

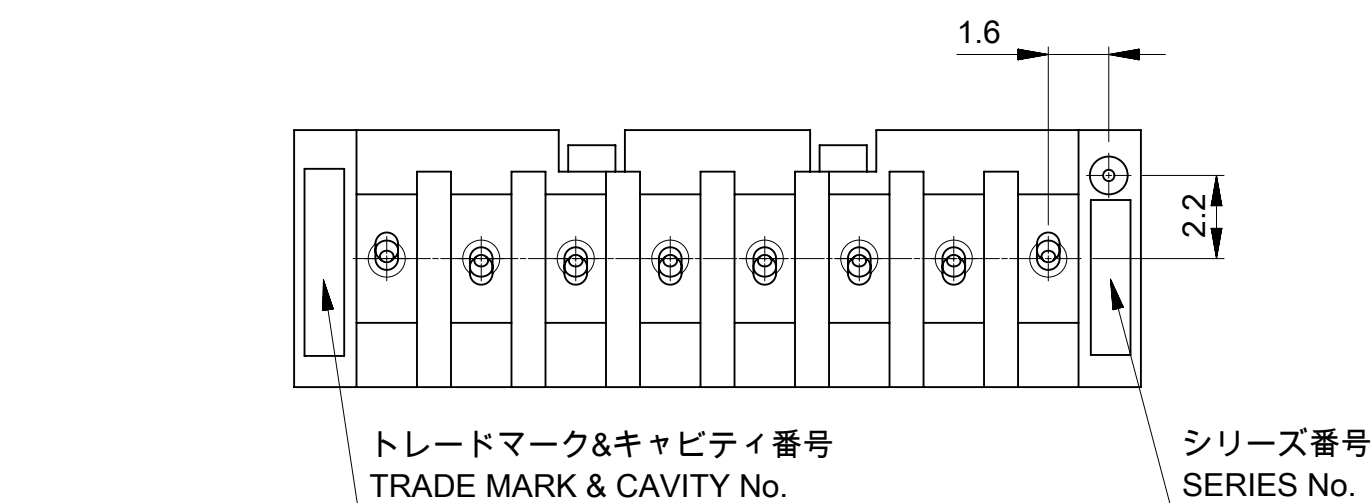
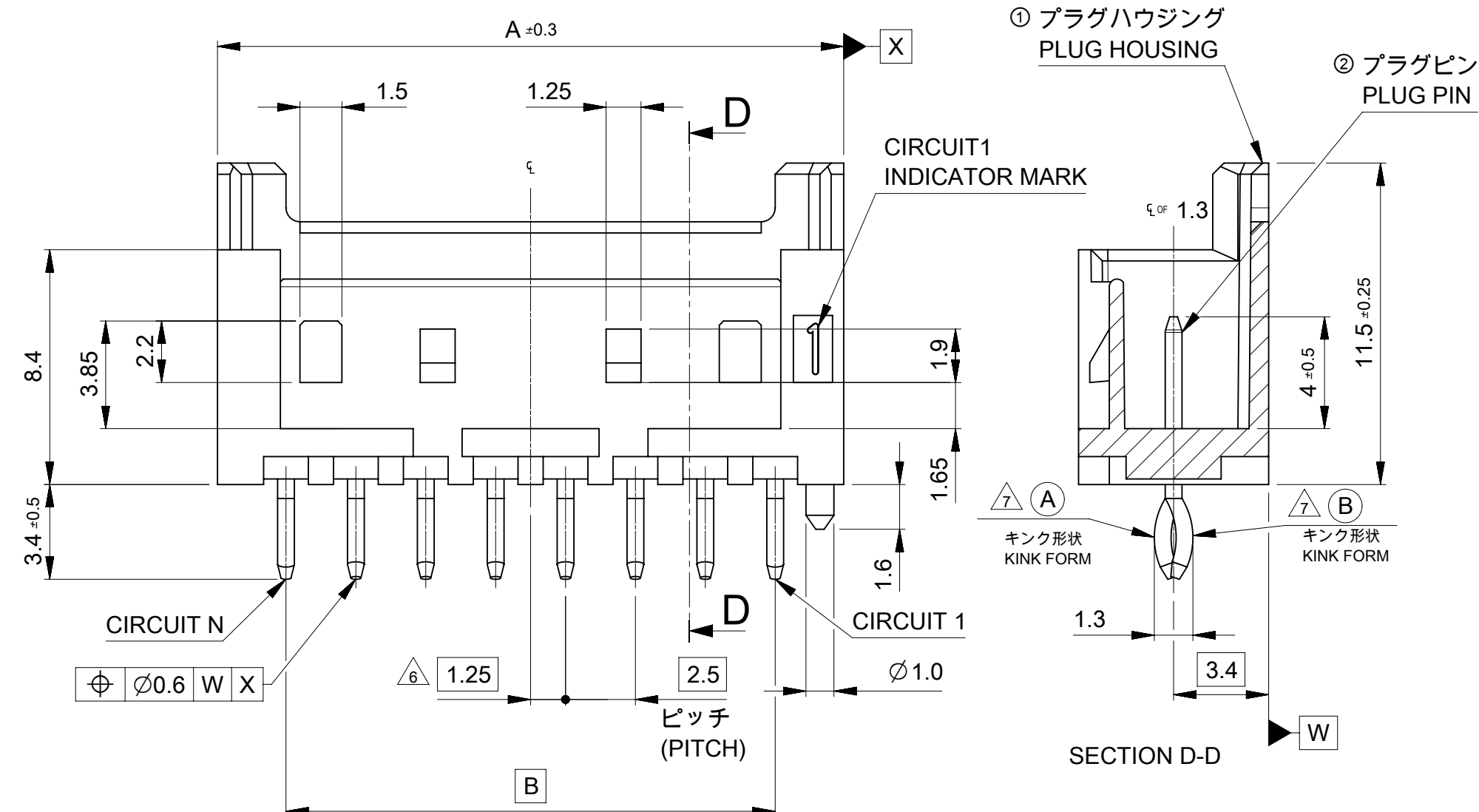
