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Part Number: [0513820600](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 6 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™

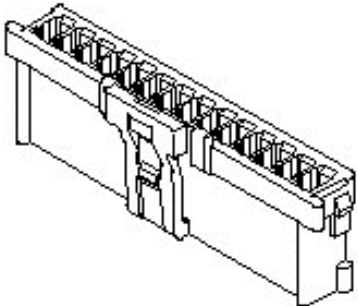
Physical

Circuits (maximum)	6
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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
**Halogen-Free
Status**

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

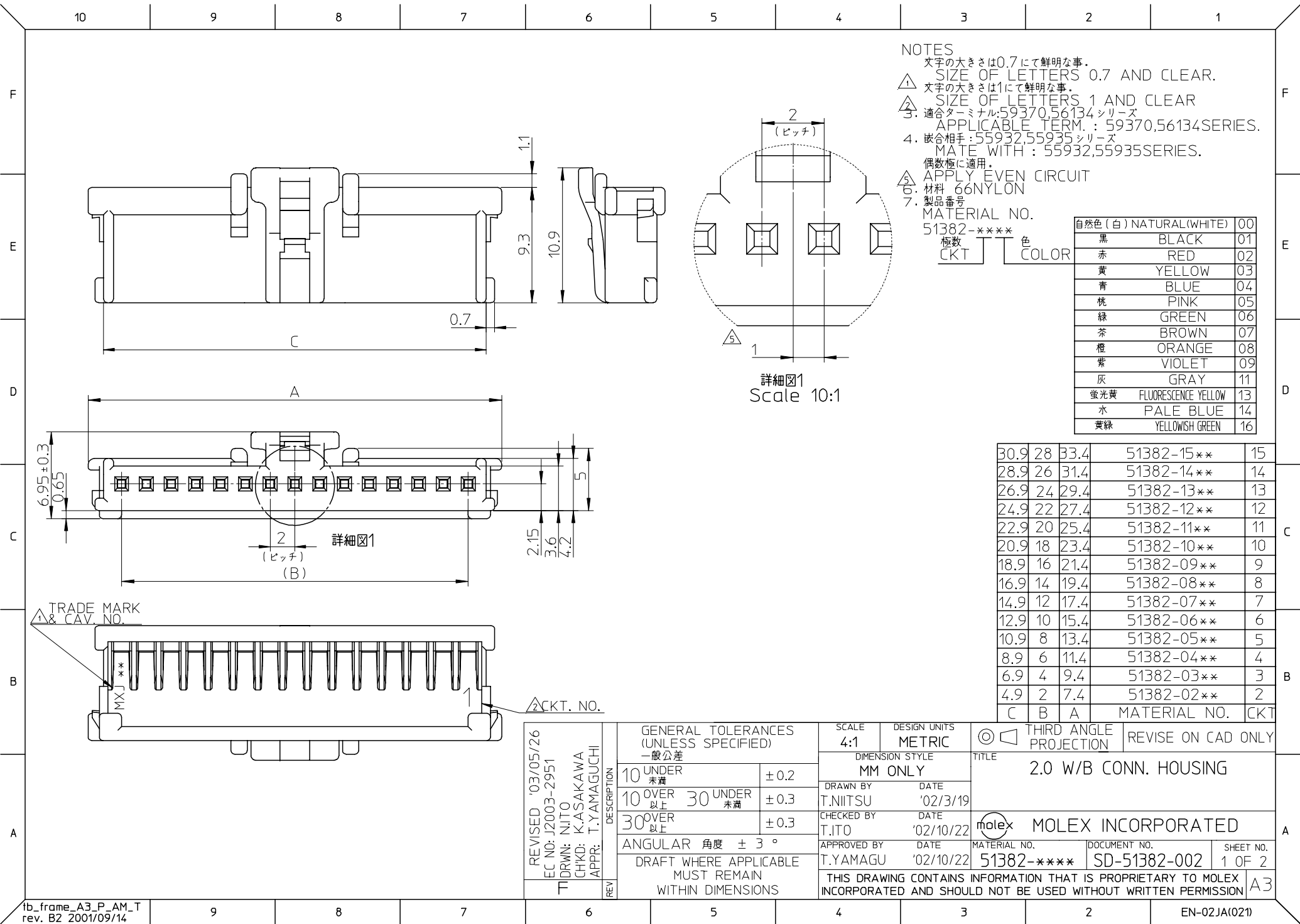
[51382Series](#)

Mates With

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

Use With

[56134](#)



- NOTES
- △1 文字の大きさは0.7にて鮮明な事。
SIZE OF LETTERS 0.7 AND CLEAR.
 - △2 文字の大きさは1にて鮮明な事。
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.

