

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0513820700](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 7 circuits

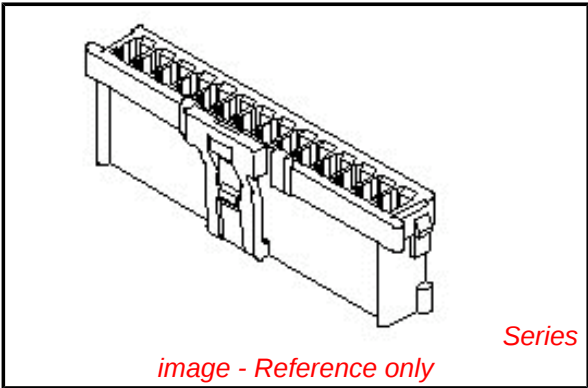
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51382-004 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Housings
Series	51382
Overview	microclasp
Product Name	MicroClasp™
Physical	
Circuits (maximum)	7
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
Not Reviewed
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](#)

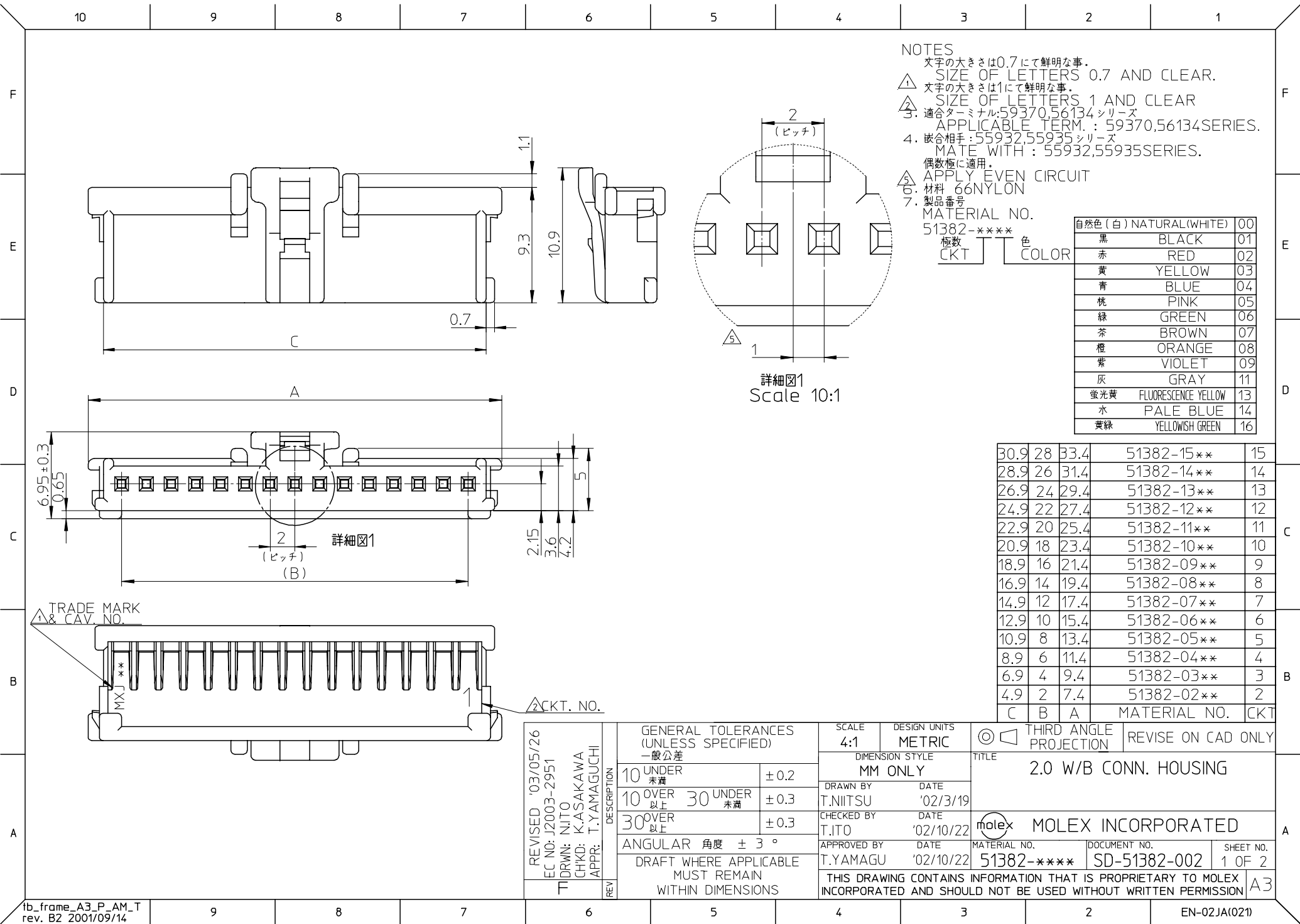
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[51382Series](#)

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

Use With
[56134](#)

