

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0559320510

Status:

Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 5 Circuits, with 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	Yes
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

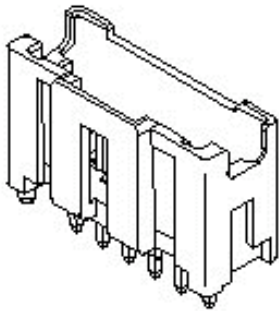
Electrical

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

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

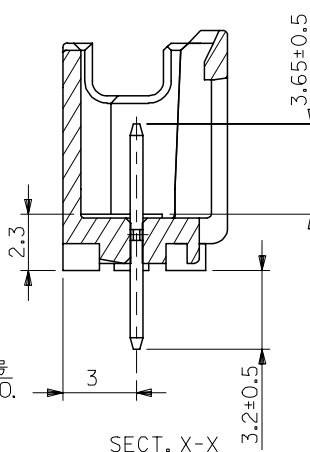
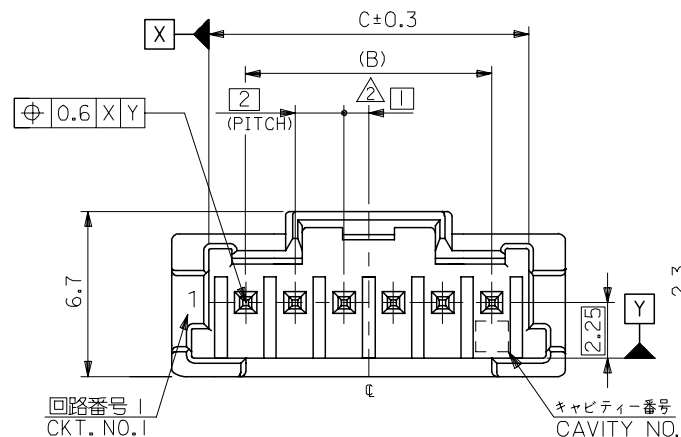
PS-51382-004, RPS-51382-006, RPS-51382-007,
RPS-51382-008, RPS-51382-009, RPS-51382-010,
RPS-51382-011, RPS-51382-012, RPS-51382-013,
RPS-51382-014
SD-55932-002

Sales Drawing

This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1



NOTE

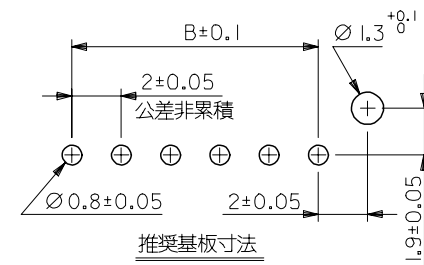
1. 嵌合相手: 51382シリーズ
2. 偶数極 (列) に適用。
3. キングは両外側の位置に付加。
4. 製品番号 MATERIAL NO.

55932-***

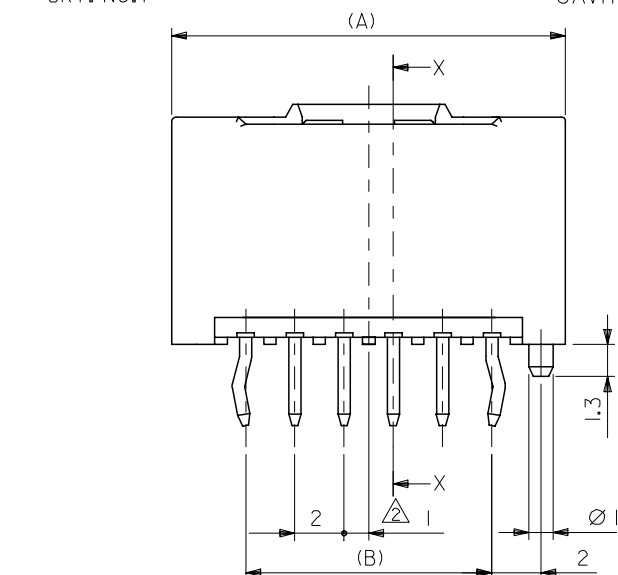
極数 CIRCUIT SIZE

色 COLOR

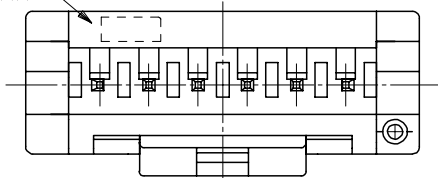
10	自然色 (白) NATURAL (WHITE)
11	黒 BLACK
12	赤 RED
13	黄 YELLOW
14	青 BLUE
15	桃 PINK
16	緑 GREEN
17	茶 BROWN
18	橙 ORANGE
19	紫 VIOLET
41	灰 GRAY
43	蛍光黄 FLUORESCENCE YELLOW
44	水 PALE BLUE
46	黄緑 YELLOWISH GREEN



推奨基板寸法
($t = 1.6$)



