

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0559320230

Status:

Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 2 Circuits, without PCB Locator

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51382-004 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

55932

Wire-to-Board

microclasp

MicroClasp™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

2

2

Natural

30

No

No

No

None

Yes

Tin

Tin

Polyester

1

Vertical

0.126 In

3.20 mm

No

Yes

0.062 In

1.60 mm

Tray

0.079 In

2.00 mm

Fully

No

No

-25°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

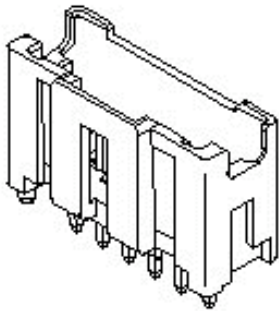
250V

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

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

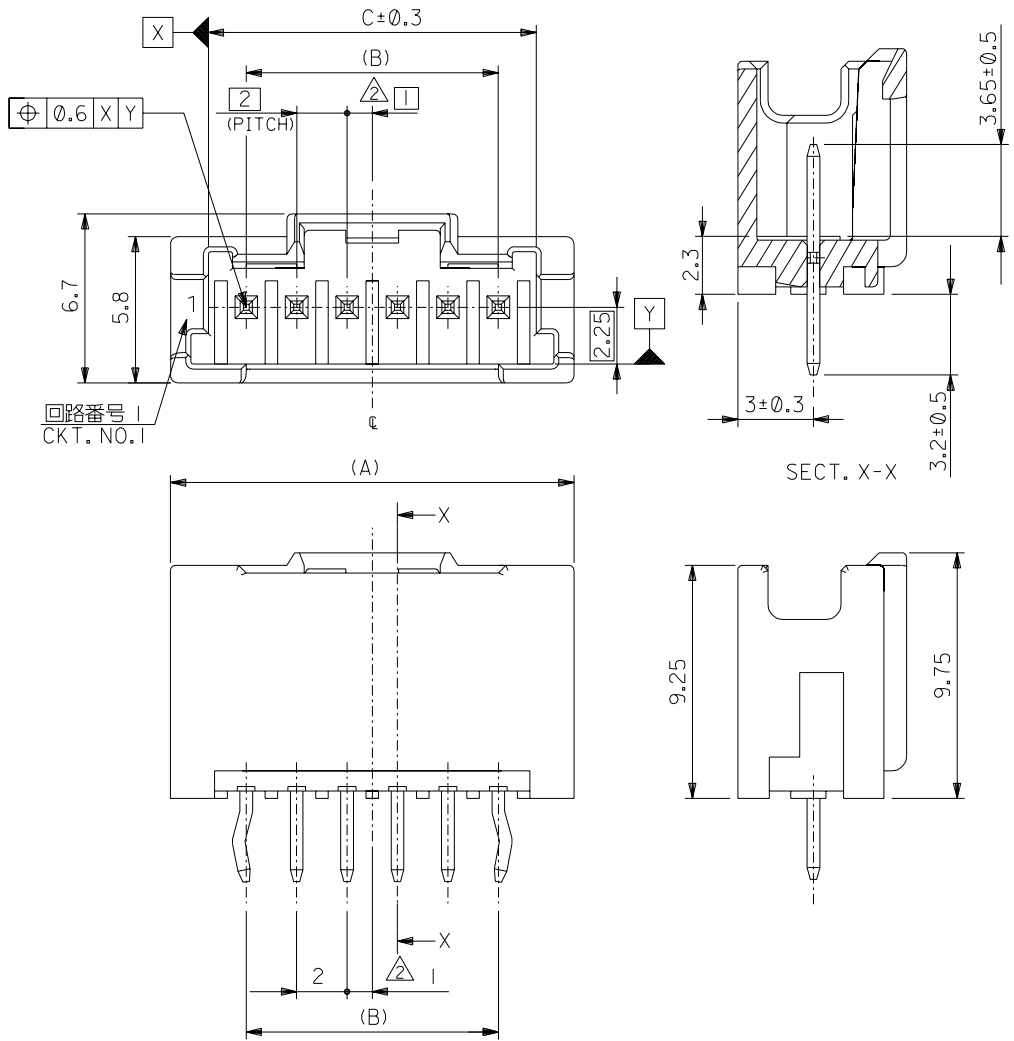
Product Specification

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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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) 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
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.

