTION D



SECTION C-C



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

TERMINAL PART NO. 70110-****
MATERIAL: PHOSPHOR BRONZE
PLATING PER FS-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
A	24 AWG.

PLATING CODE (STRIPE ON CARRIER STRIP)	
PLATING	COLOR
TIN	NONE

- 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.

CKT. SIZE	A	B	EDP. NO.	ENG. NO.
2	(2.54) .100	(5.05) .199	14-45-0202	A-70475-0071
3	(5.08) .200	(7.59) .299	14-45-0203	A-70475-0072
4	(7.62) .300	(10.13) .399	14-45-0204	A-70475-0073
5	(10.16) .400	(12.67) .499	14-45-0205	A-70475-0074
6	(12.70) .500	(15.21) .599	14-45-0206	A-70475-0075
7	(15.24) .600	(17.75) .699	14-45-0207	A-70475-0076
8	(17.78) .700	(20.29) .799	14-45-0208	A-70475-0077
9	(20.32) .800	(22.83) .899	14-45-0209	A-70475-0078
10	(22.86) .900	(25.37) .999	14-45-0210	A-70475-0079
11	(25.54) 1.000	(27.91) 1.099	14-45-0211	A-70475-0080
12	(27.94) 1.100	(30.45) 1.199	14-45-0212	A-70475-0081
13	(30.48) 1.200	(32.99) 1.299	14-45-0213	A-70475-0082
14	(33.02) 1.300	(35.53) 1.399	14-45-0214	A-70475-0083
15	(35.56) 1.400	(38.07) 1.499	14-45-0215	A-70475-0084
16	(38.01) 1.500	(40.61) 1.599	14-45-0216	A-70475-0085
17	(40.64) 1.600	(43.15) 1.699	14-45-0217	A-70475-0086
18	(43.18) 1.700	(45.69) 1.799	14-45-0218	A-70475-0087
19	(45.72) 1.800	(48.23) 1.899	14-45-0219	A-70475-0088
20	(48.26) 1.900	(50.77) 1.999	14-45-0220	A-70475-0089
21	(50.80) 2.000	(53.31) 2.099	14-45-0221	A-70475-0090
22	(53.34) 2.100	(55.85) 2.199	14-45-0222	A-70475-0091
23	(55.88) 2.200	(58.39) 2.299	14-45-0223	A-70475-0092
24	(58.42) 2.300	(60.93) 2.399	14-45-0224	A-70475-0093
25	(60.96) 2.400	(63.47) 2.499	14-45-0225	A-70475-0094

G LEAD FREE UCP2004-1769 RWHITE 04/03/24		E REVISED PER ECR NO. U82124 10-17-88 MGB		DIMENSIONS SHOWN METRIC/INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$		$\nabla = 0$ $\blacktriangledown = 0$ REVISE ONLY ON CAD SYSTEM	
F ADD CARRIER CHAMF ECN #UDT1998-0280 05/20/98 LMCGRATH		D REVISE PER ECR #U81370 5/20/88 MJM		INCH METRIC 2 PLACE $\pm .010$ --- 3 PLACE $\pm .014$ ± 0.25 1 PLACE --- ± 0.35		TITLE ASSEMBLY, SL CONNECTOR (SINGLE ROW - (2.54) x .100 GRID)	
F 164 PLATING WAS 102 PER ECR # U31149 08/09/93 REED		C REDRAWN ON CAD ECR # 8842 5/9/86 W.Z.		DRAFT WHEN APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LEISLIE, ILL. 60932 U.S.A.	
LTR. REVISIONS		LTR. REVISIONS		PART NO. SEE CHART DRWG. NO. WAZ APP'D. R SCALE 4:1 CWD. BY WAZ		SHEET NO. 1 DATE 10/13/84 DRWG. NO. SDA-70475-0071-0094	
				FILE NAME 5704750X1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
				DIV.		SIZE	