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Part Number:

0559320630

Status:

Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 6 Circuits, without PCB Locator

Documents:

- 3D Model

Product Specification PS-51382-004 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	55932
Application	Wire-to-Board
Overview	microclasp
Product Name	MicroClasp™

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.126 In
PC Tail Length (mm)	3.20 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole

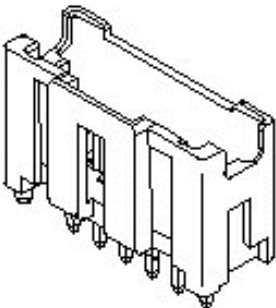
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55932-001
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Series

image - Reference only

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
55932Series

Mates With
51382 MicroClasp™ Wire-to-Board
Receptacle Housing

Product Specification

Sales Drawing

PS-51382-004, RPS-51382-006, RPS-51382-007,
RPS-51382-008, RPS-51382-009, RPS-51382-010,
RPS-51382-012, RPS-51382-013, RPS-51382-014
SD-55932-006, SD-55932-007

This document was generated on 05/25/2010

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F

D

V

C

B

DO NOT SCALE DRAWING

8

7

6

5

4

3

2

1

F

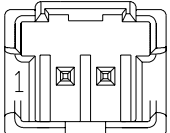
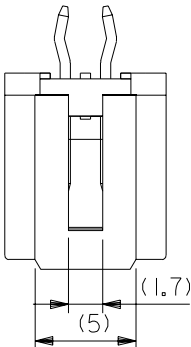
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D

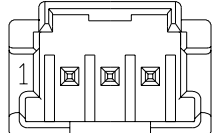
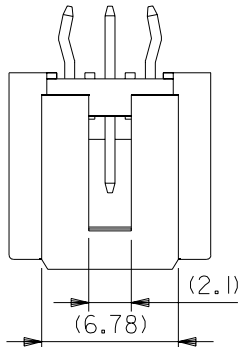
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B

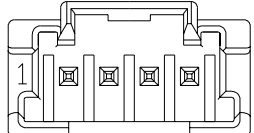
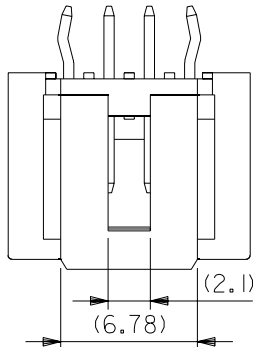
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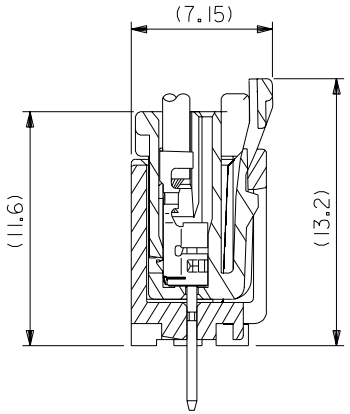
2 CIRCUIT



3 CIRCUIT



4 CIRCUIT



嵌合断面図

REV	DESCRIPTION	
	FINISH 仕上り	
WIRE RANGE 適用電線範囲		
INS. RANGE 被覆外径		

MATERIAL
材料

SEE SHEET 1 OF 2

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 30 UNDER 以上 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

MODEL NO. : 55932-****		DIMENSIONS:		SHT	REV
SCALE	DESIGN UNITS ☒ mm ☐ INCH	☒ mm ☐ INCH ☒ mm ONLY	OTHERWISE ON CAD ONLY		
DRAWN BY & DATE T.NIITSU 02/2/8		TITLE: 2.0 W/B SINGLE CONN. PLUG HOUSING ASS'Y ST -LEAD FREE-			
CHECKED BY & DATE K.ASAKAWA 03/6/12		MOLEX INCORPORATED			
APPROVED BY & DATE T.YAMAGUCHI 03/6/12					
CAD FILENAME SD-55932-006.S02		MATERIAL NO. 55932-****	DRAWING NO. SD-55932-006	SHEET NO. 2 of 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE B

