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Part Number: [0559320530](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 5 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)	5
Circuits (maximum)	5
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

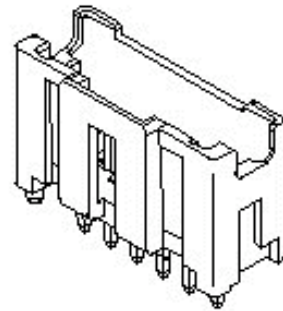
Electrical

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

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

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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DWG. NO. SD-55932-006

F

D

V

C

B

DO NOT SCALE DRAWING

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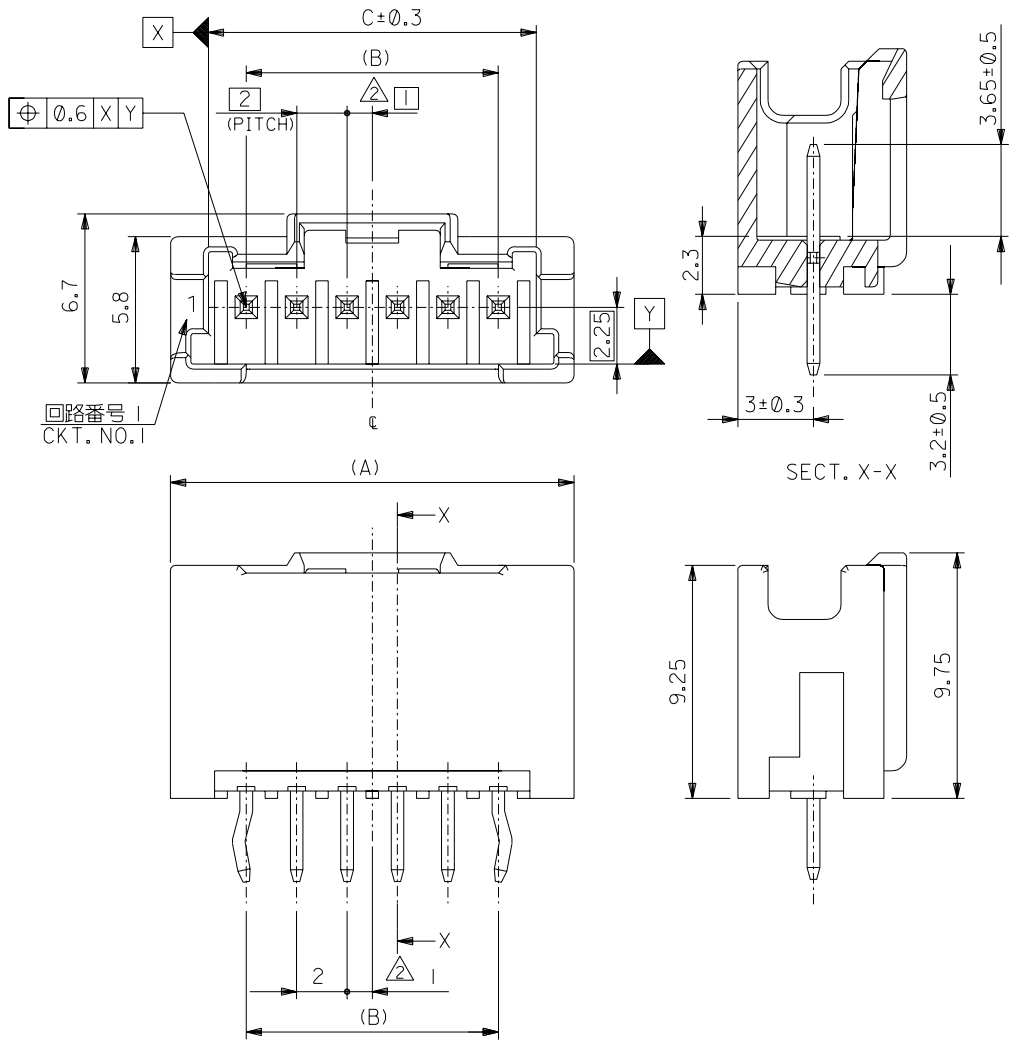
E

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.

