

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0559320210
Status: Active
Overview: microclasp
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Vertical, 2 Circuits, with PCB Locator

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-51382-004 \(PDF\)](#)
[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)	2
Circuits (maximum)	2
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

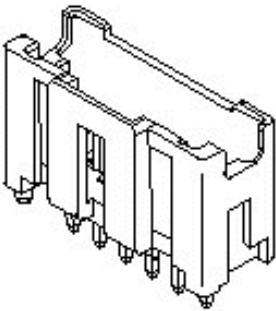
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55932-001
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Series

image - Reference only

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Contains SVHC: No
Halogen-Free

Status

Not Halogen-Free

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

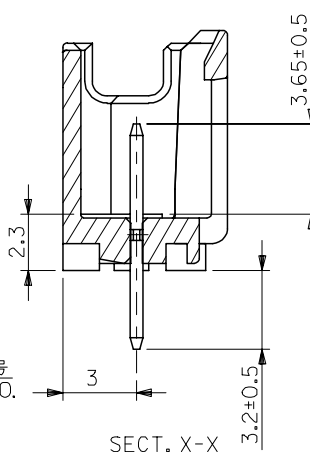
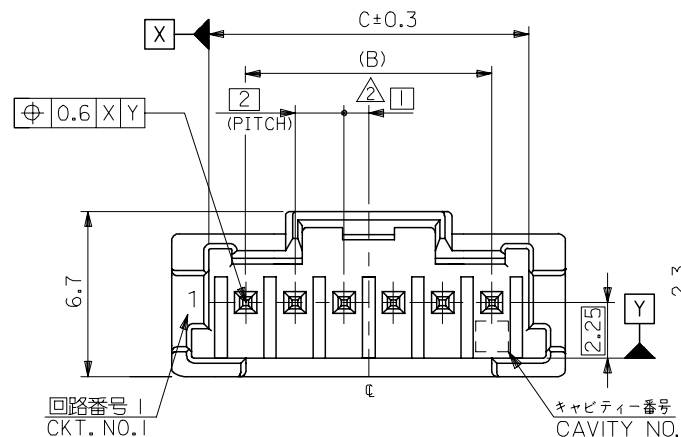
PS-51382-004, RPS-51382-006, RPS-51382-007,
RPS-51382-008, RPS-51382-009, RPS-51382-010,
RPS-51382-011, RPS-51382-012, RPS-51382-013,
RPS-51382-014
SD-55932-002

Sales Drawing

This document was generated on 05/25/2010

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NOTE

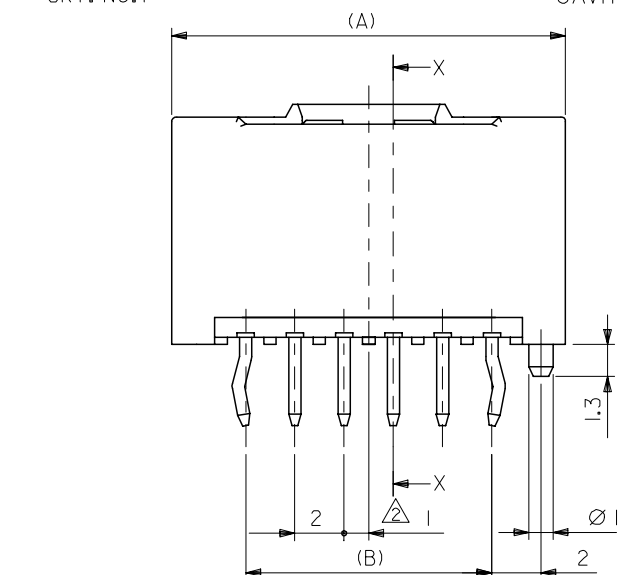
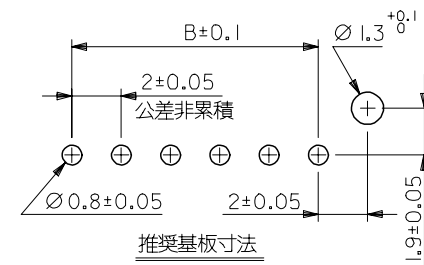
1. 嵌合相手: 51382シリーズ
2. 偶数極 (列) に適用。
3. キングは両外側の位置に付加。
4. 製品番号 MATERIAL NO.

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



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: MABE1 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 T. NIITSU	DATE '02/02/08
CHECKED BY K. ASAKAWA	DATE '03/06/12
APPROVED BY T. YAMAGUCHI	DATE '03/06/12

MATERIAL NO.
SEE CHART

SIZE
A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

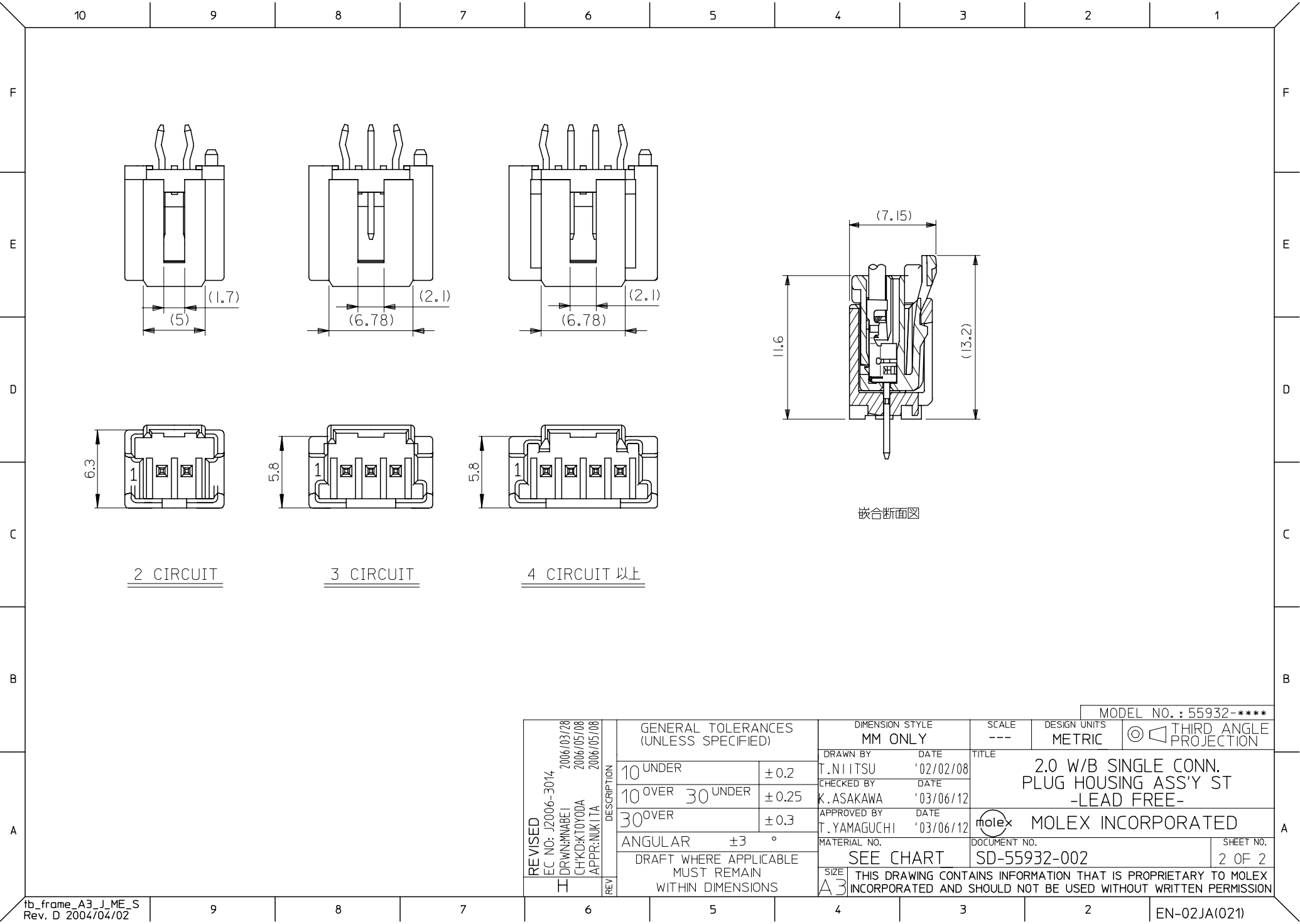
2.0 W/B SINGLE CONN.
PLUG HOUSING ASS'Y ST
-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.
SD-55932-002

SHEET NO.
1 OF 2

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



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

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