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Part Number: [0559320930](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 9 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) 9
Circuits (maximum) 9
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

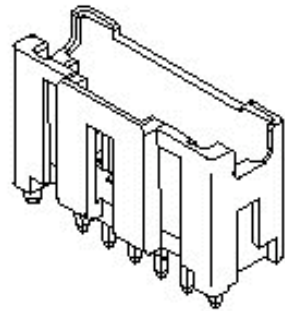
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-55932-001



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free
Status**

China RoHS



Not Reviewed

**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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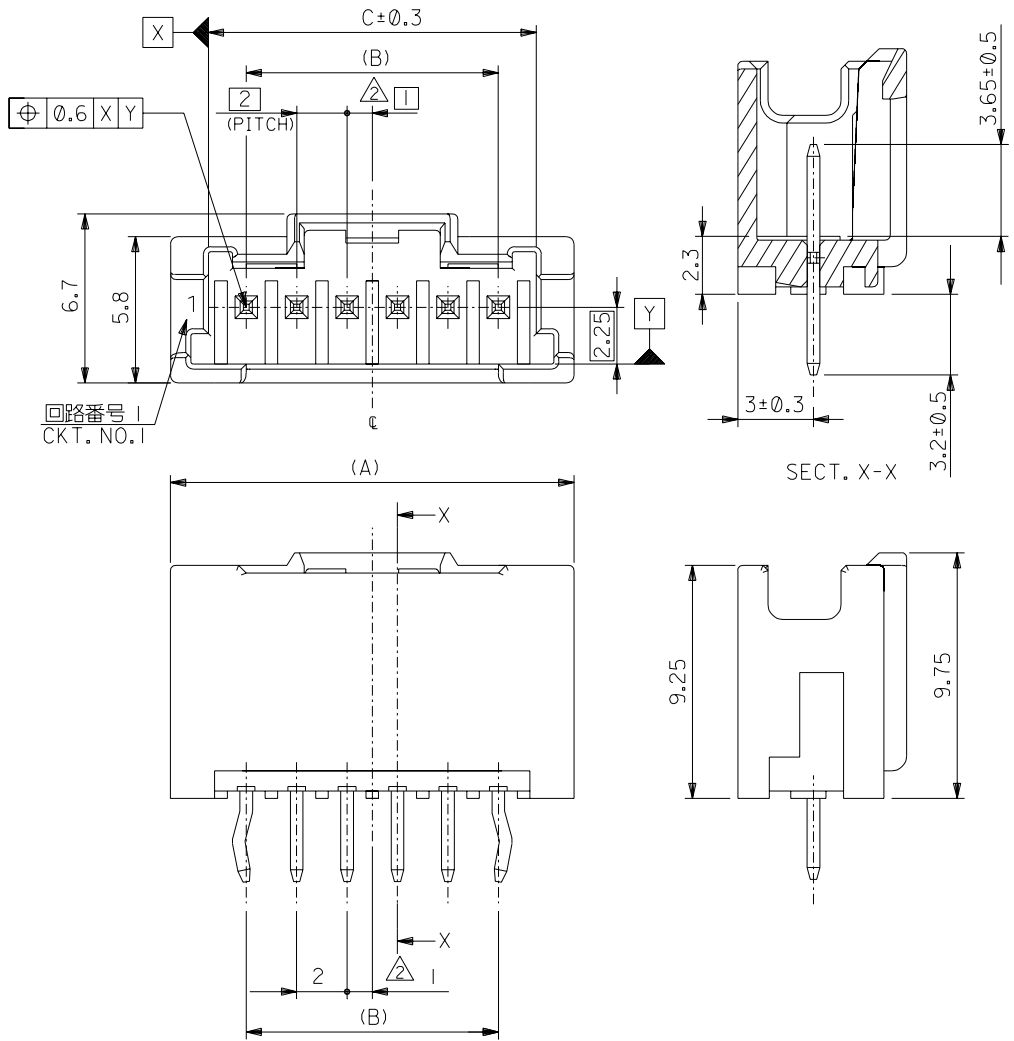
E

D

C

B

A



NOTE

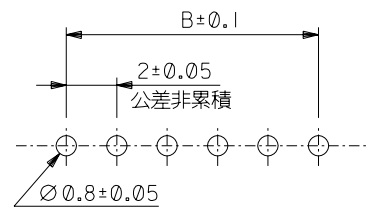
- 1. 嵌合相手: 51382-****
- 2. 偶数極 (列) に適用。
- 3. キンフは両外側の位置に付加。
- 4. 製品番号 MATERIAL NO.