184NO. DRWN: CH'K: APPR:		183NO. DRWN: CH'K: APPR:		REVISED '04/05/31 182NO. J2004-4514 DRWN: M.ERIGUCH CH'K: K.ASAKAWA APPR: S.ICHIKAWA		REVISED '03/06/12 181NO. J2003-3127 DRWN: N.IITO CH'K: K.ASAKAWA APPR: T.YAMAGUCHI		REVISED '03/04/04 180NO. J2003-2421 DRWN: N.IITO CH'K: K.ASAKAWA APPR: T.YAMAGUCHI		DESCRIPTION		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 DESIGN UNITS ☒ mm ☐ INCH		MODEL NO.: 55932-**** 200RD ANGLE PROJECTION		☐ mm ☐ INCH ☒ mm ONLY		SHT REV					
				G		F		E		REV				10 UNDER 未満		±0.2		DRAWN BY & DATE T.NIITSU '02/2/8		TITLE: 2.0 W/B SINGLE CONN. PLUG HOUSING ASS'Y ST -LEAD FREE-							
												FINISH 仕上り		10 OVER 30 UNDER 以上 未満		±0.25		CHECKED BY & DATE K.ASAKAWA '03/6/12									
														30 OVER 以上		±0.3		APPROVED BY & DATE T.YAMAGUCHI '03/6/12									
														WIRE RANGE 適用電線範囲		ANGLE 角度		±3°		CAD FILENAME SD-55932-006.S01		MATERIAL NO. 55932-****		DRAWING NO. SD-55932-006		SHEET NO. 1 of 2	
																				MOLEX INCORPORATED							
																				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B					

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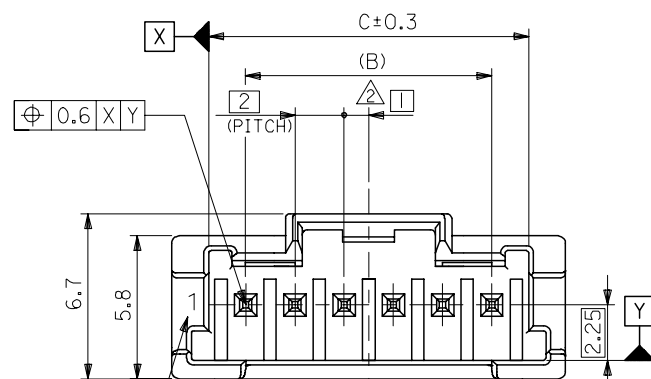
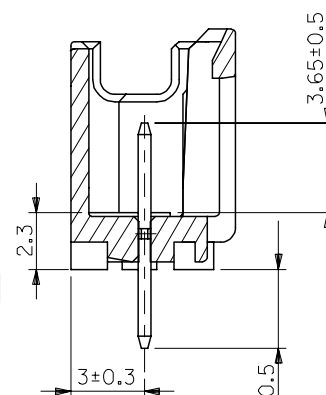
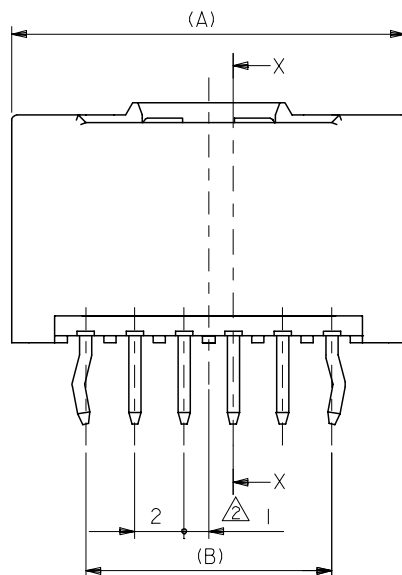
EN-02J(097) MXJ-54



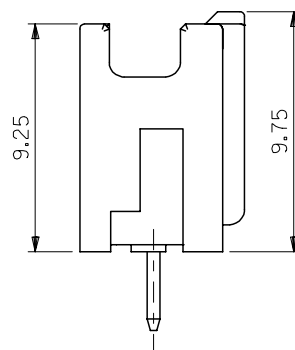
4 CIRCUIT

②③4NO. DRWN: CH'K: APPR:		②③3NO. DRWN: CH'K: APPR:		REVISED '04/05/31 ②③2NO. J2004-4514 DRWN: M.FERIGUCHI CH'K: K.ASAKAWA APPR: S.ICHIKAWA	REVISED '03/06/12 ②③1NO. J2003-3127 DRWN: N.IITO CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED '03/04/04 ②③0NO. J2003-2421 DRWN: N.IITO CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	DESCRIPTION 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°	SCALE DESIGN UNITS ☒mm ☐INCH 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: ☐mm ☐INCH ☒mm ONLY SHT REV 2 OF 2 B	2ND ANGLE PROJECTION TITLE: 2.0 W/B SINGLE CONN. PLUG HOUSING ASS'Y ST -LEAD FREE- MOLEX INCORPORATED CAD FILENAME SD-55932-006.S02 MATERIAL NO. 55932-**** DRAWING NO. SD-55932-006 SHEET NO. 2 of 2	
				G	F	E	REV	INS. RANGE 被覆外径	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B

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.

