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Part Number: [0050579209](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch SL™ Crimp Housing, Single Row, Version C, Front Ribs, 9 Circuits

Documents:

3D Model	Product Specification PS-70058 (PDF)
Packaging Specification (PDF)	Product Specification PS-70400 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	70066
Comments	Version C
Overview	cgrid_sl_products
Product Name	SL™

Physical

Circuits (maximum)	9
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Material - Resin	Polyester Alloy
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Material Info

Old Part Number	70066-0078
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Reference - Drawing Numbers

Packaging Specification	PK-70066-100
Product Specification	PS-70058, PS-70400
Sales Drawing	SD-70066-0071-0094
Test Summary	TS-70058-001

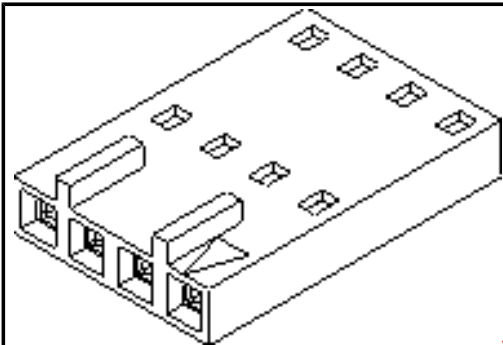


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
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

[70066Series](#)

Mates With

[70544](#), [70546](#), [70554](#) , [70556](#), [70543](#), [70545](#)
, [70553](#) , [70555](#)

Use With

[70058](#) , [71851](#)

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100

- 1) MATERIAL: G.F. POLYESTER
- 2) HOUSING TO BE USE WITH TERMINAL
PT. NO. 70058-****
- 3) SEE CHART FOR CIRCUIT SIZES.
- 4) TO BE USED WITH (0.64)/.025 SQ. OR RD. PINS.
- 5) PARTS STACKABLE END TO END ON
(2.54)/.100 CENTERS.
- 6) REFER TO PRODUCT SPECIFICATION NO. : P.S.-70058
- 7) PARTS MAY OR MAY NOT BE SUPPLIED WITH EXTERIOR
CORE-OUT CONFIGURATION. SEE DWG. SD-70066-****
FOR OPTIONAL HOUSING DETAILS.
- 8) PACKAGE PER PK-70066-100.

Diagram illustrating the mechanical dimensions of a 4-pin connector. The dimensions are specified as follows:

- Pin Pitch (A):** (0.76) TYP.
- Pin Width (B):** (0.50) TYP.
- Pin Spacing (C):** (1.27) TYP.
- Pin Length (D):** (2.51) MAX. REF.
- Pin Thickness (E):** (0.40) TYP.
- Pin Height (F):** (0.30) TYP.
- Pin Diameter (G):** (0.02) TYP.

Technical drawing of a mechanical part showing a cross-section. The drawing includes dimensions (3.81) and .150, and a section line labeled MX.

CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	50-57-9202	70066-0071	(2.54) 1.00	(5.05) .199
3	50-57-9203	70066-0072	(5.08) .200	(7.59) .299
4	50-57-9204	70066-0073	(7.62) .300	(10.13) .399
5	50-57-9205	70066-0074	(10.16) .400	(12.67) .499
6	50-57-9206	70066-0075	(12.70) .500	(15.21) .599
7	50-57-9207	70066-0076	(15.24) .600	(17.75) .699
8	50-57-9208	70066-0077	(17.78) .700	(20.29) .799
9	50-57-9209	70066-0078	(20.32) .800	(22.83) .899
10	50-57-9210	70066-0079	(22.86) .900	(25.37) .999
11	50-57-9211	70066-0080	(25.40) 1.000	(27.91) 1.099
12	50-57-9212	70066-0081	(27.94) 1.100	(30.45) 1.199
13	50-57-9213	70066-0082	(30.48) 1.200	(32.99) 1.299
14	50-57-9214	70066-0083	(33.02) 1.300	(35.53) 1.399
15	50-57-9215	70066-0084	(35.56) 1.400	(38.07) 1.499
16	50-57-9216	70066-0085	(38.10) 1.500	(40.61) 1.599
17	50-57-9217	70066-0086	(40.64) 1.600	(43.15) 1.699
18	50-57-9218	70066-0087	(43.18) 1.700	(45.69) 1.799
19	50-57-9219	70066-0088	(45.72) 1.800	(48.23) 1.899
20	50-57-9220	70066-0089	(48.26) 1.900	(50.77) 1.999
21	50-57-9221	70066-0090	(50.80) 2.000	(53.31) 2.099
22	50-57-9222	70066-0091	(53.34) 2.100	(55.85) 2.199
23	50-57-9223	70066-0092	(55.88) 2.200	(58.39) 2.299
24	50-57-9224	70066-0093	(58.42) 2.300	(60.93) 2.399
25	50-57-9225	70066-0094	(60.96) 2.400	(63.47) 2.499

		E		REVISED PER ECR# U10967 8-8-91 MJM/MGB	DIMENSIONS SHOWN METRIC/INCH		▽ = 0 ▽ = 0		REVISE ONLY ON CAD SYSTEM																			
		D		REVISED PER ECR# U80051 3-27-89 MGB	<table><tr><td colspan="2">INCH</td><td colspan="2">METRIC</td></tr><tr><td>3 PLACE</td><td>± .010</td><td>---</td><td>---</td></tr><tr><td>2 PLACE</td><td>± .014</td><td>± 0.25</td><td></td></tr><tr><td>1 PLACE</td><td>---</td><td>± 0.35</td><td></td></tr></table>		INCH		METRIC		3 PLACE	± .010	---	---	2 PLACE	± .014	± 0.25		1 PLACE	---	± 0.35		TITLE		HOUSING CONNECTOR (2.54)X.100 GRID STACKABLE SINGLE ROW			
INCH		METRIC																										
3 PLACE	± .010	---	---																									
2 PLACE	± .014	± 0.25																										
1 PLACE	---	± 0.35																										
F		ADD PKG NOTE ECN U2000-0468 SCHAFFER 99/12/1		C		REDRAWN ON CAD ECR # 9120 5/5/86 WZ		<table><tr><td rowspan="2">MOLEX</td><td colspan="2">MOLEX INCORPORATED</td><td>SHEET NO.</td><td>DATE</td></tr><tr><td>U.S.A.</td><td>68532</td><td>I</td><td>03/26/86</td></tr></table>		MOLEX	MOLEX INCORPORATED		SHEET NO.	DATE	U.S.A.	68532	I	03/26/86										
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		L.T.R.		REVISIONS		<table><tr><td>DRWG. BY</td><td>RS</td><td>CHK'D BY</td><td>WZ</td></tr><tr><td>APP'D. BY</td><td>RL</td><td>SCALE</td><td>4:1</td></tr></table>		DRWG. BY	RS	CHK'D BY	WZ	APP'D. BY	RL	SCALE	4:1	SD-70066-0071-0094		FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. A SIZE						
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