164NO. DRWN: CH'K: APPR:	163NO. DRWN: CH'K: APPR:	REVISED '04/05/31 162NO. J2004-4514 DRWN: M.ERIGUCH CH'K: K.ASAKAWA APPR: S.ICHIKAWA	REVISED '03/06/12 161NO. J2003-3127 DRWN: N.IITO CH'K: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED '03/04/04 160NO. 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-****	DIMENSIONS: mm INCH	SHT REV
					FINISH 仕上り	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-		
					WIRE RANGE 適用配線範囲	10 OVER 以上 30 UNDER 未満 ±0.25	CHECKED BY & DATE K.ASAKAWA '03/6/12			
					INS. RANGE 被覆外径	30 OVER 以上 ±0.3	APPROVED BY & DATE T.YAMAGUCHI '03/6/12			
						ANGLE 角度 ±3°	CAD FILENAME SD-55932-006.S01	MATERIAL NO. 55932-****	DRAWING NO. SD-55932-006	SHEET NO. 1 of 2
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B

DWG. NO.
SD-55932-006

F

D

V

C

B

DO NOT SCALE DRAWING

8

7

6

5

4

3

2

1

F

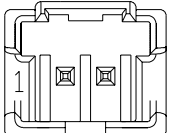
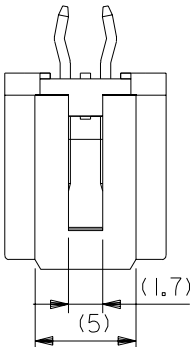
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D

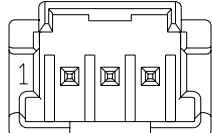
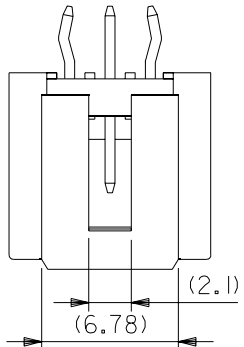
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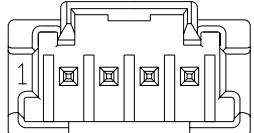
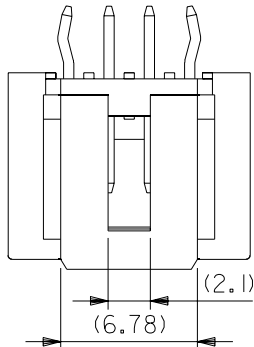
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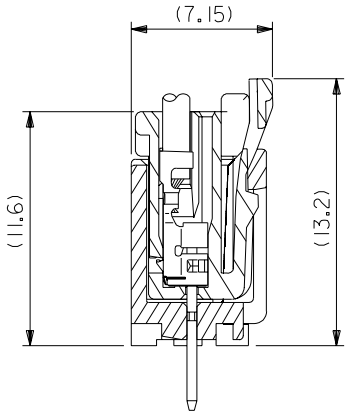
2 CIRCUIT



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	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm ONLY ☒	22 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

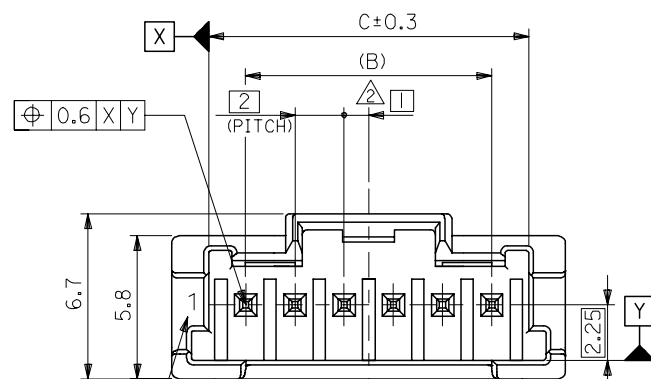
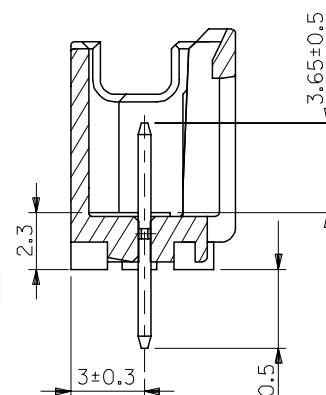
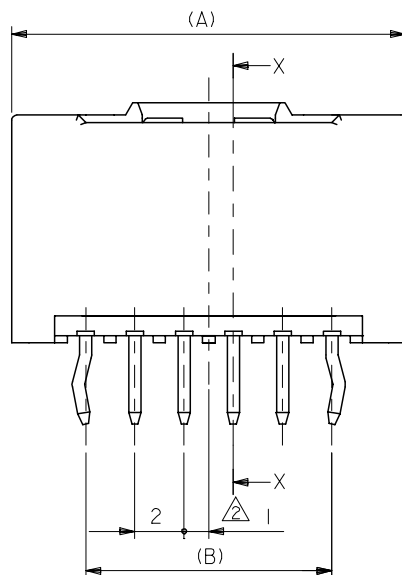
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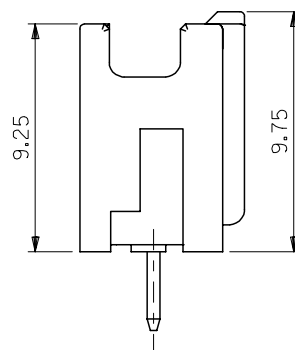
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EN-02J(097) MXJ-54

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.

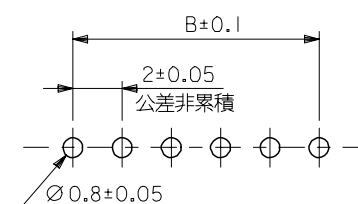
△ 製品番号 MATERIAL NO.

55932-****

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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
2005/11/08
2005/11/08
2005/11/09

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	

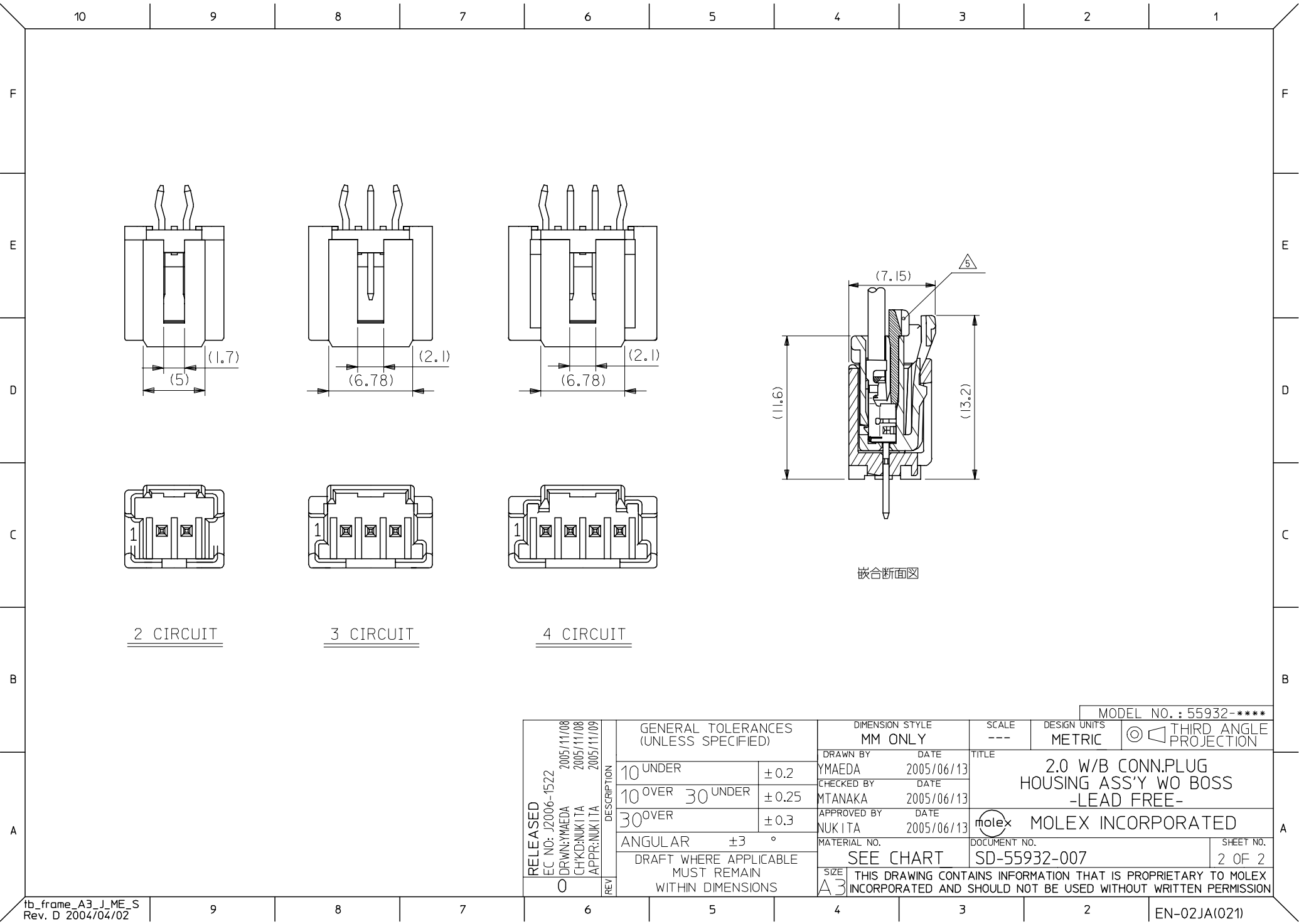
DRAWN BY
YMAEDA
CHECKED BY
MTANAKA
APPROVED BY
NUKITA
DATE
2005/06/13
DATE
2005/06/13
DATE
2005/06/13

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

MATERIAL NO.
SEE CHART

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 0	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					