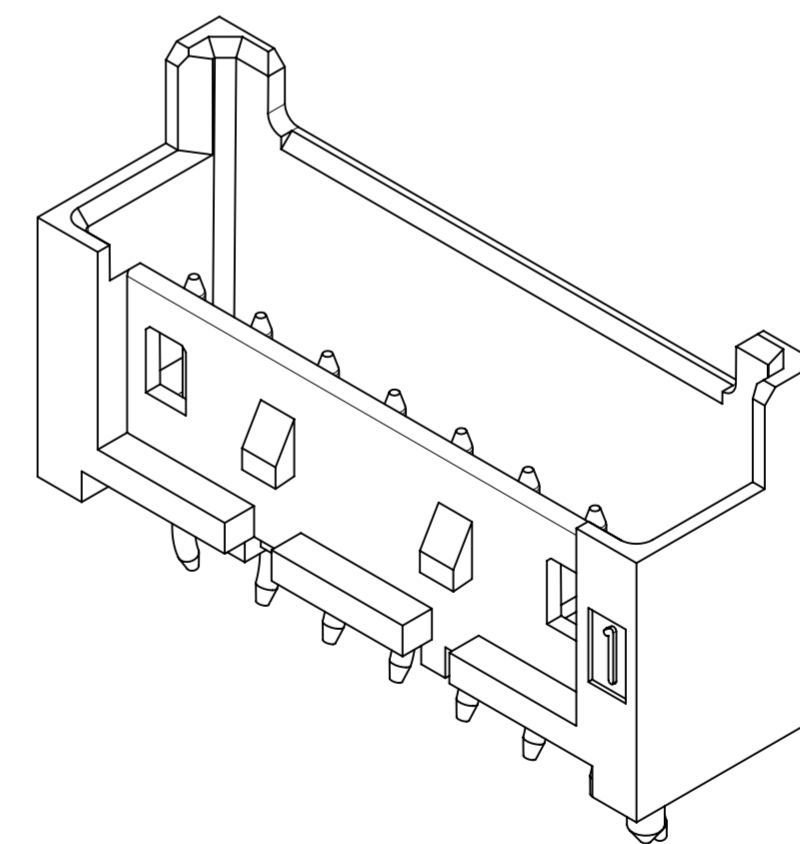


NOTES

1. 材料及び仕上げ(めっき仕様) : TABLE 1参照
MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書 : 511630000-PS 000
PRODUCT SPECIFICATION:511630000-PS 000
3. 梱包仕様書 : 533759200-SPK 200
PACKAGING SPECIFICATION: 533759200-SPK 200
4. 嵌合相手 : 51163 シリーズ
MATES WITH:51163 SERIES
5. アプリケーション仕様書(コネクタ取扱い説明書) : 2166940000-AS PS 000
APPLICATION SPECIFICATION(CONNECTOR MANUAL) : 2166940000-AS PS 000
6. 偶数極に適合
APPLY FOR EVEN CIRCUIT
7. 3極以上のキंक形状は両サイドが (A)、その他の極はすべて (B) 形状とする
KINK FORM
MORE THAN 2 CIRCUIT :
PINS AT BOTH ENDS ARE KINK FORMED TO (A).
THE OTHER PINS ARE KINK FORMED TO (B).

