

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0559320255

Status:

Active

Overview:

microclasp

Description:

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

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

Mated Height (in)

Mated Height (mm)

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)

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

2

2

Pink

30

No

No

No

None

Yes

0.520 In

13.20 mm

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

Yes

Fully

No

No

-25°C to +85°C

Through Hole

Electrical

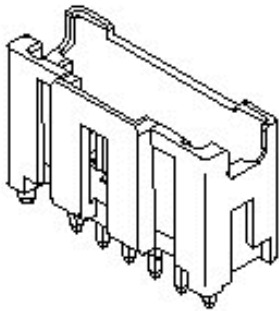
Current - Maximum per Contact

Voltage - Maximum

3A

250V

Material Info



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

Reference - Drawing Numbers

Packaging Specification
Product Specification

SPK-55932-001
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

Sales Drawing

This document was generated on 05/25/2010

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DWG. NO. SD-55932-006

F

D

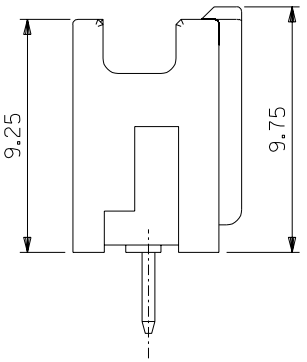
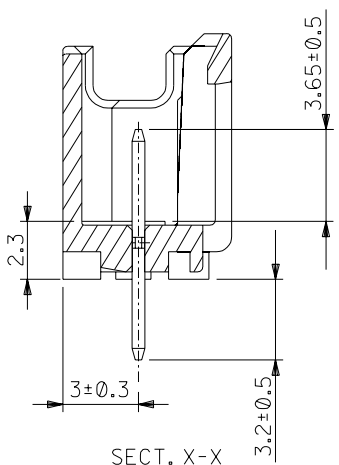
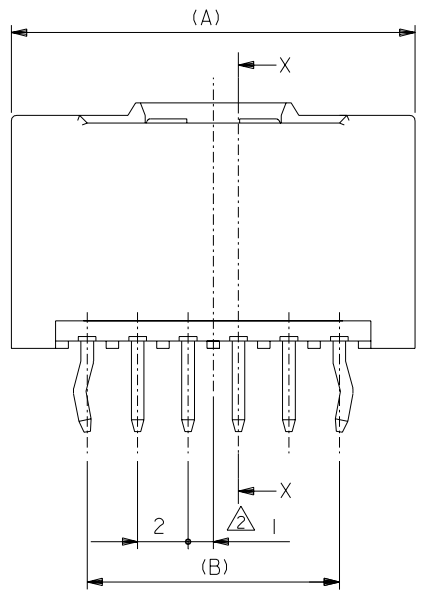
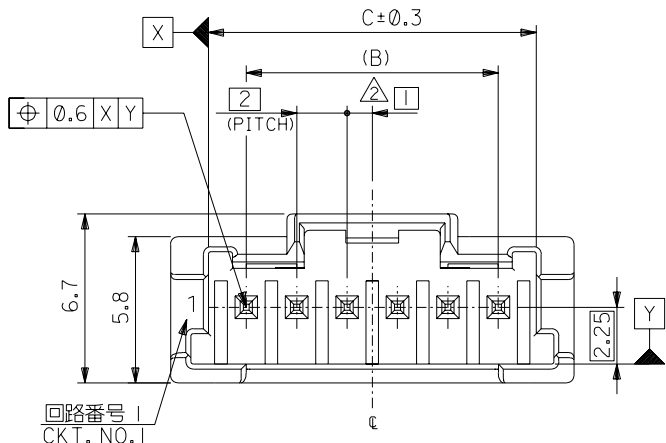
V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



NOTE

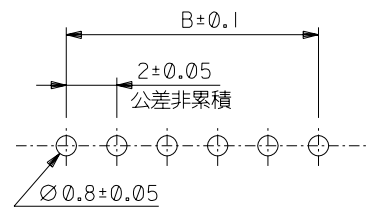
- 1. 嵌合相手: 51382-****
- 2. 偶数極 (列) に適用。
- 3. キンフは両外側の位置に付加。
- 4. 製品番号 MATERIAL NO.

