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Part Number:

0559351430

Status:

Active

Overview:

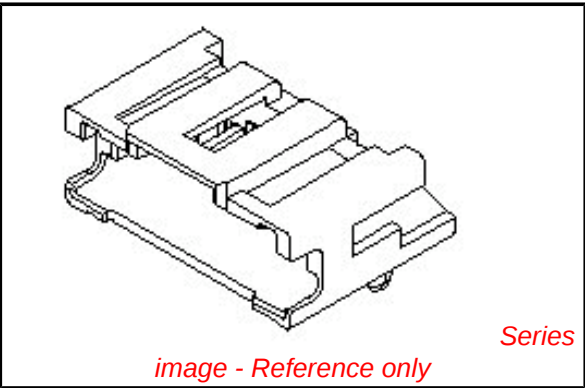
microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Single Row, Right Angle, 14 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	55935
Application	Wire-to-Board
Overview	microclasp
Product Name	MicroClasp™
Physical	
Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	Right Angle
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-55935-001



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

55935Series

Mates With

51382 MicroClasp™ Wire-to-Board Receptacle Housing

Product Specification

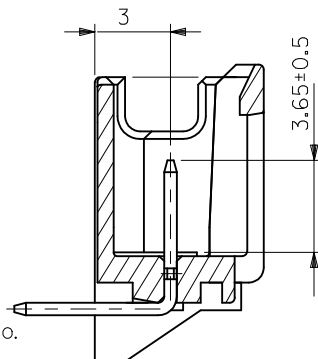
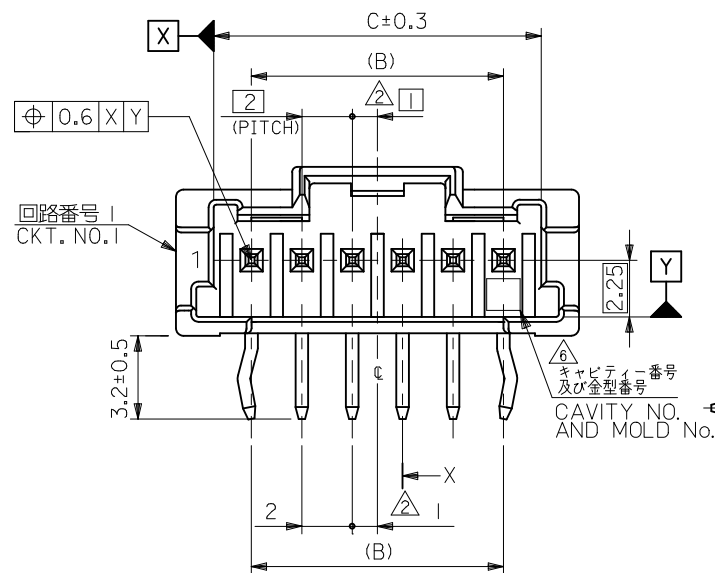
PS-51382-004, RPS-51382-006, RPS-51382-007,
RPS-51382-008, RPS-51382-009, RPS-51382-010,
RPS-51382-012, RPS-51382-013, RPS-51382-014,
RPS-51382-015
SD-55935-002

Sales Drawing

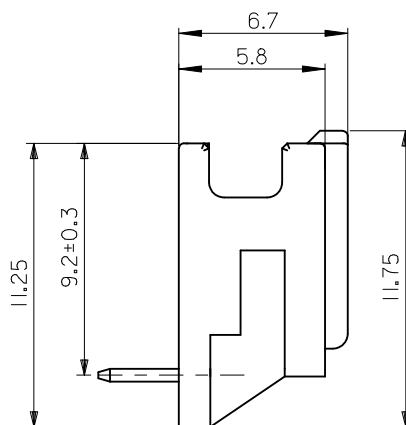
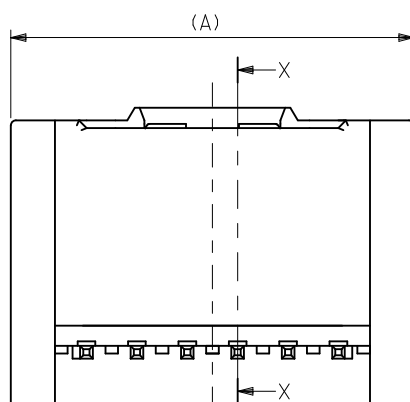
This document was generated on 05/25/2010

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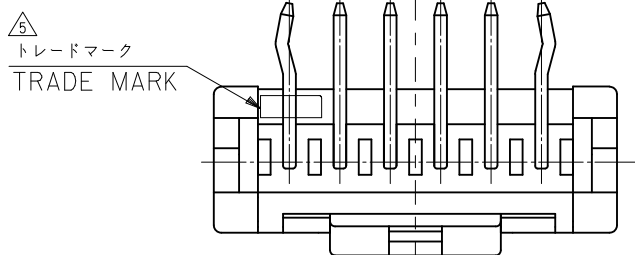
10 9 8 7 6 5 4 3 2 1



SECT. X-X



SECT. X-X



MATERIAL
ピン : 黄銅、ニッケル下地錫メッキ
ハウジング : PBT

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. 製品番号 MATERIAL NO.