- △5 偶数極に適用。
APPLY EVEN CIRCUIT
- △6 材料 66NYLON
- △7 製品番号

MATERIAL NO.
51382-****
極数 CKT 色 COLOR

自然色 (白)	NATURAL (WHITE)	00
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

REVISED '03/05/26
EC NO: J2003-2951
T DRWN: NITO
CHKD: KASAKAWA
APPR: T.YAMAGUCHI

DESCRIPTION
GENERAL TOLERANCES
(UNLESS SPECIFIED)
一般公差
10 UNDER 未満 ±0.2
10 OVER 以上 30 UNDER 未満 ±0.3
30 OVER 以上 ±0.3
ANGULAR 角度 ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE
4:1

DESIGN UNITS
METRIC

DIMENSION STYLE
MM ONLY

DRAWN BY
T.NITSU

DATE
'02/3/19

CHECKED BY
T.ITO

DATE
'02/10/22

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

THIRD ANGLE
PROJECTION

TITLE
2.0 W/B CONN. HOUSING

MATERIAL NO.
51382-****

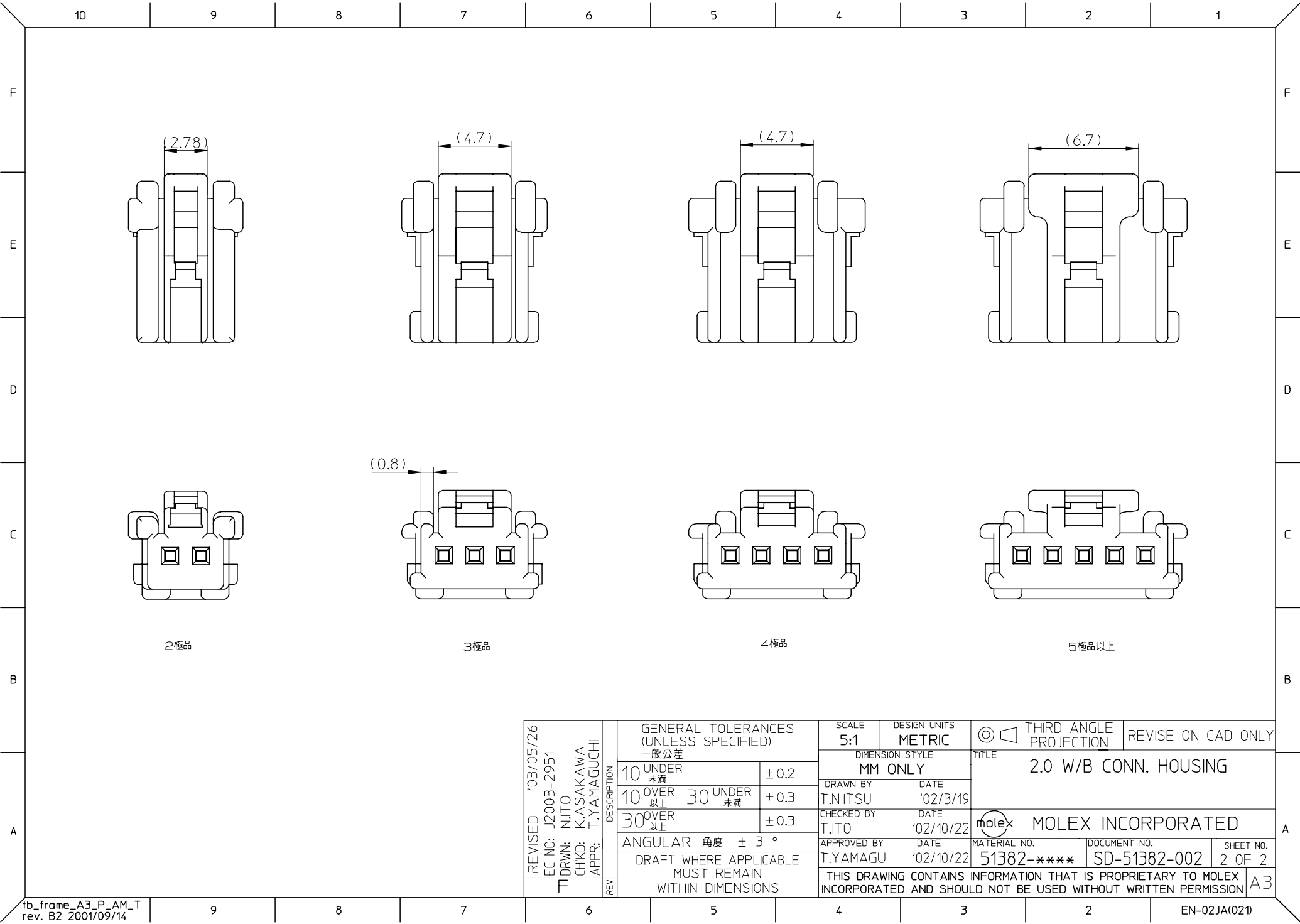
DOCUMENT NO.
SD-51382-002

SHEET NO.
1 OF 2

REVISE ON CAD ONLY

MOLEX
INCORPORATED

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		