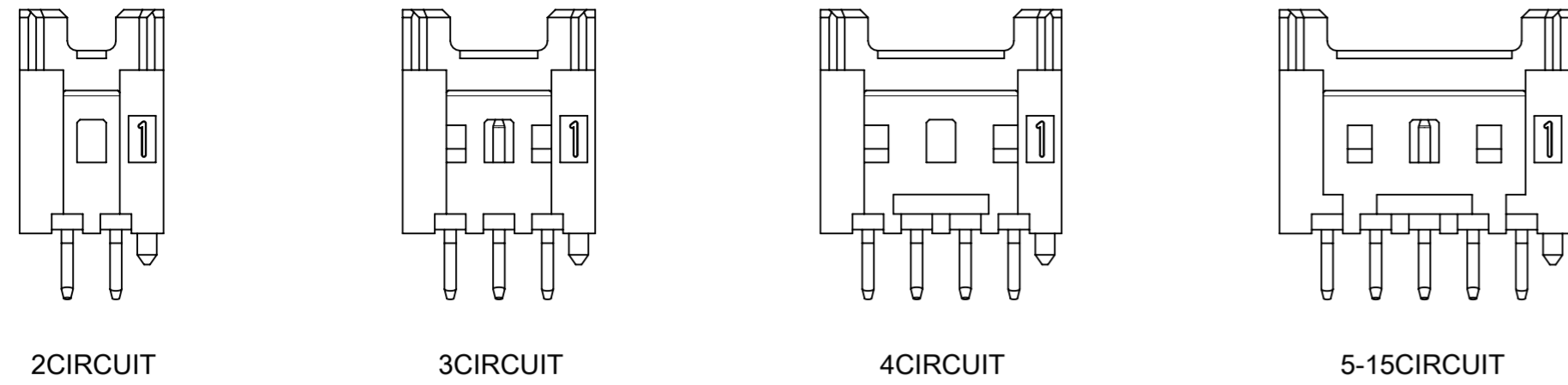


			HOUSING COLOR	
			NATURAL(WHITE)	
38.2	35	39.9	533751510	15
35.7	32.5	37.4	533751410	14
33.2	30	34.9	533751310	13
30.7	27.5	32.4	533751210	12
28.2	25	29.9	533751110	11
25.7	22.5	27.4	533751010	10
23.2	20	24.9	533750910	9
20.7	17.5	22.4	533750810	8
18.2	15	19.9	533750710	7
15.7	12.5	17.4	533750610	6
13.2	10	14.9	533750510	5
10.7	7.5	12.4	533750410	4
8.2	5	9.9	533750310	3
5.7	2.5	7.4	533750210	2
C	B	A	発注番号	
			ORDER No.	極数
			梱包形態 : ポリ袋	CIRCUIT SIZE
			PACKAGE:POLY BAG	

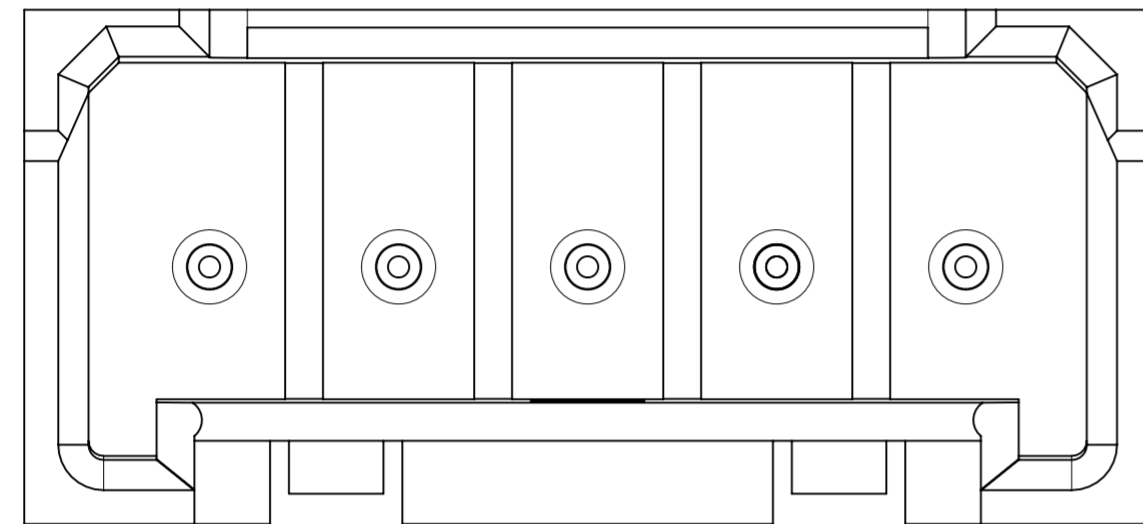
TABLE 1

部品 PART	材料 MATERIAL
① プラグハウジング PLUG HOUSING	ポリエステル ガラス含有 UL94 V-0 色 : ナチュラル(白) POLYESTER(PBT),GLASS FILLED,UL94 V-0,COLOR:NATURAL(WHITE)
② プラグピン PLUG PIN	りん青銅 PHOSPHOR BRONZE
	錫めっき : 1.0MICRO METER MINIMUM. TIN PLATING : 1.0MICRO METER MINIMUM.
	銅めっき(下地めっき):0.5MICRO METER MINIMUM COPPER PLATING(UNDER PLATING):0.5MICRO METER MINIMUM.

