

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0513821200

Status:

Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 12 circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51382-004 (PDF)

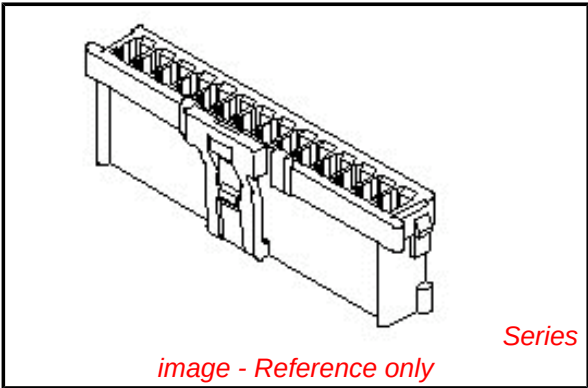
RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Housings
Series	51382
Overview	microclasp
Product Name	MicroClasp™
Physical	
Circuits (maximum)	12
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

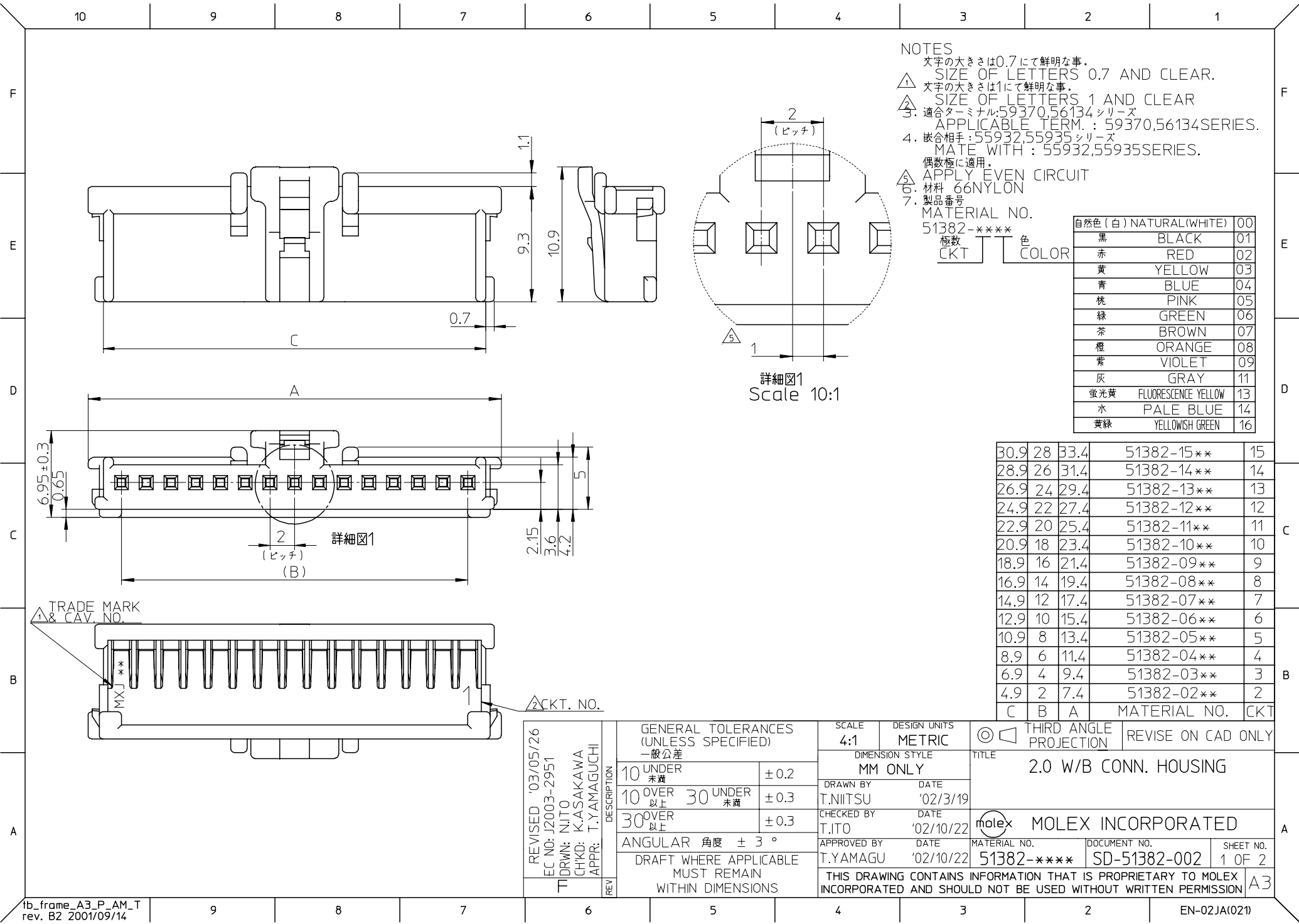
Mates With

55932 Vertical Header, 55935 Right Angle Header

Use With

56134

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- NOTES
- △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

