

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0513820400](#)
Status: **Active**
Overview: microclasp
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 4 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™

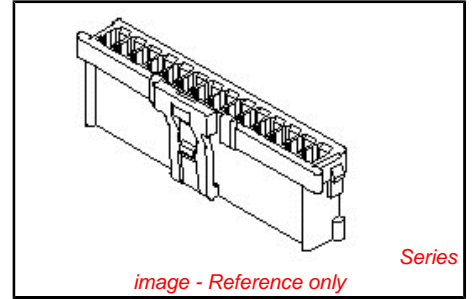
Physical

Circuits (maximum)	4
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



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Reviewed</p>	<p>China RoHS</p>
--	--------------------------

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

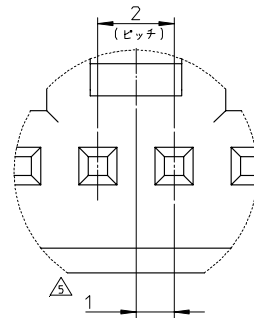
Use With
[56134](#)

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

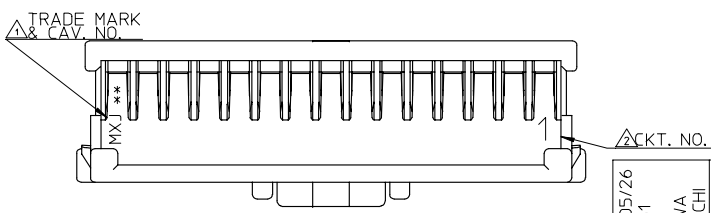
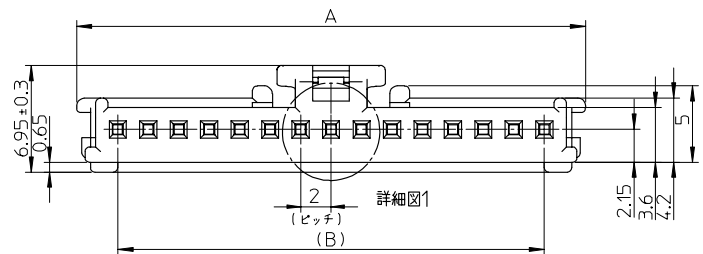
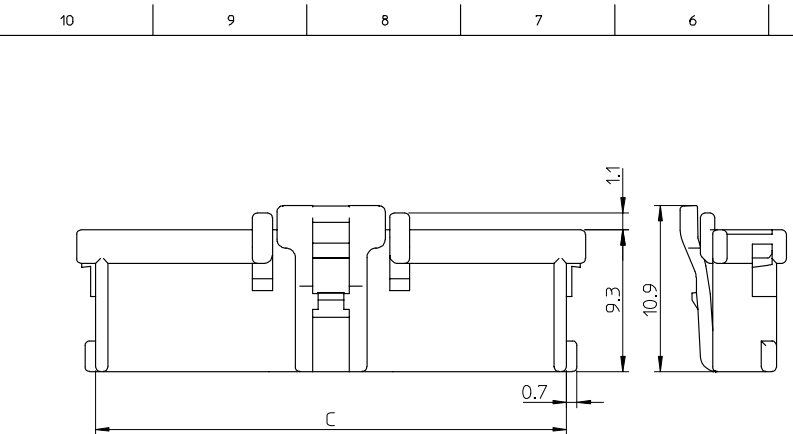
NOTES
 文字の大きさは0.7にて鮮明な事。
 SIZE OF LETTERS 0.7 AND CLEAR.
 文字の大きさは1にて鮮明な事。
 SIZE OF LETTERS 1 AND CLEAR
 適合ターミナル: 59370,56134シリーズ
 APPLICABLE TERM.: 59370,56134 SERIES.
 4. 嵌合相手: 55932,55935シリーズ
 MATE WITH: 55932,55935 SERIES.
 偶数極に適用。
 APPLY EVEN CIRCUIT
 6. 材料: 66NYLON
 7. 製品番号
 MATERIAL NO.
 51382-****

極数	色	色名	色番号
2	自然色(白)	NATURAL(WHITE)	00
3	黒	BLACK	01
4	赤	RED	02
5	黄	YELLOW	03
6	青	BLUE	04
7	桃	PINK	05
8	緑	GREEN	06
9	茶	BROWN	07
10	橙	ORANGE	08
11	紫	VIOLET	09
12	灰	GRAY	10
13	蛍光黄	FLUORESCENCE YELLOW	13
14	水	PALE BLUE	14
15	黄緑	YELLOWISH GREEN	16

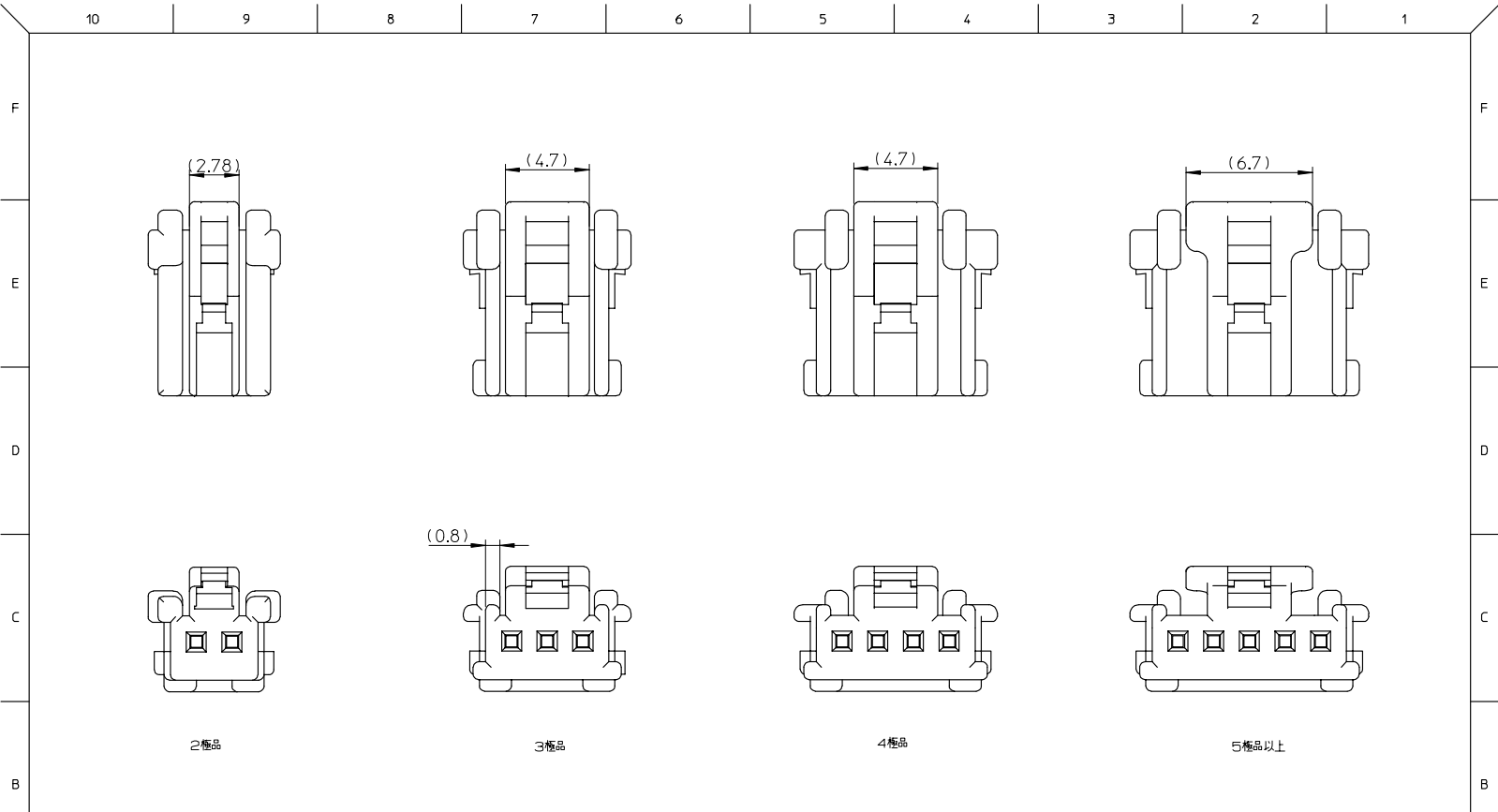
極数	色	色名	色番号	
30.9	28	33.4	51382-15**	15
28.9	26	31.4	51382-14**	14
26.9	24	29.4	51382-13**	13
24.9	22	27.4	51382-12**	12
22.9	20	25.4	51382-11**	11
20.9	18	23.4	51382-10**	10
18.9	16	21.4	51382-09**	9
16.9	14	19.4	51382-08**	8
14.9	12	17.4	51382-07**	7
12.9	10	15.4	51382-06**	6
10.9	8	13.4	51382-05**	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 T.DRWN: NITO CHKO: KASAKAWA APPR: T.YAMAGUCHI	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION REVISION ON CAD ONLY	
	一般公差		4:1	METRIC		
	10 UNDER 未指定	±0.2	DIMENSION STYLE		TITLE 2.0 W/B CONN. HOUSING	
	10 OVER 以上	±0.3	MM ONLY			
30 UNDER 未指定	±0.3	DRAWN BY	DATE			
30 OVER 以上	±0.3	T.NIITSU	'02/3/19	CHECKED BY	DATE	
ANGULAR 角度 ± 3°		T.JITO	'02/10/22	T.JITO	'02/10/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		T.YAMAGU	'02/10/22	51382-****	SD-51382-002	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



2極品

3極品

4極品

5極品以上

REVISED '03/05/26 EC NO: J2003-2951 T.DRWN: NITO CHKD: K.SAKAWA APPR: T.YAMAGUCHI	GENERAL TOLERANCES (UNLESS SPECIFIED) 一般公差		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION REVISIONS 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	MOLEX MOLEX INCORPORATED
	30 OVER 以上	±0.3	CHECKED BY T.JITO	DATE '02/10/22	MATERIAL NO. 51382-****	
ANGULAR 角度 ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY T.YAMAGU	DATE '02/10/22	DOCUMENT NO. SD-51382-002	SHEET NO. 2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						A3