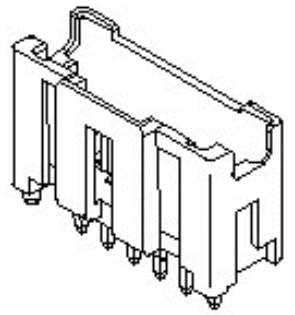
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This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0559320330
Status: Active
Overview: microclasp
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 3 Circuits, without PCB Locator

Documents:
3D Model
Drawing (PDF)
Product Specification PS-51382-004 (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

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

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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.

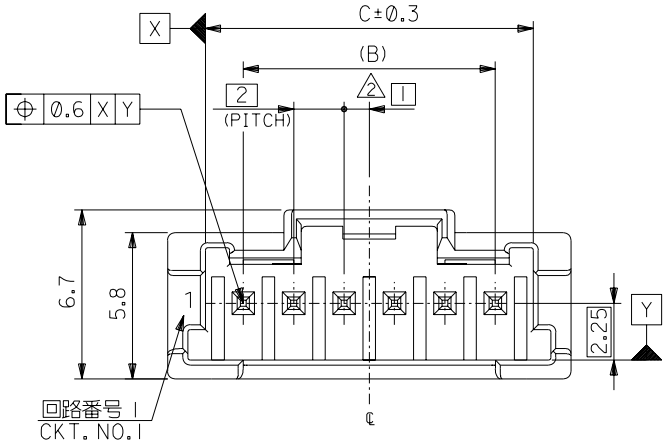
Search Parts in this Series
55932Series

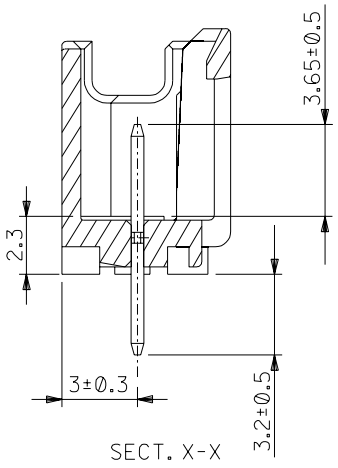
Mates With
51382 MicroClasp™ Wire-to-Board Receptacle Housing

Product Specification	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
Sales Drawing	SD-55932-006, SD-55932-007

This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





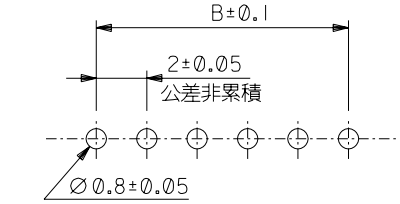
NOTE

1. 嵌合相手：51382−＊＊＊＊
2. 偶数極（列）に適用。
3. キンクは両外側の位置に付加。
4. 製品番号 MATERIAL NO.

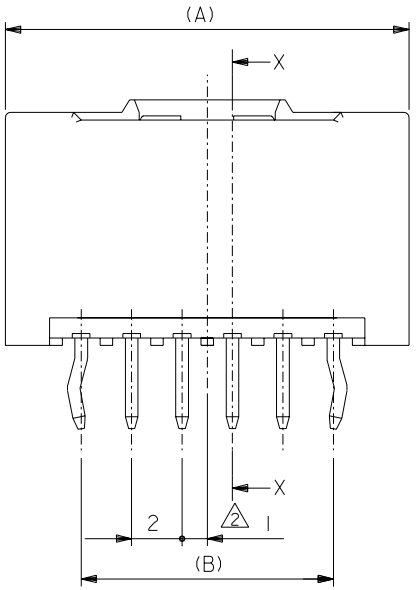
55932−＊＊＊＊

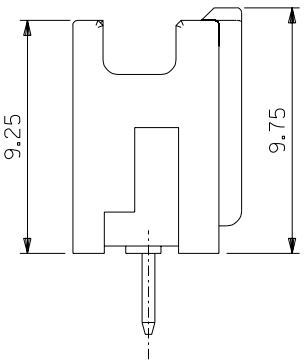
極数 CIRCUIT SIZE　色 COLOR

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**	15
29	26	32	55932-14**	14
27	24	30	55932-13**	13
25	22	28	55932-12**	12
23	20	26	55932-11**	11
21	18	24	55932-10**	10
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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	4 MATERIAL NO.	CKT.

