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Connectors	Sockets	I/O Connectors	Cable Assemblies	Fiber Optics	Printed Circuit Products	Automation and Electrical	And More...

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Part Number: 0050579402

Status: Active   **Overview: SL**

Description: 2.54mm (.100") Pitch SL™ Crimp Housing, Single Row, Version G, Positive Latch, 2 Circuits

Documents:
Note - Please disable browser pop-up blockers for documents on www.molex.com

Drawing (PDF)   Product Specification PS-70058 (PDF)

Product Specification PS-70400 (PDF)   3D Model

                                        Packaging Specification (PDF)

Related Catalog Page (PDF)

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Part Detail: (show all)

General   **Physical**   **Electrical**   **Material Info**

General

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

Physical

|	
Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Female
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

Electrical

CSA	LR19980
UL	E29179

Material Info

Old Part Number	70066-0176

Reference - Drawing Numbers

Product Specification	PS-70058
Product Specification	PS-70400
Sales Drawing	SD-70066-0176-0199

Series image - Reference only
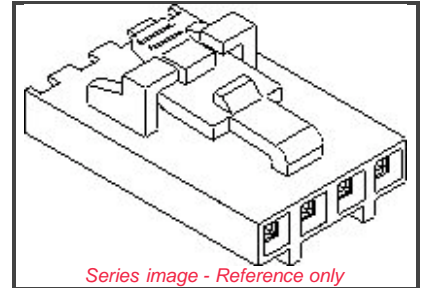
EU RoHS   **China RoHS**
ELV and RoHS Compliant

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Search Parts in this Series
70066 Series

Mates With
70018, 70543, 70545, 70553, 70555, 70107A, 70107B, 70541, 70551, 70634

Use With
70058, 71851

70066

NOTES:

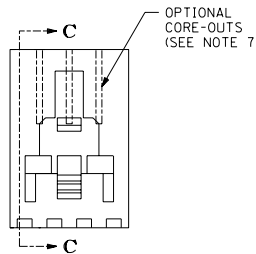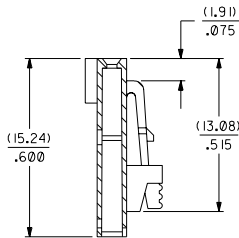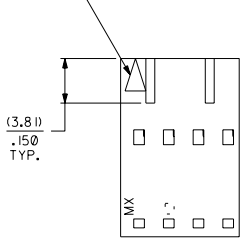1. MATERIAL: G.F. POLYESTER, 94V-0, COLOR: BLACK
2. HOUSING MAY BE USED WITH TERMINAL NUMBERS 70058 AND 71851.
3. REFER TO CHART FOR AVAILABLE CIRCUIT SIZES.
4. HOUSINGS TO BE USED WITH (0.64)/.025 SQUARE OR ROUND PINS.
5. HOUSINGS ARE STACKABLE END-TO-END ON (2.54)/.100 CENTERS.
6. REFER TO MOLEX PRODUCT SPECIFICATIONS PS-70058, PS-71851, AND MOLEX APPLICATION SPECIFICATION SDES-70400.
7. PARTS MAY OR MAY NOT BE SUPPLIED WITH EXTERIOR CORE-OUT CONFIGURATION. REFER TO MOLEX DRAWING NUMBER SD-70066-•••• FOR OPTIONAL HOUSING DETAILS.
8. DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
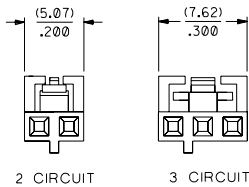9. PACKAGE PER PK-70066-100.