55932-****

極数 CIRCUIT SIZE

色 COLOR

30	自然色 (白)
31	黒
32	赤
33	黄
34	青
35	桃
36	緑
37	茶
38	橙
39	紫
51	灰
53	蛍光黄
54	水
55	蛍光桃
56	黄緑
58	蛍光橙



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
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	4 MATERIAL NO.	CKT.

DESIGN NO. J2004-4514 DRWN: M.ERIGUCHI CHK: K.ASAKAWA APPR: S.ICHIKAWA			DESIGN NO. J2003-3127 DRWN: N.IITO CHK: K.ASAKAWA APPR: T.YAMAGUCHI			DESIGN NO. J2003-2421 DRWN: N.IITO CHK: K.ASAKAWA APPR: T.YAMAGUCHI			MATERIAL 材料 ピン:黄銅、ニッケル下地錫メッキ ハウジング:PBT			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE ☒ mm ☐ INCH			DESIGN UNITS ☒ mm ☐ INCH			PROJECTION ☒ mm ☐ INCH			TITLE: 2.0 W/B SINGLE CONN. PLUG HOUSING ASS'Y ST -LEAD FREE-			SHEET NO. 1 of 2														
REVISED '04/05/31			REVISED '03/06/12			REVISED '03/04/04			FINISH 中付			10 UNDER 未満			±0.2			DRAWN BY & DATE T.NIITSU '02/2/8			CHECKED BY & DATE K.ASAKAWA '03/6/12			APPROVED BY & DATE T.YAMAGUCHI '03/6/12			MOLEX INCORPORATED			CAD FILENAME SD-55932-006.S01			MATERIAL NO. 55932-****			DRAWING NO. SD-55932-006			SHEET NO. 1 of 2		
REVISED '04/05/31			REVISED '03/06/12			REVISED '03/04/04			WIRE RANGE 適用電線範囲			ANGLE 角度			±3°			DRAWING NO. 2005			DRAWING NO. 2005			DRAWING NO. 2005			DRAWING NO. 2005			DRAWING NO. 2005			DRAWING NO. 2005			DRAWING NO. 2005					

F

D

V

C

B

DO NOT SCALE DRAWING

8

7

6

5

4

3

2

1

F

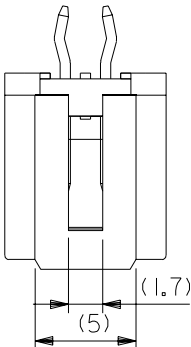
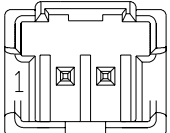
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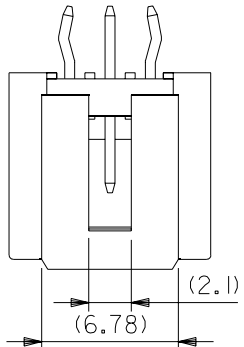
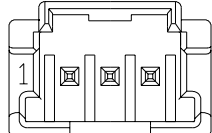
C

B

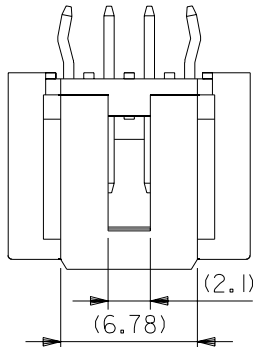
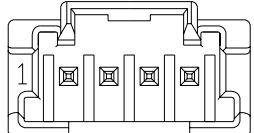
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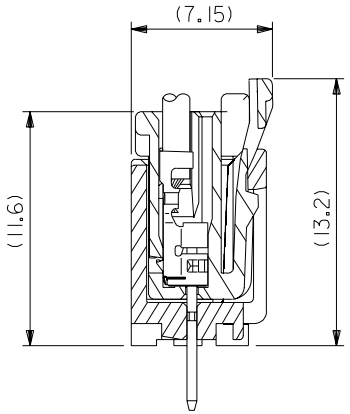
2 CIRCUIT