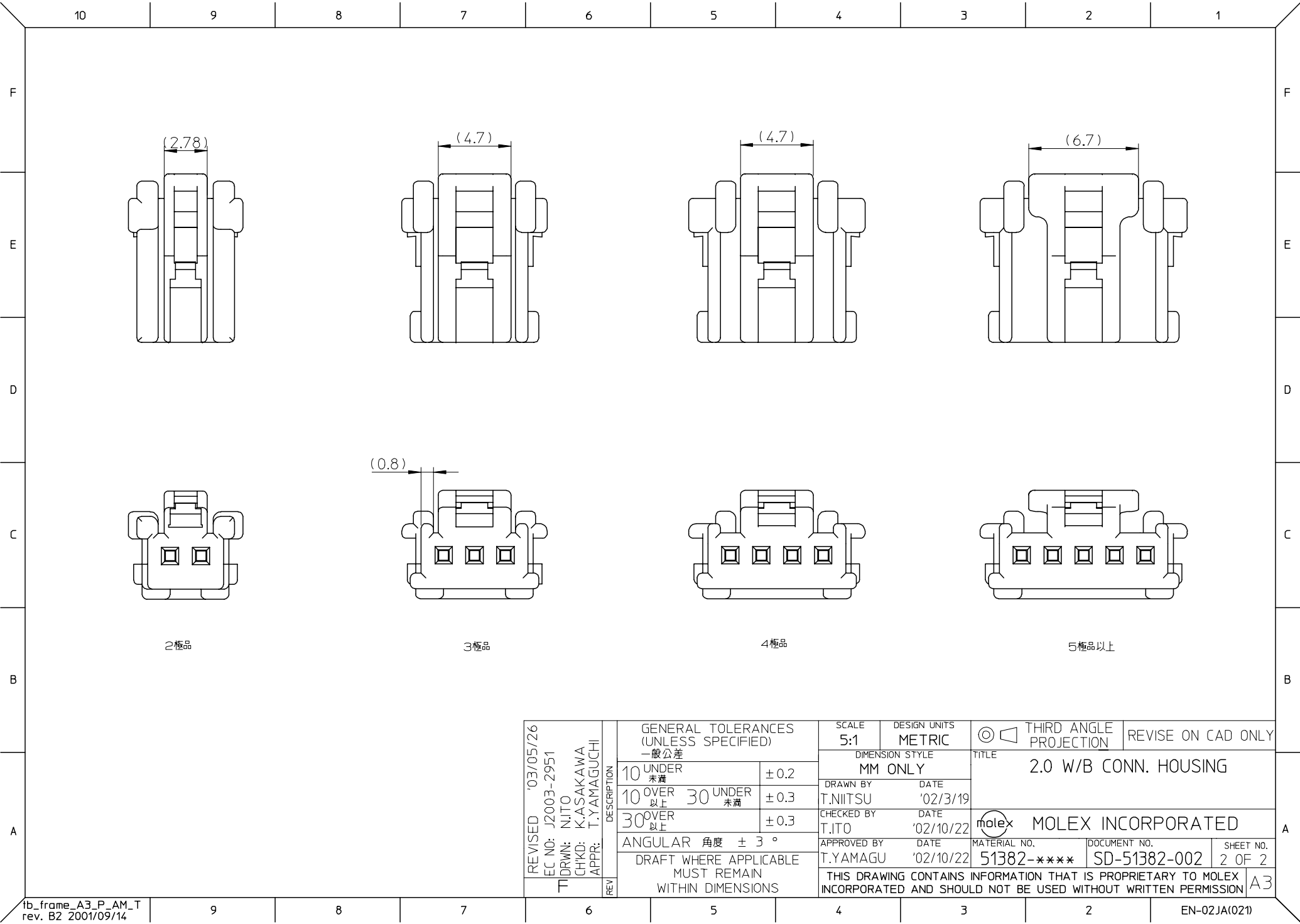
MATERIAL NO.
51382-****

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: 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 以上		30 UNDER 未満		±0.3		DRAWN BY T.NITSU		DATE '02/3/19			
		30 OVER 以上		±0.3		CHECKED BY T.ITO		DATE '02/10/22		MOLEX MOLEX INCORPORATED			
		ANGULAR 角度 ± 3 °		APPROVED BY T.YAMAGU		DATE '02/10/22		MATERIAL NO. 51382-****		DOCUMENT NO. SD-51382-002		SHEET NO. 1 OF 2	
	REV	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



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			