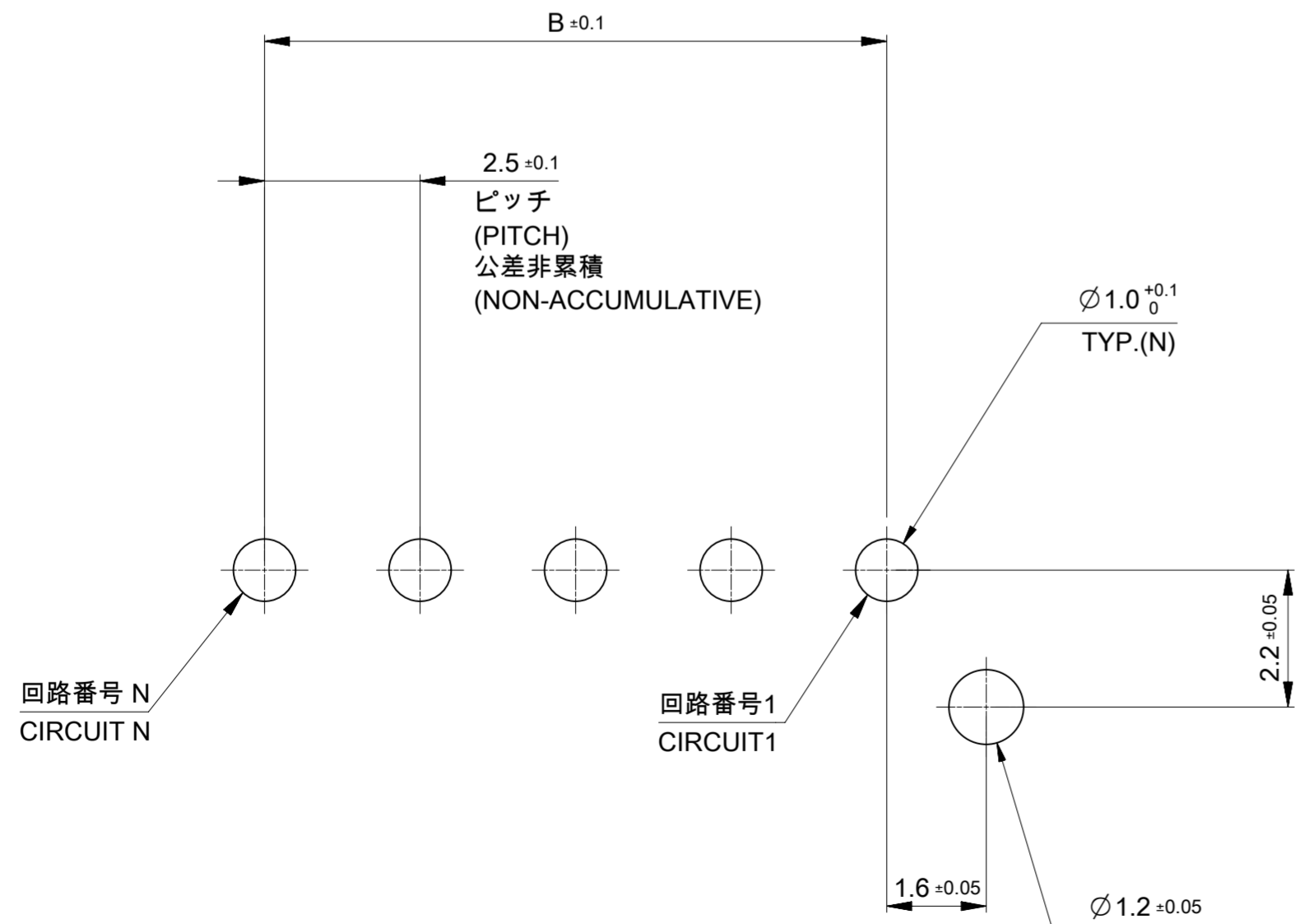
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0°				EC NO: 659548					
4 PLACES ± 0.2		DRWN: RWATANABE01		2021/03/30					
3 PLACES ± 0.2		CHK'D: AIDA		2021/04/06					
2 PLACES ± 0.2		APPR: SAKIYAMA		2021/04/06					
1 PLACE ± 0.2		INITIAL REVISION:							
0 PLACES ± 0.2		DRWN: RWATANABE01		2019/05/24					
		APPR: SAKIYAMA		2020/09/28					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
		A2-SIZE		53375		MATERIAL NUMBER		CUSTOMER	
						533750000-SD		GENERAL	
						DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
						PSD		000 C	
						SHEET NUMBER		1 OF 2	