3 CIRCUIT



4 CIRCUIT



嵌合断面図

MATERIAL 材料		SEE SHEET 1 OF 2	
FINISH 仕上り			
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 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	2.0 W/B SINGLE CONN. PLUG HOUSING ASS'Y ST -LEAD FREE-		
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		MOLEX INCORPORATED			
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

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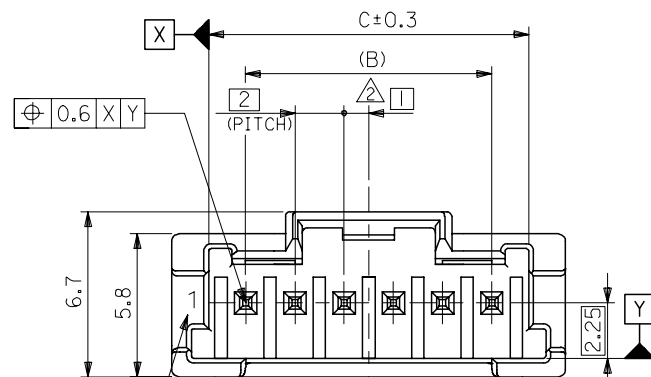
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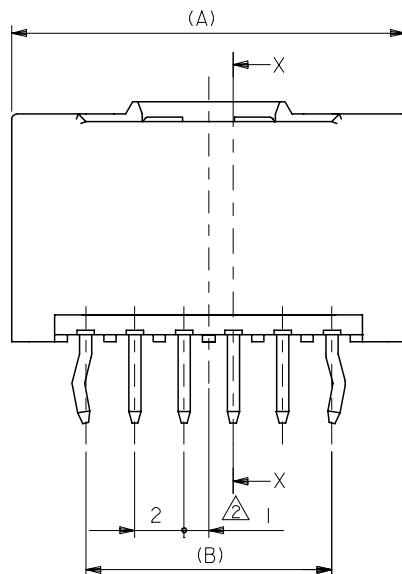
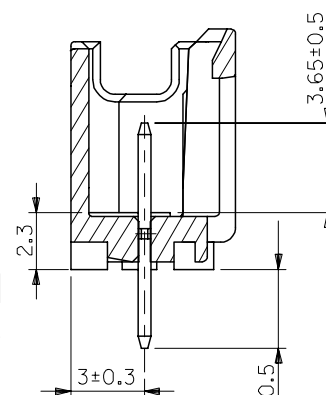
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2

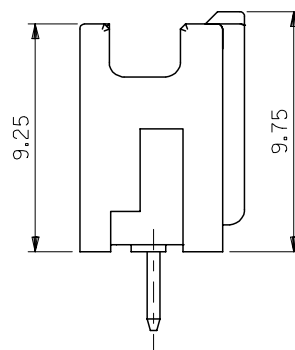
10 9 8 7 6 5 4 3 2 1



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.

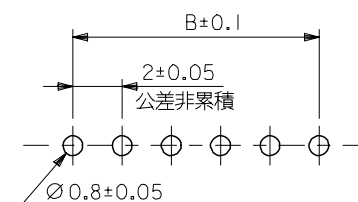
△ 製品番号 MATERIAL NO.

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
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5	2	8	55932-02**	2
C	B	A	△ MATERIAL NO.	CKT.