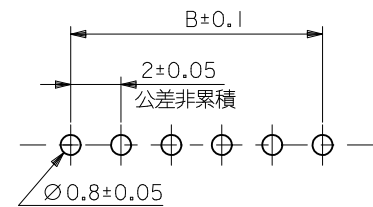
55935-****

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

5. トレードマーク: Mプラス1~2文字のアルファベットにて構成。(例: MXJ)
但し、"J"はJAPANを示す。
FORMED BY M AND 1-2 MORE LETTER OF ALPHABET (e.g. MXJ) TO TRADE MARK. BUT "J" SHOW JAPAN.



推奨基板寸法
(t = 1.6)

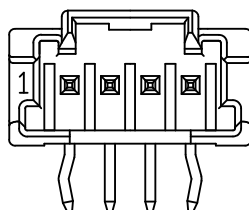
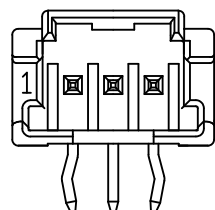
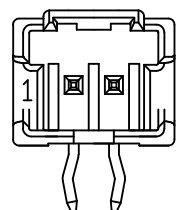
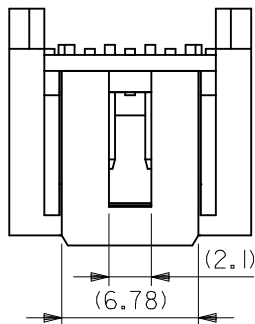
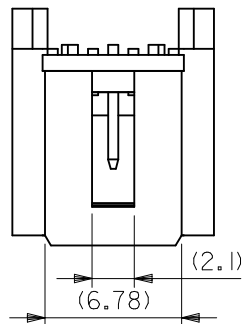
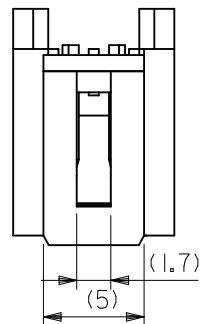
6. キャビティ番号 : 1~2桁の数字
金型番号 : アルファベット1文字にて構成
(例 1A、10B)
尚、金型番号は刻印無しの製品あり。
FORMED BY 1 DIGIT TO " DIGIT NUMBERS (TO CAVITY No.) AND BY 1 LETTER OF ALPHABET. (TO MOLD No.)
(e.g. 1A,10B)
THERE ARE PRODUCTS WITHOUT THE MARK OF MOLD No.

31	28	34	55935-15**	15
29	26	32	55935-14**	14
27	24	30	55935-13**	13
25	22	28	55935-12**	12
23	20	26	55935-11**	11
21	18	24	55935-10**	10
19	16	22	55935-09**	9
17	14	20	55935-08**	8
15	12	18	55935-07**	7
13	10	16	55935-06**	6
11	8	14	55935-05**	5
9	6	12	55935-04**	4
7	4	10	55935-03**	3
5	2	8	55935-02**	2
C	B	A	MATERIAL NO. CKT.	

MODEL NO.: 55935-****

REVISED EC NO: J2010-2139 DRWN:THANYU CHKD: ASAKAWA APPR:NUKITA K	DESCRIPTION 2010/04/26 2010/04/26 2010/04/27	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 R/A -LEAD FREE-  MOLEX INCORPORATED			
		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				
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55935-002			1 OF 2
SIZE A3								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

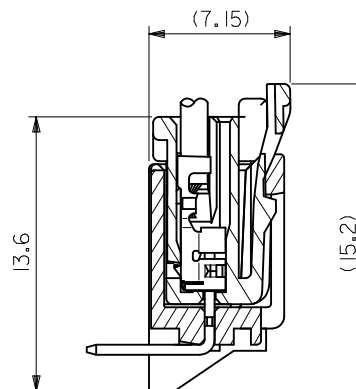
10 9 8 7 6 5 4 3 2 1



2 CIRCUIT

3 CIRCUIT

4 CIRCUIT 以上



嵌合断面図

MODEL NO. : 55935-****

REVISED EC NO: J2010-2139 DRWN:THANYU CHKD:K. ASAKAWA APPR:NUKITA K	DESCRIPTION	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 R/A -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			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55935-002		2 OF 2	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						