DWG. NO. SD-55932-006

DO NOT SCALE DRAWING

改84NO.				
DRWN:				
CH'K:				
APPR:				
改83NO.				
DRWN:				
CH'K:				
APPR:				
改82NO.	J2004-4514	'04/05/31	G	
DRWN:	M.ERIGUCH			
CH'K:	K.ASAKAWA			
APPR:	S.ICHIKAWA			
改81NO.	J2003-3127	'03/06/12	F	
DRWN:	N.ITO			
CH'K:	K.ASAKAWA			
APPR:	T.YAMAGUCHI			
改80NO.	J2003-2421	'03/04/04	E	
DRWN:	N.ITO			
CH'K:	K.ASAKAWA			
APPR:	T.YAMAGUCHI			
REV	DESCRIPTION			

MATERIAL 材料 ピン：黄銅、ニッケル下地錫メッキ
ハウジング：PBT

FINISH 仕上げ

WIRE RANGE 適用電線範囲

INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE

DESIGN UNITS ☒mm ☐INCH

THIRD ANGLE PROJECTION

DRAWN BY & DATE T.NIITSU '02/2/8

CHECKED BY & DATE K.ASAKAWA '03/6/12

APPROVED BY & DATE T.YAMAGUCHI '03/6/12

CAD FILENAME SD-55932-006.S01

MODEL NO.: 55932-＊＊＊＊

DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY

SHT REV

REVISE ON CAD ONLY

TITLE: 2.0 W/B SINGLE CONN. PLUG HOUING ASS'Y ST -LEAD FREE-

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MATERIAL NO. 55932-＊＊＊＊

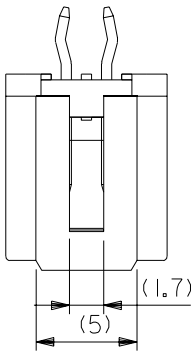
DRAWING NO. SD-55932-006

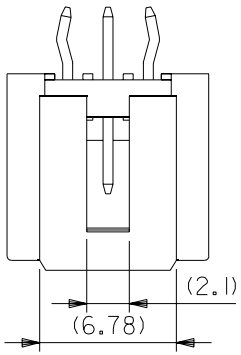
SHEET NO. 1 of 2

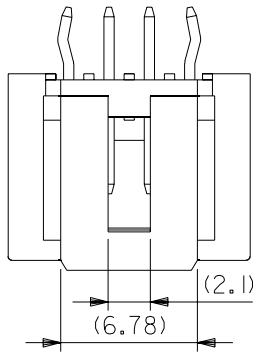
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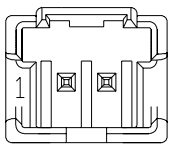
SIZE B

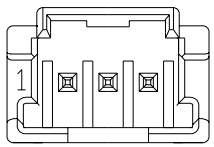
DWG. NO. SD-55932-006

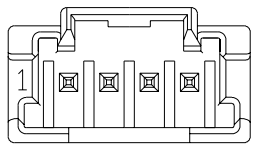








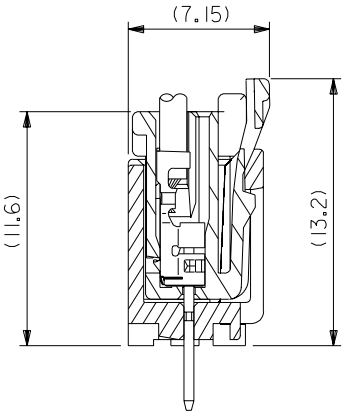




2 CIRCUIT

3 CIRCUIT

4 CIRCUIT



嵌合断面図

REV	DESCRIPTION	DATE	BY
C	品番NO. J2004-4514	'04/05/31	M.ERIGUCHI
F	品番NO. J2003-3127	'03/06/12	N.ITO
E	品番NO. J2003-2421	'03/04/04	N.ITO