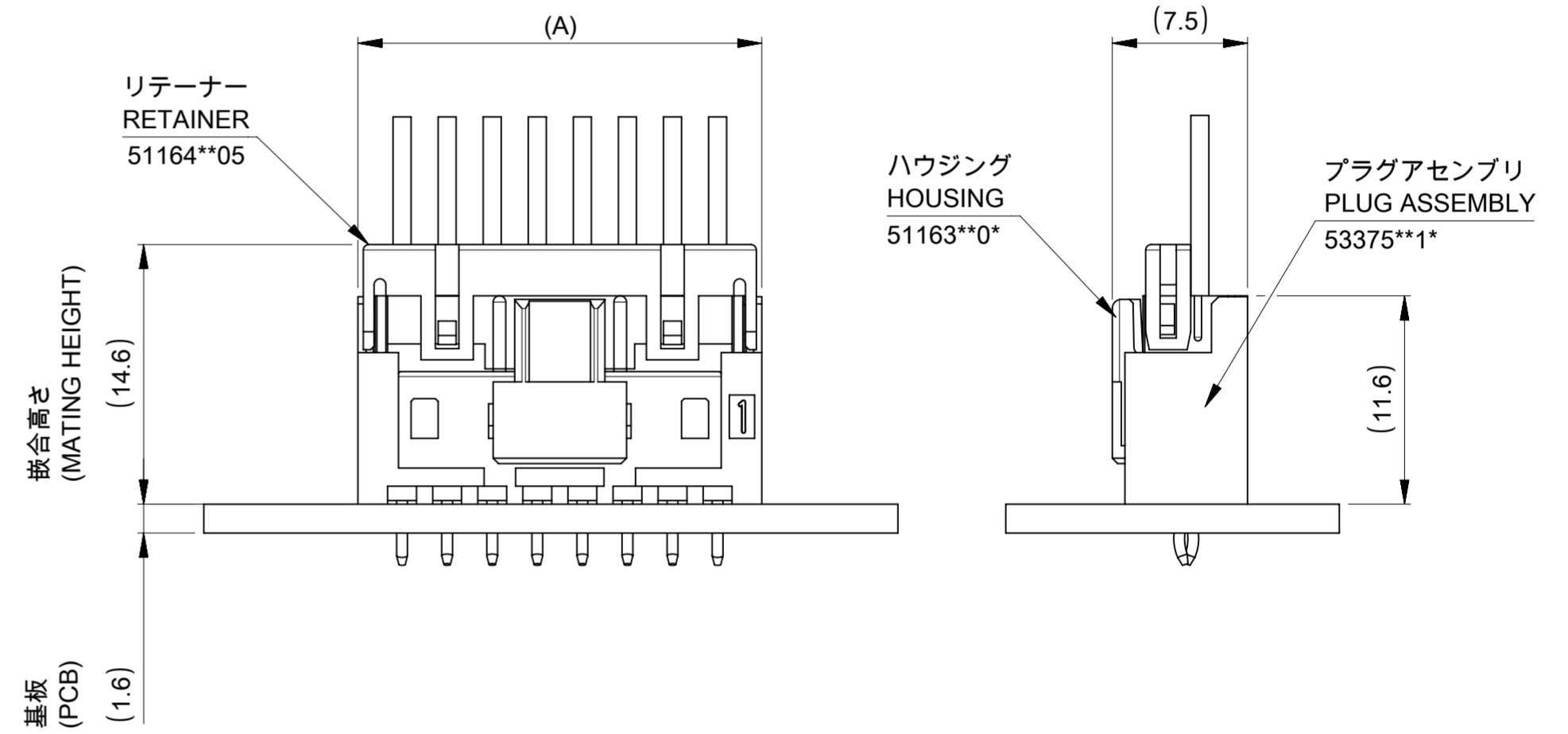
ロック形状図
LOCK CONFIGURATION



製品レイアウト
PRODUCT LAYOUT



基板取付穴推奨寸法(マウント面)
RECOMMENDED PCB HOLE DIMENSION
(MOUNTING SIDE), (t=1.6)