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
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7	4	10	55932-03**	3
5	2	8	55932-02**	2
C	B	A	4 MATERIAL NO.	CKT.

DRAWING NO. SD-55932-006		REVISED '04/05/31		REVISED '03/06/12		REVISED '03/04/04		MATERIAL		GENERAL TOLERANCES:		SCALE		MODEL NO.: 55932-****		DIMENSIONS:		SHT		REV	
DRAWN: M.ERIGUCHI		DRAWN: N.IITO		DRAWN: N.IITO		DRAWN: N.IITO		材料		(UNLESS SPECIFIED)		mm		DESIGN UNITS		mm		mm		mm	
CHK: K.ASAKAWA		CHK: K.ASAKAWA		CHK: K.ASAKAWA		CHK: K.ASAKAWA		ビン: 黄銅、ニッケル下地錫メッキ		10 UNDER		±0.2		T.NIITSU		mm		mm		mm	
APPR: S.ICHIKAWA		APPR: T.YAMAGUCHI		APPR: T.YAMAGUCHI		APPR: T.YAMAGUCHI		ハウジング: PBT		10 OVER 30 UNDER		±0.25		CHECKED BY & DATE		mm		mm		mm	
G		F		E		D		FINISH		30 OVER		±0.3		K.ASAKAWA		mm		mm		mm	
C		B		A		0		WIRE RANGE		ANGLE		±3°		T.YAMAGUCHI		mm		mm		mm	
DO NOT SCALE DRAWING		DO NOT SCALE DRAWING		DO NOT SCALE DRAWING		DO NOT SCALE DRAWING		適用電線範囲		CAD FILENAME		SD-55932-006.S01		MATERIAL NO.		DRAWING NO.		SHEET NO.		1 of 2	
8		7		6		5		INS. RANGE		DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE		B		EN-02J(097) MXJ-54					

F

D

V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1

F

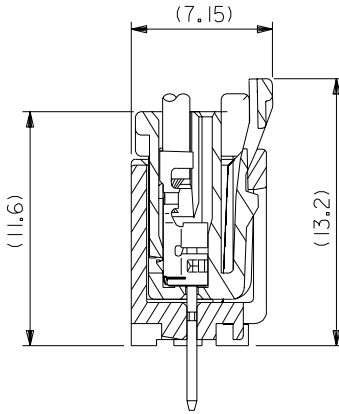
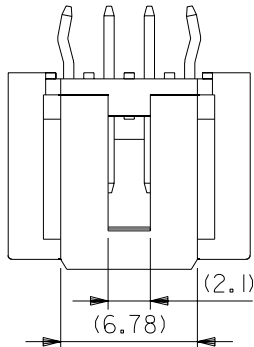
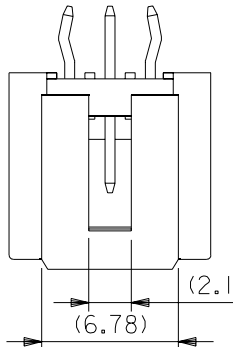
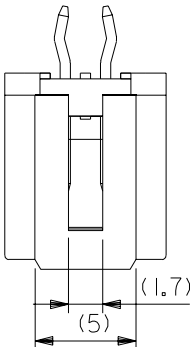
E

D

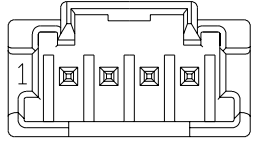
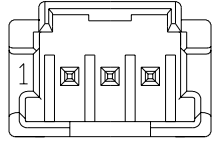
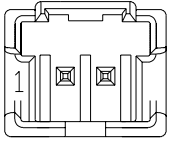
C