DO NOT SCALE DRAWING

MATERIAL 材料: SEE SHEET 1 OF 2

FINISH 仕上げ:

WIRE RANGE 適用電線範囲:

INS. RANGE 被覆外径:

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE: 2/1

DESIGN UNITS: ☒mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY

SHT 2 REV C

REVISE ON CAD ONLY

MODEL NO.: 55932-****

DRAWN BY & DATE: T.NIITSU '02/2/8

CHECKED BY & DATE: K.ASAKAWA '03/6/12

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

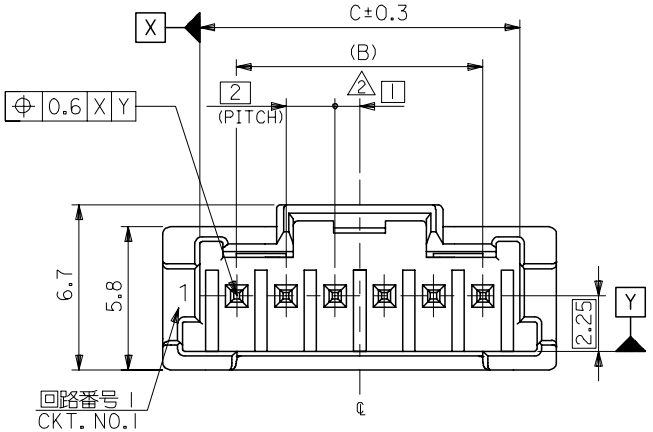
TITLE: 2.0 W/B SINGLE CONN. PLUG HOUING ASS'Y ST -LEAD FREE-

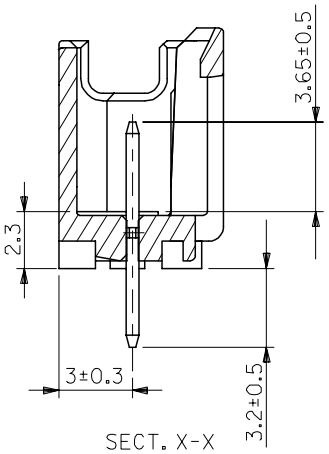
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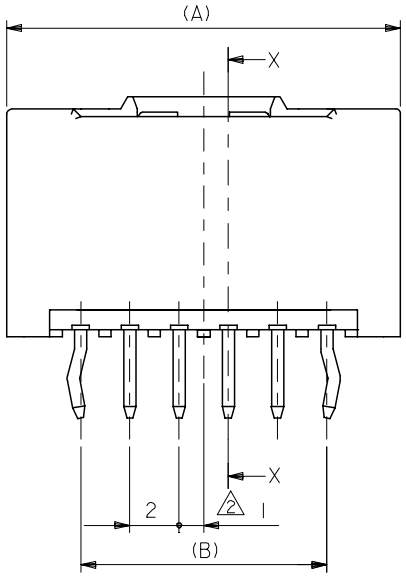
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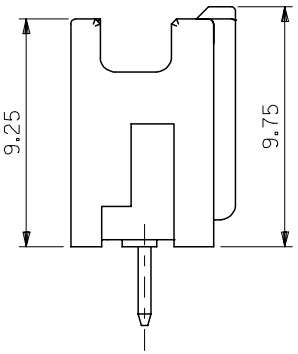
SIZE B

EN-02J(097) MXJ-54







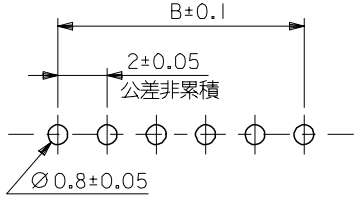


NOTE

1. 嵌合相手：51382−＊＊＊＊
2. 偶数極（列）に適用。
3. キンク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
5. 適合リテーナー ： 500638 シリーズ
   APPLICABLE RETAINER : 500638 SERIES.
6. 製品番号 MATERIAL NO.