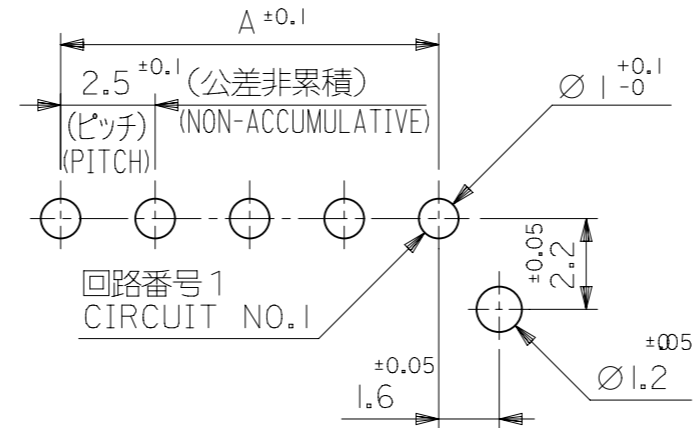
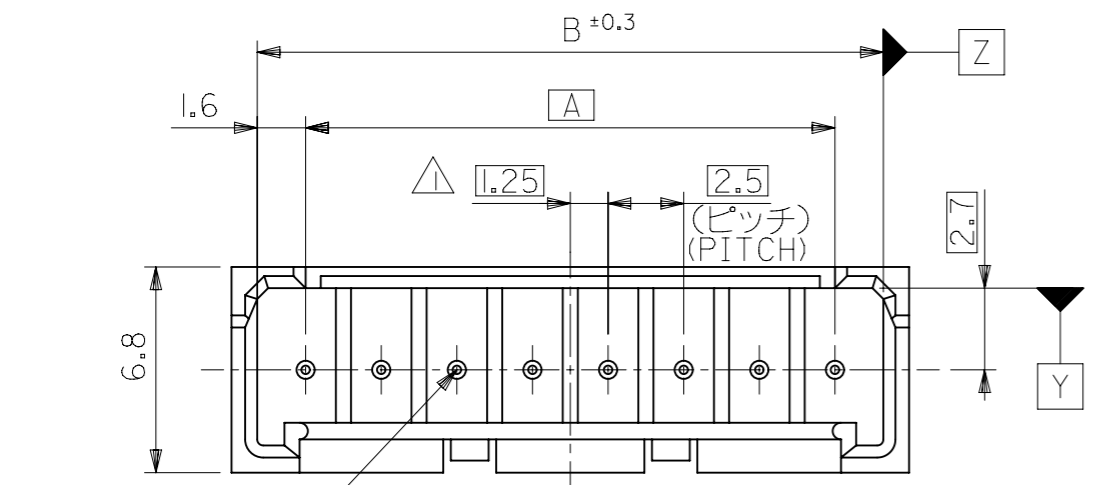


嵌合図
MATED CONNECTORS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																					
DIMENSION UNITS		SCALE		CURRENT REV DESC:																																	
mm		NTS		<table border="1"> <tr> <td colspan="4">molex</td> </tr> <tr> <td colspan="4">MINI-LOCK 2.5 W/B SINGLE ROW VERTICAL PLUG ASSEMBLY</td> </tr> <tr> <td colspan="4">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>REVISION</td> </tr> <tr> <td>533750000-SD</td> <td>PSD</td> <td>000</td> <td>C</td> </tr> <tr> <td>MATERIAL NUMBER</td> <td>CUSTOMER</td> <td colspan="2">SHEET NUMBER</td> </tr> <tr> <td>53375</td> <td>GENERAL</td> <td colspan="2">2 OF 2</td> </tr> </table>						molex				MINI-LOCK 2.5 W/B SINGLE ROW VERTICAL PLUG ASSEMBLY				PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	533750000-SD	PSD	000	C	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		53375	GENERAL	2 OF 2	
molex																																					
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533750000-SD	PSD	000	C																																		
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0 PLACES	± 0.2	INITIAL REVISION:																																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																														
			A2-SIZE	53375		GENERAL	2 OF 2																														