B

A



嵌合断面図



2 CIRCUIT

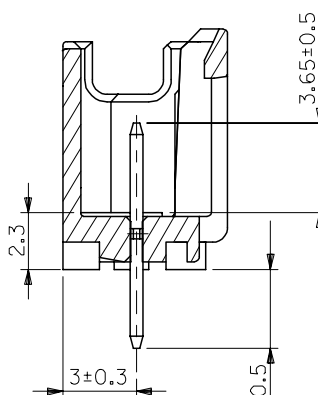
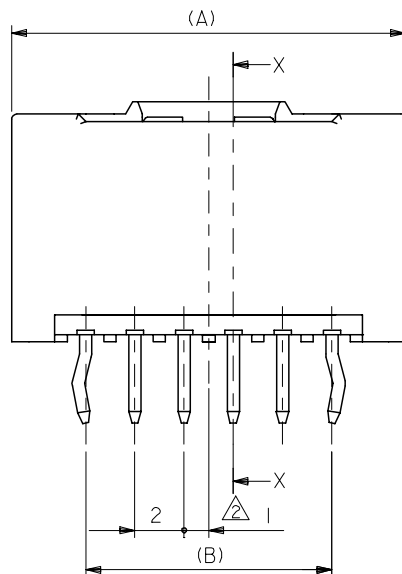
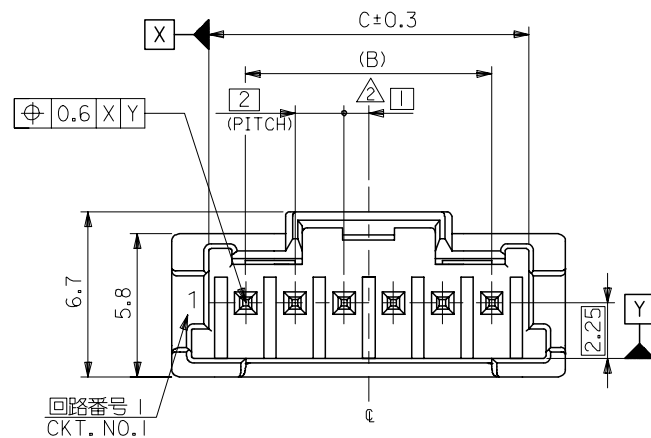
3 CIRCUIT

4 CIRCUIT

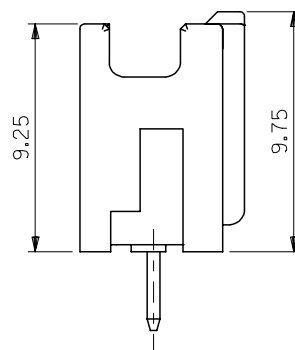
E64NO. DWG: CHK: APPR:	E63NO. DWG: CHK: APPR:	REVISED '04/05/31 J2004-4514 DWG: M.ERIGUCHI CHK: K.ASAKAWA APPR: S.ICHIKAWA	REVISED '03/06/12 J2003-3127 DWG: N.IITO CHK: K.ASAKAWA APPR: T.YAMAGUCHI	REVISED '03/04/04 J2003-2421 DWG: N.IITO CHK: K.ASAKAWA APPR: T.YAMAGUCHI	DESCRIPTION 材料 SEE SHEET 1 OF 2	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE	DESIGN UNITS ☒ mm ☐ INCH			2ND ANGLE PROJECTION	☐ mm INCH	☐ mm INCH	☒ mm ONLY	REVISION ON CAD ONLY
						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-						
						10 OVER 30 UNDER 以上 未満	±0.25	CHECKED BY & DATE K.ASAKAWA '03/6/12		MOLEX INCORPORATED						
						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.S02	MATERIAL NO. 55932-****		DRAWING NO. SD-55932-006		SHEET NO. 2 of 2			
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

8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1



SECT. X-X



NOTE

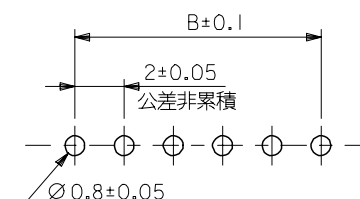
1. 嵌合相手: 51382-****
2. 偶数極 (列) に適用。
3. キングは両外側の位置に付加。
4. ピン: 黄銅、ニッケル下地錫メッキ
ハウジング: PBT
5. 適合リテーナー: 500638 シリーズ
APPLICABLE RETAINER: 500638 SERIES.
6. 製品番号 MATERIAL NO.