55932−＊＊＊＊

極数 CIRCUIT SIZE　色 COLOR



推奨基板寸法
（t＝ 1.6 ）

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
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31	28	34	55932-15**	15
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23	20	26	55932-11**	11
21	18	24	55932-10**	10
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17	14	20	55932-08**	8
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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	6 MATERIAL NO.	CKT.

MODEL NO. : 55932-＊＊＊＊

RELEASED
EC NO: J2006-1522 2005/11/08
DRWN:YMAEDA 2005/11/08
CHKD:NUKITA 2005/11/09
APPR:NUKITA 2005/11/09
DESCRIPTION
REV 0

GENERAL 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 DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: YMAEDA DATE: 2005/06/13
CHECKED BY: MTANAKA DATE: 2005/06/13
APPROVED BY: NUKITA DATE: 2005/06/13
MATERIAL NO.: SEE CHART

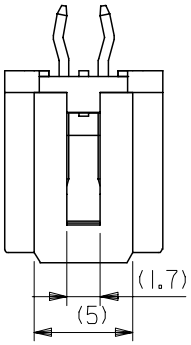
TITLE: 2.0 W/B CONN.PLUG HOUSING ASS'Y WO BOSS -LEAD FREE-

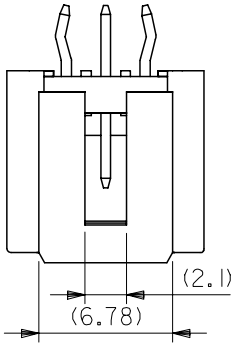
MOLEX INCORPORATED

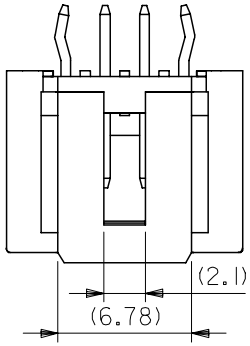
DOCUMENT NO.: SD-55932-007
SHEET NO.: 1 OF 2

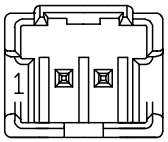
SIZE A3

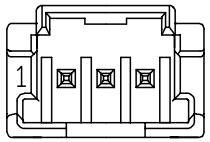
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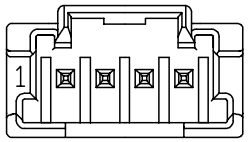








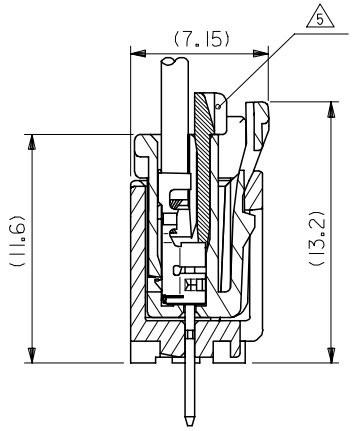




2 CIRCUIT

3 CIRCUIT

4 CIRCUIT



嵌合断面図

MODEL NO. : 55932-****

RELEASED			
EC NO: J2006-1522			
DRWN:YMAEDA	2005/11/08		
CHKD:NUKITA	2005/11/08		
APPR:NUKITA	2005/11/09		
DESCRIPTION			
REV			
0			

GENERAL 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 DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: YMAEDA	DATE: 2005/06/13	TITLE: 2.0 W/B CONN.PLUG HOUSING ASS'Y WO BOSS -LEAD FREE-	
CHECKED BY: MTANAKA	DATE: 2005/06/13		
APPROVED BY: NUKITA	DATE: 2005/06/13	MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-55932-007	SHEET NO.: 2 OF 2
SIZE: A3			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION