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Part Number: [0513820500](#)
Status: **Active**
Overview: microclasp
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 5 circuits

Documents:

[3D Model](#) [Product Specification PS-51382-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Housings
Series	51382
Overview	microclasp
Product Name	MicroClasp™

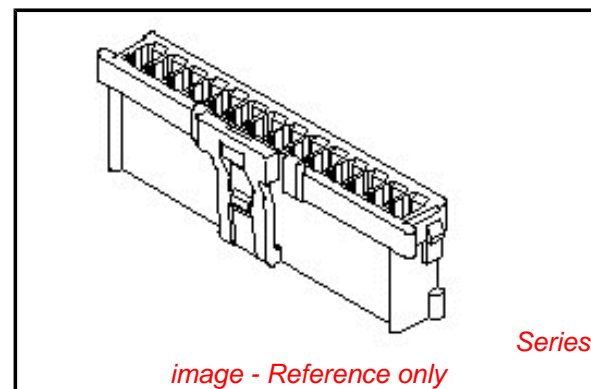
Physical

Circuits (maximum)	5
Color - Resin	White
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Stackable	No
Temperature Range - Operating	-25°C to +85°C

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-51382-001
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, RPS-51382-015
Sales Drawing	SD-51382-002



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

[51382Series](#)

Mates With

[55932](#) Vertical Header, [55935](#) Right Angle Header

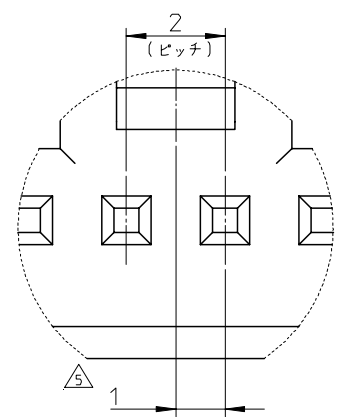
Use With

[56134](#)

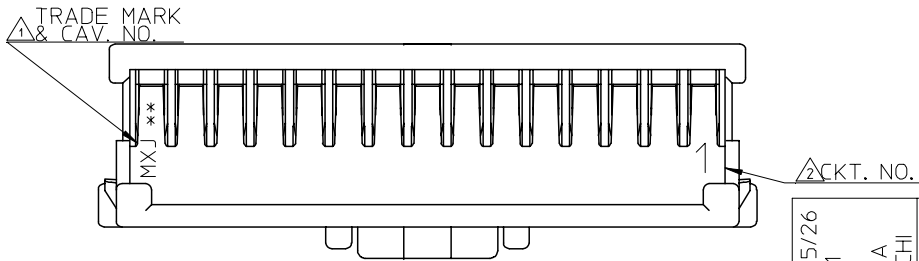
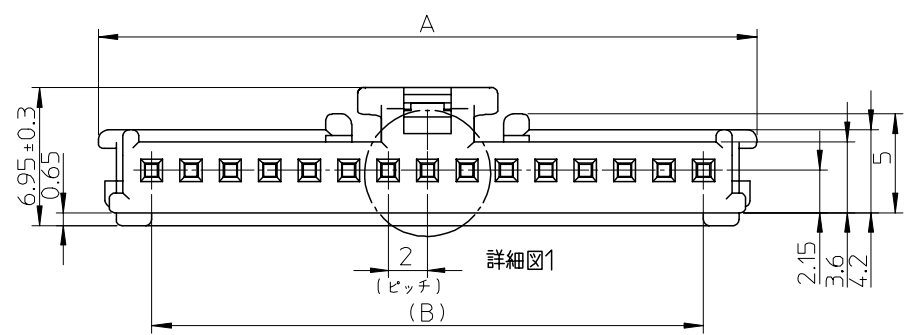
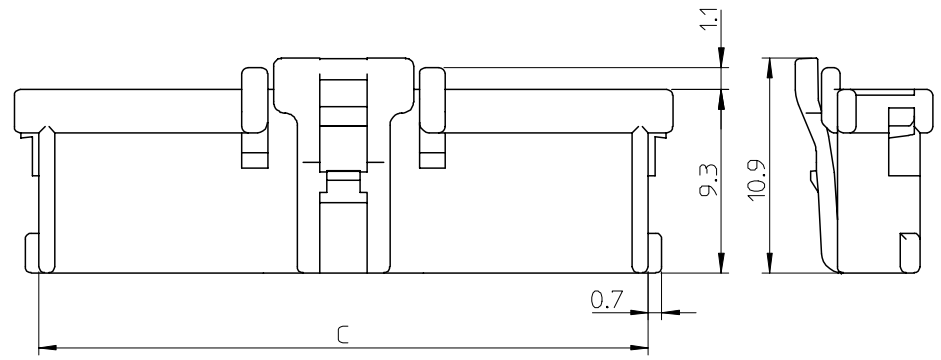
NOTES
 文字の大きさは0.7にて鮮明な事。
 △1 SIZE OF LETTERS 0.7 AND CLEAR.
 文字の大きさは1にて鮮明な事。
 △2 SIZE OF LETTERS 1 AND CLEAR
 3. 適合ターミナル: 59370, 56134 シリーズ
 APPLICABLE TERM.: 59370, 56134 SERIES.
 4. 嵌合相手: 55932, 55935 シリーズ
 MATE WITH: 55932, 55935 SERIES.
 偶数極に適用。
 △5 APPLY EVEN CIRCUIT
 6. 材料 66NYLON
 7. 製品番号
 MATERIAL NO.
 51382-****

極数	色	自然色 (白) NATURAL (WHITE)	00
CTKT	COLOR	黒 BLACK	01
		赤 RED	02
		黄 YELLOW	03
		青 BLUE	04
		桃 PINK	05
		緑 GREEN	06
		茶 BROWN	07
		橙 ORANGE	08
		紫 VIOLET	09
		灰 GRAY	11
		蛍光黄 FLUORESCENCE YELLOW	13
		水 PALE BLUE	14
		黄緑 YELLOWISH GREEN	16

30.9	28	33.4	51382-15**	15
28.9	26	31.4	51382-14**	14
26.9	24	29.4	51382-13**	13
24.9	22	27.4	51382-12**	12
22.9	20	25.4	51382-11**	11
20.9	18	23.4	51382-10**	10
18.9	16	21.4	51382-09**	9
16.9	14	19.4	51382-08**	8
14.9	12	17.4	51382-07**	7
12.9	10	15.4	51382-06**	6
10.9	8	13.4	51382-05**	5
8.9	6	11.4	51382-04**	4
6.9	4	9.4	51382-03**	3
4.9	2	7.4	51382-02**	2
C	B	A	MATERIAL NO.	CKT

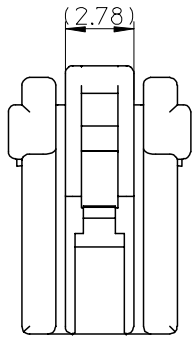


詳細図1
Scale 10:1

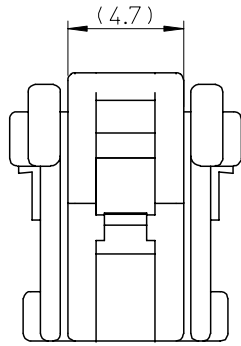


REVISED '03/05/26 EC NO: J2003-2951 DRAWN: NITO CHKD: KASAKAWA APPR: T.YAMAGUCHI	GENERAL TOLERANCES (UNLESS SPECIFIED) 一般公差		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	10 UNDER 未滿 ±0.2	30 UNDER 未滿 ±0.3	DIMENSION STYLE MM ONLY		TITLE 2.0 W/B CONN. HOUSING	
	10 OVER 以上 ±0.2	30 OVER 以上 ±0.3	DRAWN BY T.NIITSU	DATE '02/3/19	MATERIAL NO. 51382-****	
	ANGULAR 角度 ± 3 °		CHECKED BY T.ITO	DATE '02/10/22	DOCUMENT NO. SD-51382-002	SHEET NO. 1 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY T.YAMAGU	DATE '02/10/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

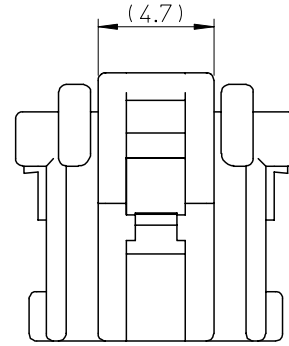
10 9 8 7 6 5 4 3 2 1



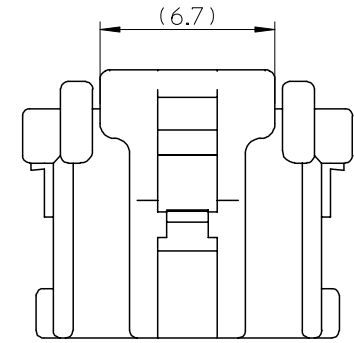
2極品



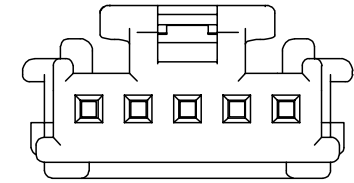
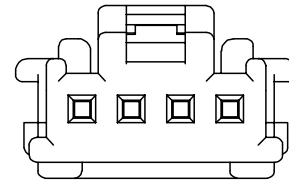
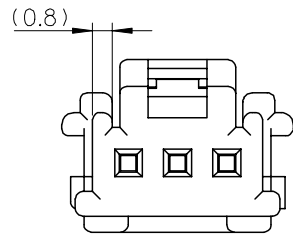
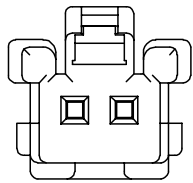
3極品



4極品



5極品以上



F

E

D

C

B

A

F

E

D

C

B

A

REVISED '03/05/26 EC NO: J2003-2951 DRAWN: NJITO CHKD: K.SAKAWA APPR: T.YAMAGUCHI	GENERAL TOLERANCES (UNLESS SPECIFIED) 一般公差		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	10 UNDER 未満	±0.2	DIMENSION STYLE MM ONLY		TITLE 2.0 W/B CONN. HOUSING	
	10 OVER 以上	30 UNDER 未満	±0.3	DRAWN BY T.NIITSU	DATE '02/3/19	
	30 OVER 以上	±0.3	CHECKED BY T.ITO	DATE '02/10/22	MOLEX INCORPORATED	
	ANGULAR 角度 ± 3°		APPROVED BY T.YAMAGU	DATE '02/10/22	MATERIAL NO. 51382-****	DOCUMENT NO. SD-51382-002
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 2	A3

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