55932-****

極数 CIRCUIT SIZE

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C	B	A	△ MATERIAL NO.	CKT.

MODEL NO.: 55932-****

DIMENSION STYLE
MM ONLY

SCALE

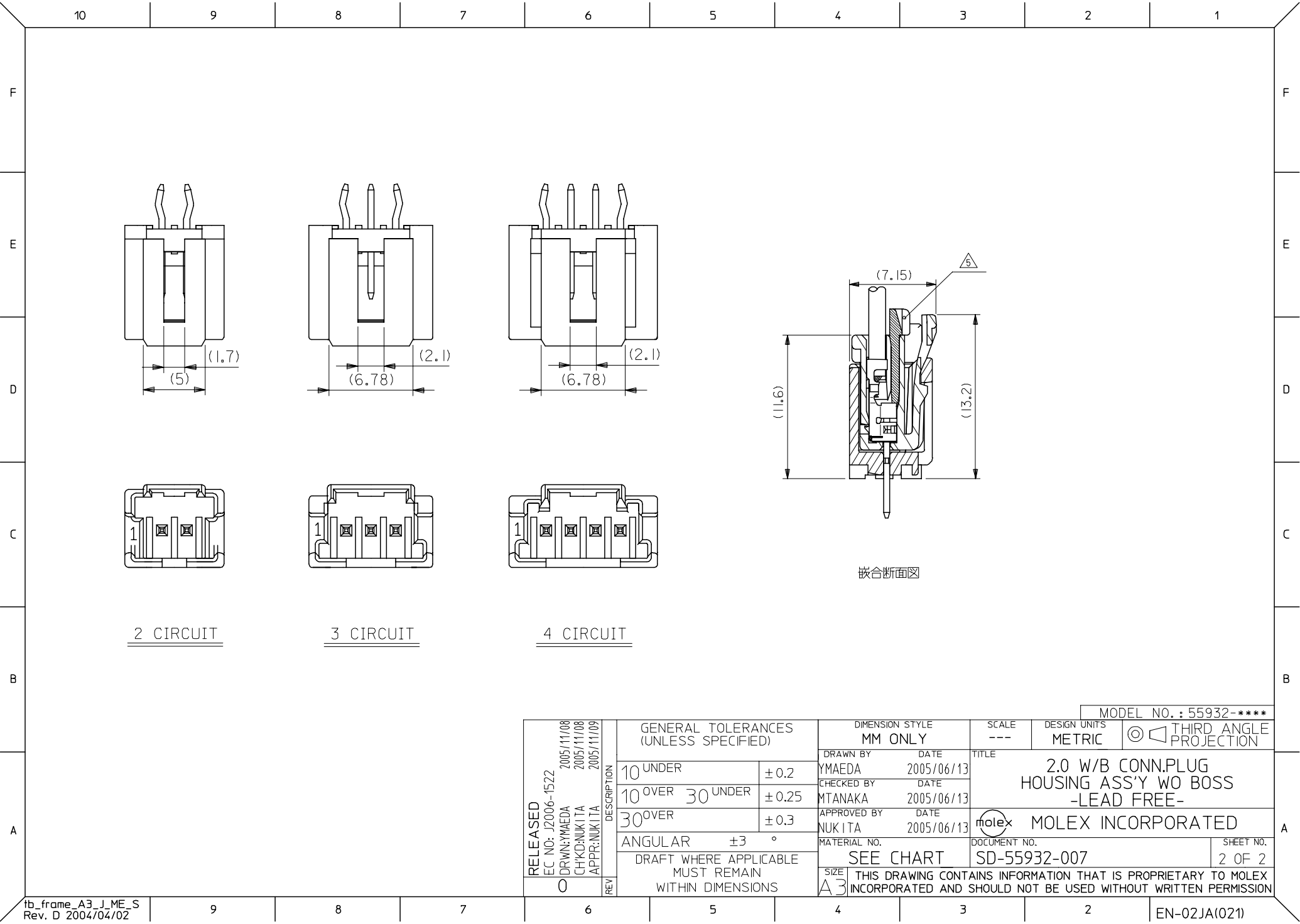
DESIGN UNITS
METRIC

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	

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



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 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					