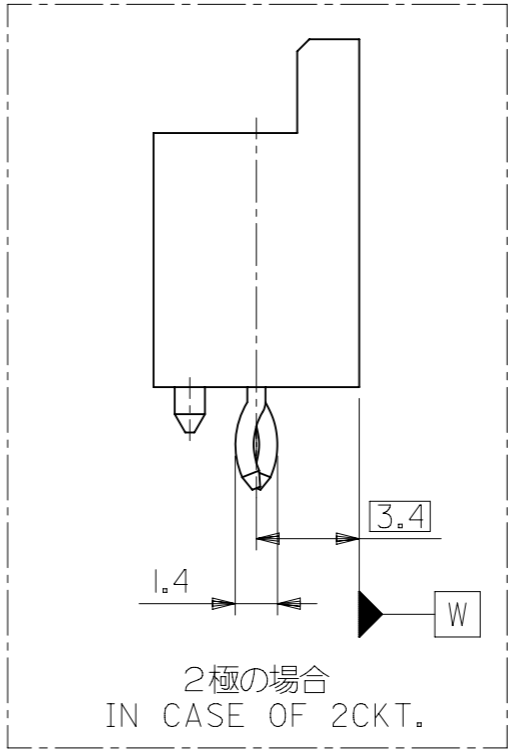
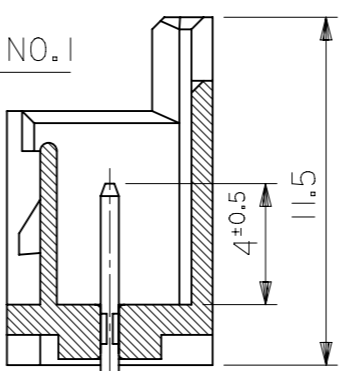
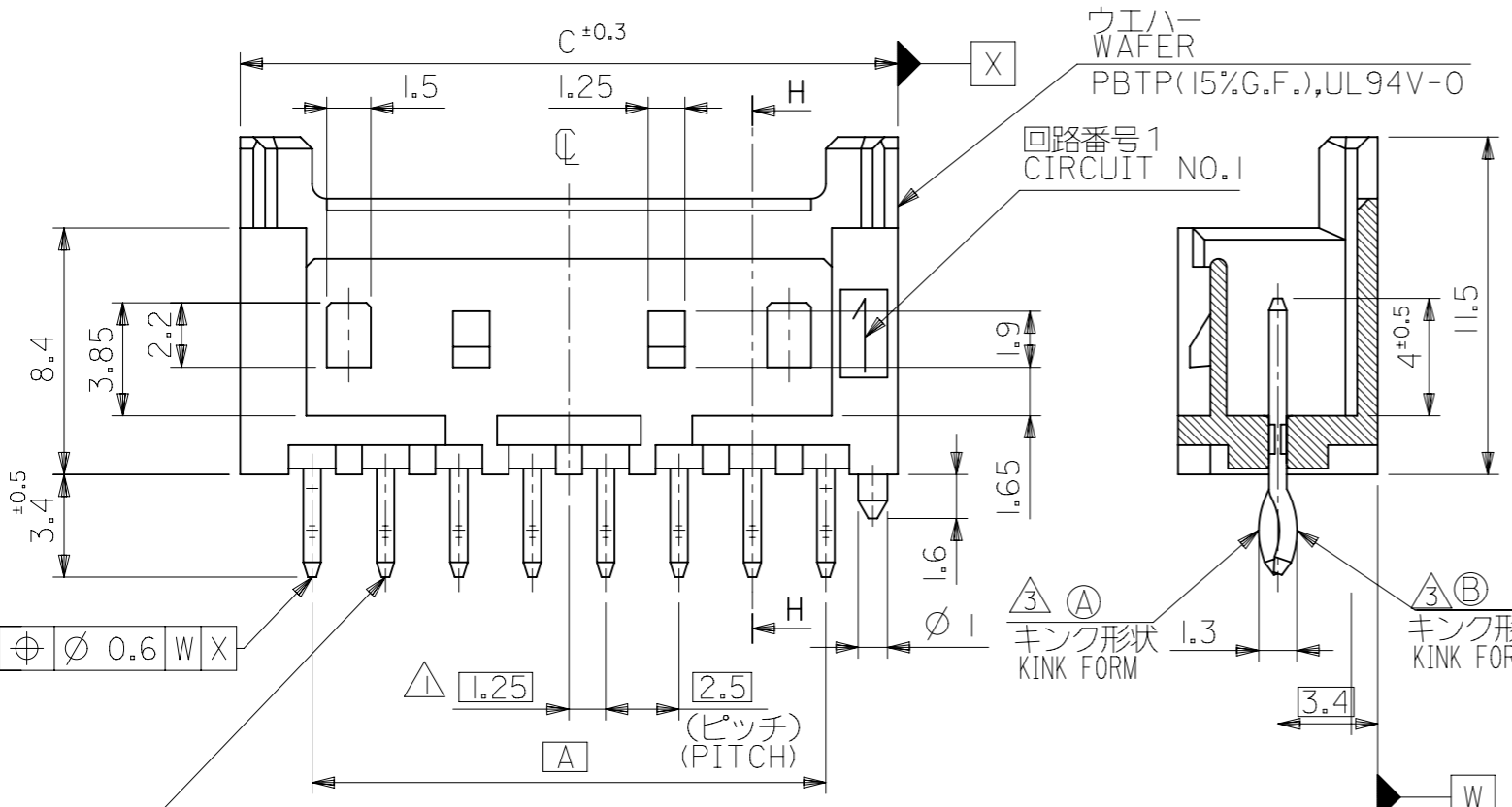
注記
NOTES