8

7

6

5

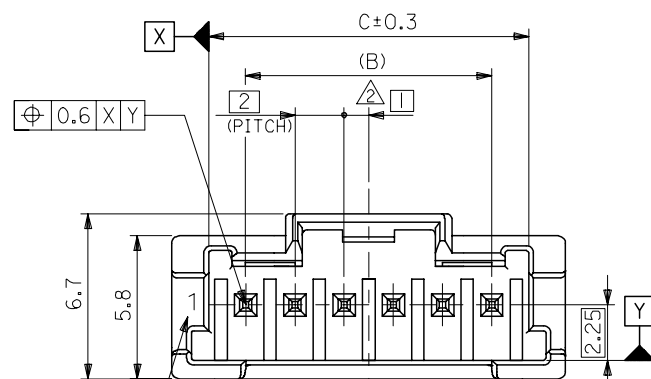
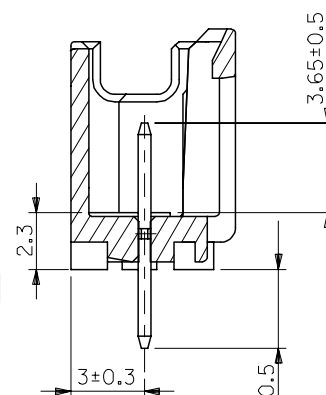
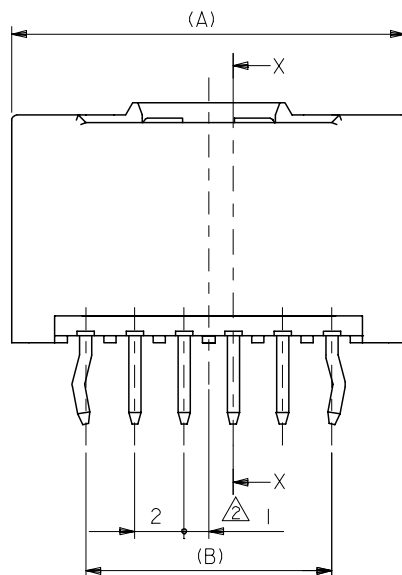
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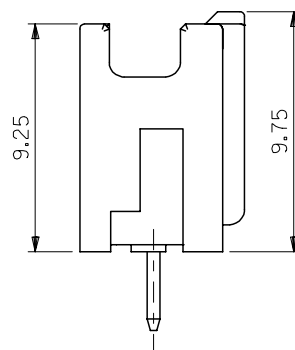
2

EN-02J(097) MXJ-54

10 9 8 7 6 5 4 3 2 1

回路番号 I
CKT. NO. I

SECT. X-X



NOTE

1. 嵌合相手: 51382-****

△ 偶数極 (列) に適用。

3. キングは両外側の位置に付加。

4. ピン: 黄銅、ニッケル下地錫メッキ
ハウジング: PBT△ 適合リテーナー: 500638 シリーズ
APPLICABLE RETAINER: 500638
SERIES.

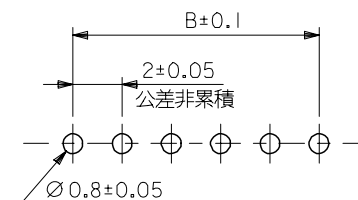
△ 製品番号 MATERIAL NO.

55932-****

極数 CIRCUIT SIZE

色 COLOR

30	自然色 (白) NATURAL (WHITE)
31	黒 BLACK
32	赤 RED
33	黄 YELLOW
34	青 BLUE
35	桃 PINK
36	緑 GREEN
37	茶 BROWN
38	橙 ORANGE
39	紫 VIOLET
51	灰 GRAY
53	蛍光黄 FLUORESCENT YELLOW
54	水 PALE BLUE
55	蛍光桃 FLUORESCENT PINK
56	黄緑 YELLOWISH GREEN
58	蛍光橙 FLUORESCENT ORANGE

推奨基板寸法
(t = 1.6)

31	28	34	55932-15**	I5
29	26	32	55932-14**	I4
27	24	30	55932-13**	I3
25	22	28	55932-12**	I2
23	20	26	55932-11**	I1
21	18	24	55932-10**	I0
19	16	22	55932-09**	9
17	14	20	55932-08**	8
15	12	18	55932-07**	7
13	10	16	55932-06**	6
11	8	14	55932-05**	5
9	6	12	55932-04**	4
7	4	10	55932-03**	3
5	2	8	55932-02**	2
C	B	A	△ MATERIAL NO.	CKT.

MODEL NO.: 55932-****

DIMENSION STYLE
MM ONLYSCALE
---DESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONRELEASED
EC NO: J2006-1522
DRWN: MAEDA
CHKD: NUKITA
APPR: NUKITA
REV 0DESCRIPTION
2005/11/08
2005/11/08
2005/11/09GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER ±0.2

10 OVER 30 UNDER ±0.25

30 OVER ±0.3

ANGULAR ±3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDRAWN BY
YMAEDA
DATE
2005/06/13CHECKED BY
MTANAKA
DATE
2005/06/13APPROVED BY
NUKITA
DATE
2005/06/13

MATERIAL NO.