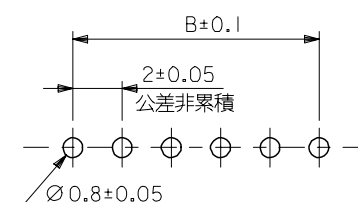
△ 製品番号 MATERIAL NO.

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)

MODEL NO.: 55932-****

DIMENSION STYLE
MM ONLYSCALE
---DESIGN UNITS
METRICTHIRD ANGLE
PROJECTION

RELEASED
EC NO: J2006-4522
DRWN: MAEDA
CHKD: NUKITA
APPR: NUKITA
REV 0

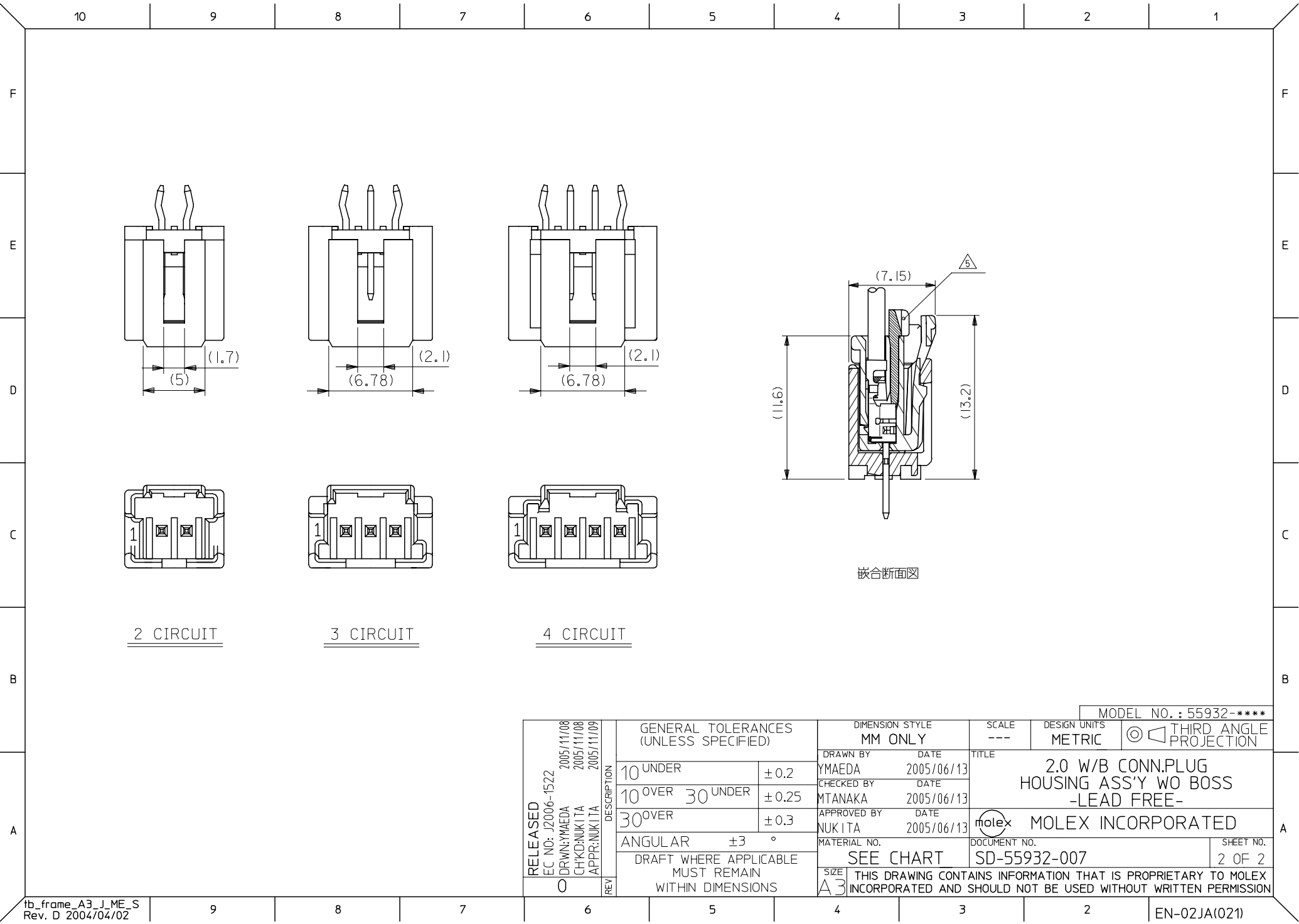
GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DRAWN BY
YMAEDA
CHECKED BY
MTANAKA
APPROVED BY
NUKITA
MATERIAL NO.
SIZE
A3

DATE
2005/06/13
DATE
2005/06/13
DATE
2005/06/13
DATE
2005/06/13

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



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	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 NUKITA	DATE 2005/06/13	MOLEX 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					