- △ 偶数極品に適用。
APPLIES ONLY TO EVEN NO. CKT. SIZES.
- 2. 嵌合相手：51103 シリーズ
MATES WITH : 51103 SERIES.
- △ 3極以上のキック形状は両サイドが(A)、その他の極はすべて(B)形状とする。
KINK FORM
MORE THAN 2 CURCUIT:
PINS AT BOTH ENDS ARE KINK FORMED TO (A),
THE OTHER PINS ARE KINK FORMED TO (B).
- 4. 製品番号の下1桁は色を表します。
LAST DIGIT OF PART NUMBER INDICATES COLOR.
0: 白 WHITE 1: 黒 BLACK 2: 赤 RED
3: 黄 YELLOW 4: 青 BLUE
- 5. 材料 ウエハー : PBTP(15%G.F.), UL94V-0
WAFER
ピン : リン青銅 錫メッキ 1.0μm以上
下地銅メッキ 0.5μm以上
PIN : PHOSPHOR BRONZE,
TIN 1.0 micrometer MINIMUM
OVER COPPER 0.5 micrometer MINIMUM
PLATING.



基板取付穴推奨寸法 (マウント面)
RECOMMENDED P.C. BOARD HOLE DIMENSION
(MOUNTING SIDE)
(τ=1.6) (SCALE 5 : 1)