CKT. SIZE	EDP. NO.	ENG. NO.	A ± (0.10)/.004	B MAX.
2	50-57-9402	70066-0176	(2.54)/.100	(5.05)/.199
3	50-57-9403	70066-0177	(5.08)/.200	(7.59)/.299
4	50-57-9404	70066-0178	(7.62)/.300	(10.13)/.399
5	50-57-9405	70066-0179	(10.16)/.400	(12.67)/.499
6	50-57-9406	70066-0180	(12.70)/.500	(15.21)/.599
7	50-57-9407	70066-0181	(15.24)/.600	(17.75)/.699
8	50-57-9408	70066-0182	(17.78)/.700	(20.29)/.799
9	50-57-9409	70066-0183	(20.32)/.800	(22.83)/.899
10	50-57-9410	70066-0184	(22.86)/.900	(25.37)/.999
11	50-57-9411	70066-0185	(25.40)/1.000	(27.91)/1.099
12	50-57-9412	70066-0186	(27.94)/1.100	(30.45)/1.199
13	50-57-9413	70066-0187	(30.48)/1.200	(32.99)/1.299
14	50-57-9414	70066-0188	(33.02)/1.300	(35.53)/1.399
15	50-57-9415	70066-0189	(35.56)/1.400	(38.07)/1.499
16	50-57-9416	70066-0190	(38.10)/1.500	(40.61)/1.599
17	50-57-9417	70066-0191	(40.64)/1.600	(43.15)/1.699
18	50-57-9418	70066-0192	(43.18)/1.700	(45.69)/1.799
19	50-57-9419	70066-0193	(45.72)/1.800	(48.23)/1.899
20	50-57-9420	70066-0194	(48.26)/1.900	(50.77)/1.999
21	50-57-9421	70066-0195	(50.80)/2.000	(53.31)/2.099
22	50-57-9422	70066-0196	(53.34)/2.100	(55.85)/2.199
23	50-57-9423	70066-0197	(55.88)/2.200	(58.39)/2.299
24	50-57-9424	70066-0198	(58.42)/2.300	(60.93)/2.399
25	50-57-9425	70066-0199	(60.96)/2.400	(63.47)/2.499

B (7.62)/.300
(3.05)/.120
(2.51)/.099 MAX.
(1.02)/.040 TYP.
(0.76)/.030 TYP.
(1.27)/.050 TYP.
A

CIRCUIT NO. 1 IDENTIFICATION
(3.81)/.150 TYP.
MX

(1.91)/.075
(15.24)/.600
(13.08)/.515

OPTIONAL CORE-OUTS (SEE NOTE 7)
C
C

SECTION C-C

OPTION "G"

(5.07)/.200   2 CIRCUIT
(7.62)/.300   3 CIRCUIT

LATCH AND POLARIZATION RIB LOCATION

4 THROUGH 25 CIRCUIT HOUSINGS ARE AS SHOWN IN MAIN BODY OF DRAWING

		LTR.	REVISIONS	LTR.	REVISIONS
		I	ADD PKG NOTE PER UDT2000-0468 SCHAFER 99/12/1		
	ADD DIMENSIONS ECN UCP2004-0893 RWHITE 03/11/10	K		H	REVISED PER ECR * U40682 05/27/94 REED
	ADD TOLERANCES ECN UDT2002-0314 BBARKER 01/08/21	J		G	REVISED PER ECR * U10967 08/08/91 MJM/MGB

DIMENSIONS SHOWN (METRIC)/INCH
UNLESS OTHERWISE SPECIFIED
TOLERANCES ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	±.007	
2 PLACE	±	± 0.18
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY RS
CHK'D. BY WZ
APP'D. BY RL
SCALE 4 : 1

▽ = 0   ▼ = 0   REVISE ONLY ON CAD SYSTEM

TITLE
HOUSING, CONNECTOR
(2.54)/.100 GRID STACKABLE
SINGLE ROW

MOLEX INCORPORATED
LISLE, ILL.   60532   U.S.A.
SHEET NO. 1 OF 1
DATE 03/28/86

PART NO. SEE CHART
DRWG. NO. SD-70066-0176-0199

FILE NAME 70066016
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DIV. DA
SIZE C