トレードマーク
TRADE MARK



MATERIAL

ピン : 黄銅、錫メッキ
ハウジング : PBT

REVISED
EC NO: J2006-3014
DRWN: NABE1 2006/03/28
CHKD: KTOYODA 2006/05/08
APPR: NUKITA 2006/05/08

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	$\pm 3^\circ$

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
T. NIITSU	'02/02/08
CHECKED BY	DATE
K. ASAKAWA	'03/06/12
APPROVED BY	DATE
T. YAMAGUCHI	'03/06/12

MATERIAL NO.
SEE CHART

SCALE

DESIGN UNITS
METRIC

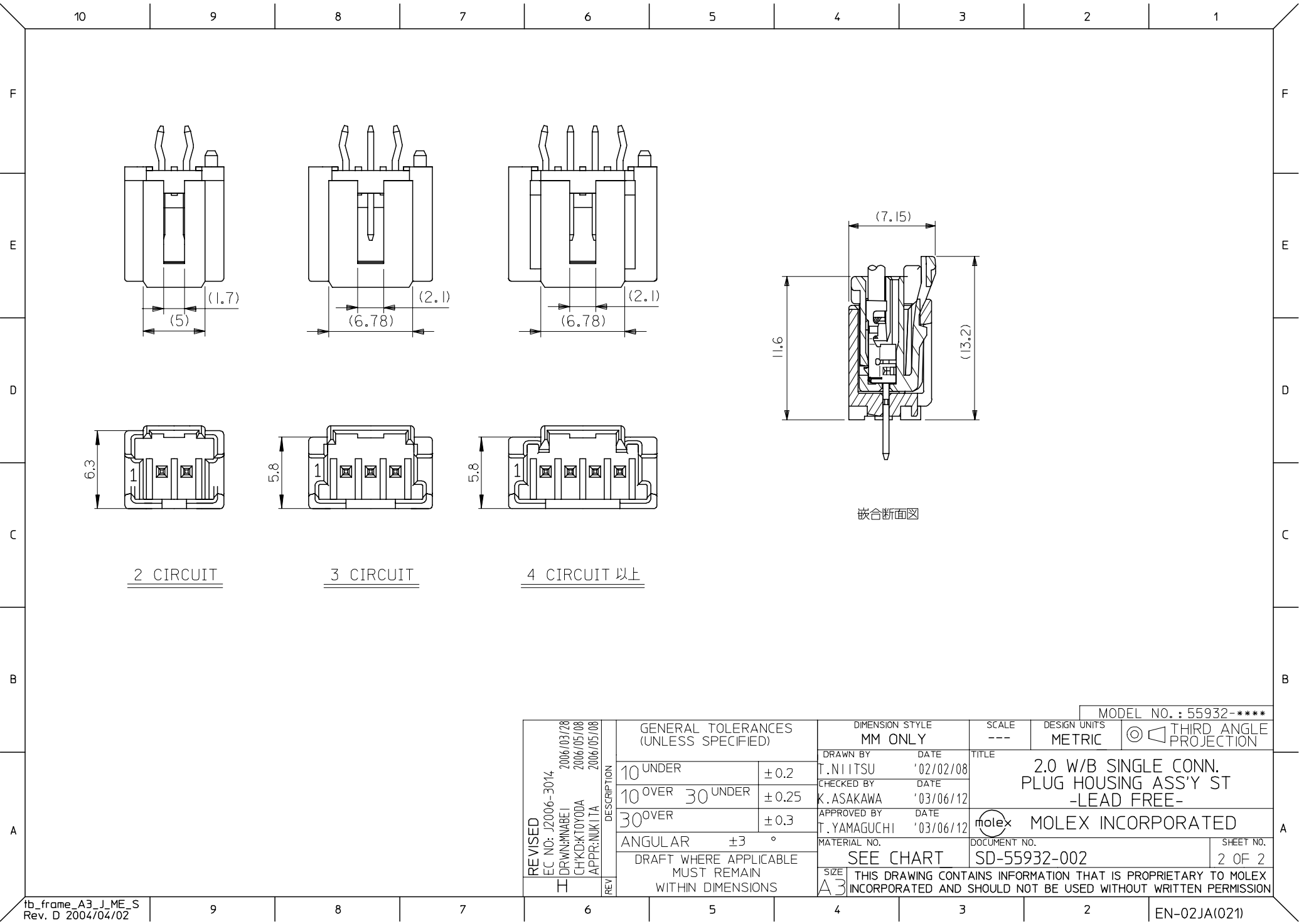
THIRD ANGLE
PROJECTION

2.0 W/B SINGLE CONN.
PLUG HOUSING ASS'Y ST
-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.
SD-55932-002

SHEET NO.
1 OF 2



2 CIRCUIT

3 CIRCUIT

4 CIRCUIT 以上

嵌合断面図

MODEL NO. : 55932-****

REVISED EC NO: J2006-3014 DRWN:MABEI 2006/03/28 CHKD:KTOYODA 2006/05/08 APPR:NUKITA 2006/05/08 H	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY T.NIITSU	DATE '02/02/08	TITLE 2.0 W/B SINGLE CONN. PLUG HOUSING ASS'Y ST -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.ASAKAWA	DATE '03/06/12					
		30 OVER	±0.3	APPROVED BY T.YAMAGUCHI	DATE '03/06/12	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55932-002		2 OF 2		
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					