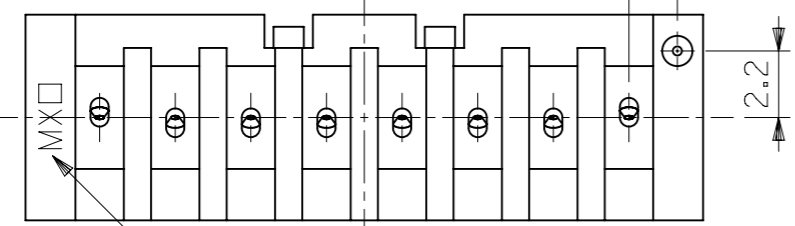
⊕ Ø 0.5 Y Z



⊕ Ø 0.6 W X

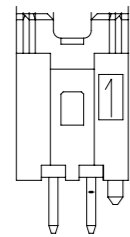
ピン (Ø0.6)
PIN

リン青銅、錫メッキ材
PHOS. BRO., PRE-TINNED

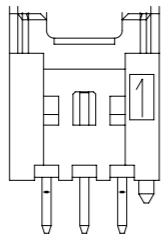


39.9	38.2	35	53375-151*	15
37.4	35.7	32.5	-141*	14
34.9	33.2	30	-131*	13
32.4	30.7	27.5	-121*	12
29.9	28.2	25	-111*	11
27.4	25.7	22.5	-101*	10
24.9	23.2	20	-091*	9
22.4	20.7	17.5	-081*	8
19.9	18.2	15	-071*	7
17.4	15.7	12.5	-061*	6
14.9	13.2	10	-051*	5
12.4	10.7	7.5	-041*	4
9.9	8.2	5	-031*	3
7.4	5.7	2.5	53375-021*	2
C	B	A	POLY BAG PACKAGE ORDER NO. MODEL NO. 53375-***1*	極数 NO. OF CKTS.

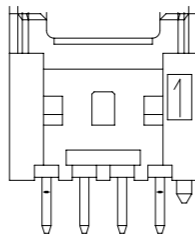
GENERAL TOLERANCES (UNLESS SPECIFIED) 10 UNDER ±0.2 10 OVER 30 UNDER ±0.25 30 OVER ±0.3 ANGULAR ±3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIMENSION UNITS: mm SCALE: 4:1 GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0 PLACES ± ANGULAR TOL. ± 3.0° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CURRENT REV DESC: OBSOLETE PART NO EC NO: 629832 DRWN: VLOKESHA 2019/12/13 CHK'D: GGA 2020/01/22 APPR: GGA 2020/01/22 INITIAL REVISION: DRWN: K.TOJO 1992/05/06 APPR: M.FUKUSUMA 1994/03/08 THIRD ANGLE PROJECTION DRAWING: A3-SIZE SERIES: 53375		molex 2.5 W/B CONN WAFER ASSY WITH KINK -LEAD FREE- PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-53375-001 DOC TYPE: PSD DOC PART: 001 REVISION: H1 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2	
--	--	---	--	---	--	--	--



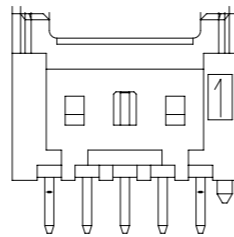
2極
2 CKT.



3極
3 CKT.



4極
4 CKT.



5極
5 CKT.

□ツク形状図
LOCK CONFIGURATION

53375-1510	15
53375-1410	14
53375-1310	13
53375-1210	12
53375-1110	11
53375-1010	10
53375-0910	9
53375-0810	8
53375-0710	7
53375-0610	6
53375-0510	5
53375-0410	4
53375-0310	3
53375-0210	2
53375**10 COLOR : WHITE	CKT.
TRAY PACKAGE ORDER No.	
MODEL NO.	53375-**1*

GENERAL TOLERANCES (UNLESS SPECIFIED)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex	
10 UNDER ±0.2		CURRENT REV DESC: OBSOLETE PART NO			
10 OVER 30 UNDER ±0.25		SCALE 4:1		EC NO: 629832	
30 OVER ±0.3		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: VLOKESHA 2019/12/13	
ANGULAR ±3°		MM INCH		CHK'D: GGA 2020/01/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		4 PLACES ± 0.2 ±		APPR: GGA 2020/01/22	
		3 PLACES ± 0.25 ±		INITIAL REVISION:	
		2 PLACES ± 0.3 ±		DRWN: K.TOJO 1992/05/06	
		1 PLACE ± ±		APPR: M.FUKUSUMA 1994/03/08	
		0 PLACES ± ±		DOCUMENT NUMBER	
		ANGULAR TOL ± 3.0°		SD-53375-001	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOC TYPE DOC PART REVISION	
		THIRD ANGLE PROJECTION		PSD 001 H1	
		DRAWING		MATERIAL NUMBER	
		A3-SIZE		SEE TABLE	
		SERIES		CUSTOMER	
		53375		GENERAL MARKET	
				SHEET NUMBER	
				2 OF 2	