MODEL NO.: 55932-****

DIMENSION STYLE
MM ONLY

SCALE

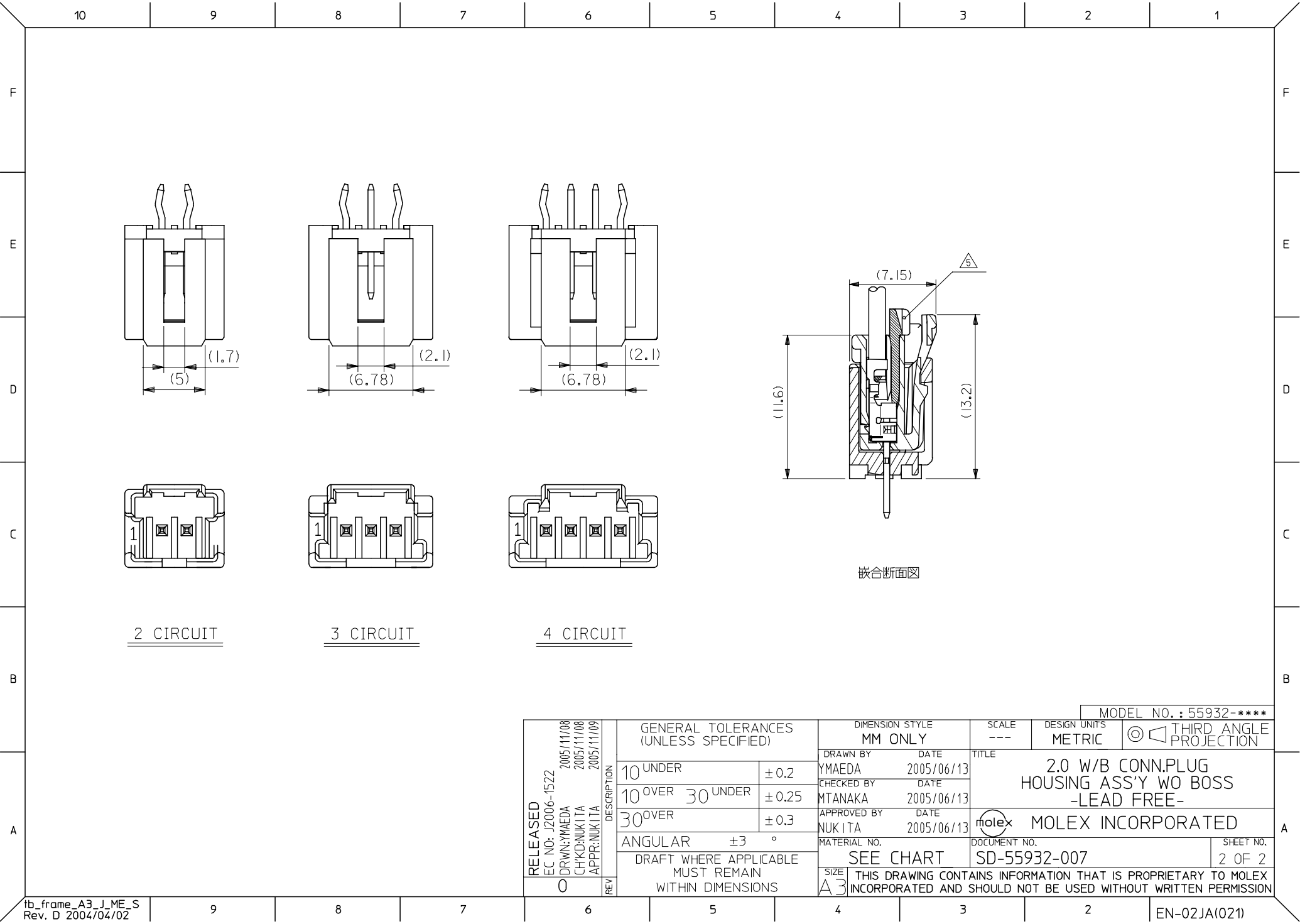
DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

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	
0	REV

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	
SIZE A3	

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
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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 CHKD:NUKI TA APPR:NUKI TA O	2005/11/08 2005/11/08 2005/11/09	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER	±0.2	DRAWN BY YMAEDA	DATE 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	DATE 2005/06/13					
			30 OVER	±0.3	APPROVED BY NUKI TA	DATE 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						