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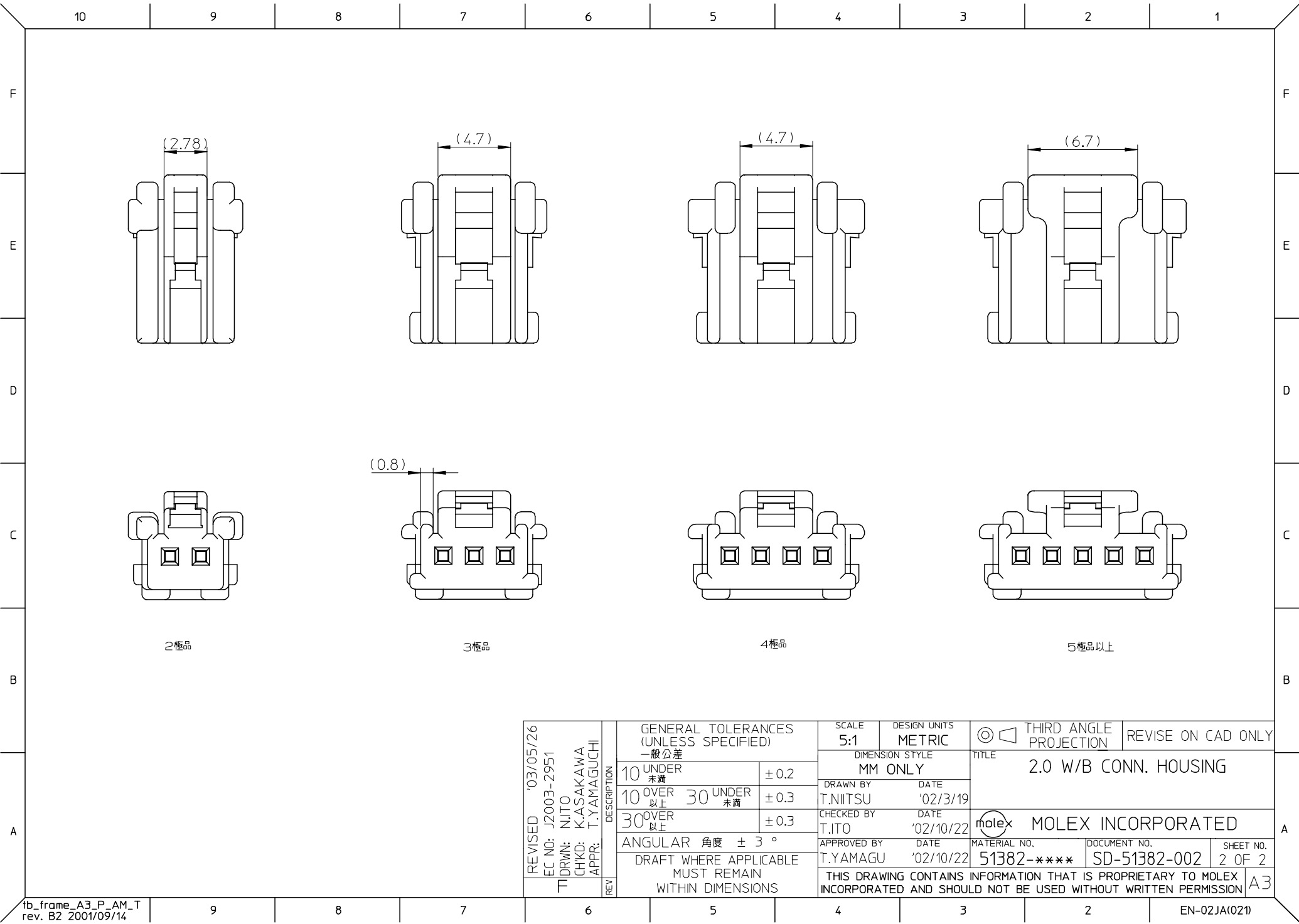
- NOTES
- 文字の大きさは0.7にて鮮明な事。
SIZE OF LETTERS 0.7 AND CLEAR.
- 文字の大きさは1にて鮮明な事。
SIZE OF LETTERS 1 AND CLEAR
- 適合ターミナル: 59370, 56134 シリーズ
APPLICABLE TERM.: 59370, 56134 SERIES.
- 適合相手: 55932, 55935 シリーズ
MATE WITH: 55932, 55935 SERIES.

- 偶数極に適用。
APPLY EVEN CIRCUIT
- 材料: 66NYLON
- 製品番号
- MATERIAL NO.

51382-****	自然色 (白) NATURAL (WHITE)	00
極数	黒 BLACK	01
色	赤 RED	02
COLOR	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

REVISED '03/05/26 EC NO: J2003-2951 T DRWN: NITO CHKD: K.ASAKAWA APPR: T.YAMAGUCHI	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) 一般公差		SCALE 4:1	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 30 UNDER 以上 未満	± 0.3	DRAWN BY T.NITSU	DATE '02/3/19	MOLEX INCORPORATED			
		30 OVER 以上	± 0.3	CHECKED BY T.ITO	DATE '02/10/22				
		ANGULAR 角度 ± 3 °		APPROVED BY T.YAMAGU	DATE '02/10/22				MATERIAL NO. 51382-****
	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						
REV									A3



2極品

3極品

4極品

5極品以上

REVISED '03/05/26	EC NO: J2003-2951	DRWN: NITO	CHKD: K.SAKAWA	APPR: T.YAMAGUCHI	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) 一般公差		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
T	REV	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.NITSU		DATE '02/3/19		MOLEX INCORPORATED			
		30 OVER 以上		±0.3		CHECKED BY T.IITO		DATE '02/10/22						
		ANGULAR 角度 ± 3 °		APPROVED BY T.YAMAGU		DATE '02/10/22		MATERIAL NO. 51382-****		DOCUMENT NO. SD-51382-002		SHEET NO. 2 OF 2		
		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								A3		