SEE CHART

SIZE
A3

TITLE

2.0 W/B CONN.PLUG
HOUSING ASS'Y WO BOSS
-LEAD FREE-

MOLEX

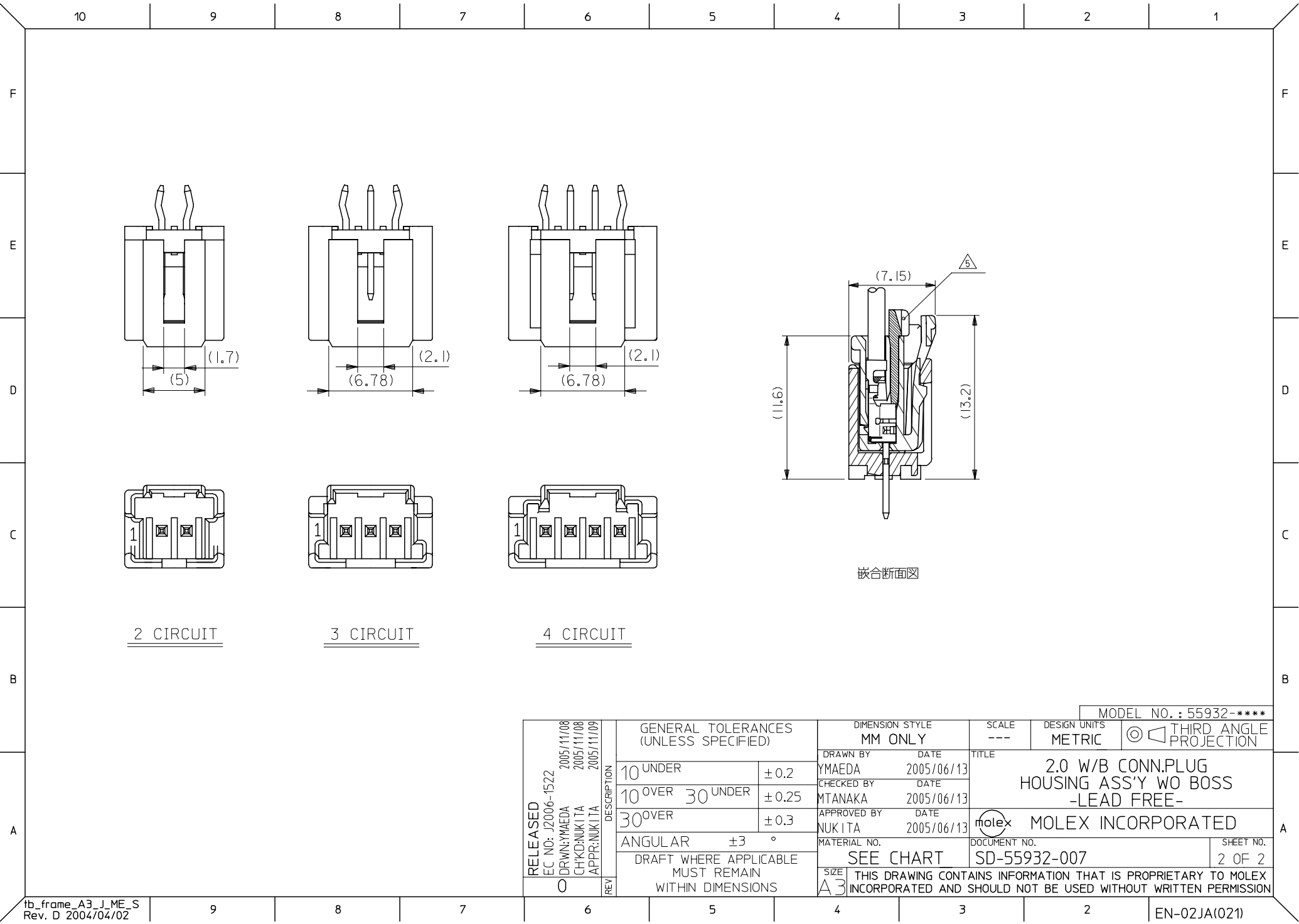
MOLEX INCORPORATED

DOCUMENT NO.

SD-55932-007

SHEET NO.

1 OF 2



2 CIRCUIT

3 CIRCUIT

4 CIRCUIT

嵌合断面图

MODEL NO.: 55932-****

RELEASED EC NO: J2006-1522 DRWN:YMAEDA 2005/11/08 CHKD:NUKITA 2005/11/08 APPR:NUKITA 2005/11/09 O	DESCRIPTION REV 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	YMAEDA	2005/06/13	TITLE 2.0 W/B CONN.PLUG HOUSING ASS'Y WO BOSS -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY MTANAKA	2005/06/13					
		30 OVER	± 0.3	APPROVED BY NUKITA	2005/06/13	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55932-007		2 OF 2		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				