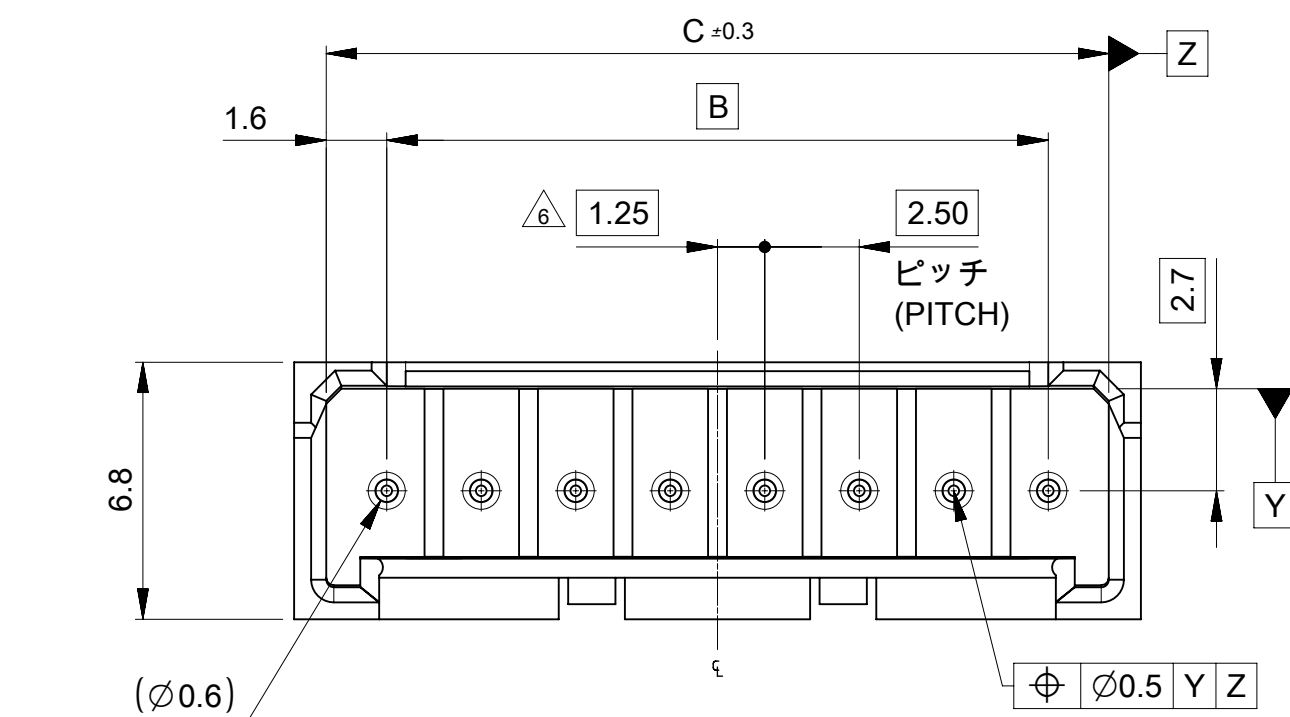
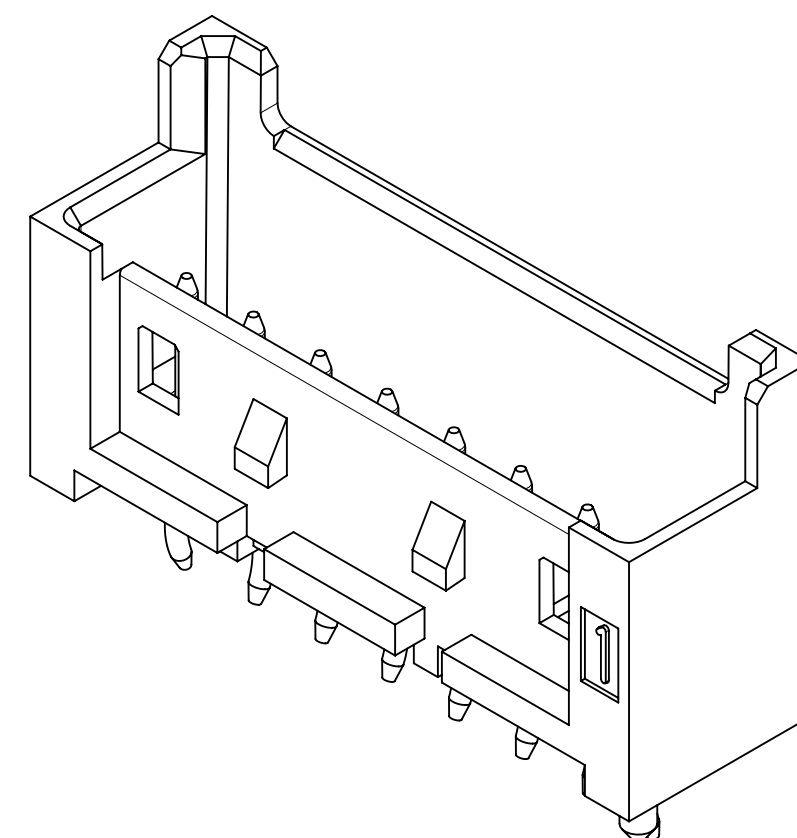


 TABLE 1

部品 PART		材料 MATERIAL					
A	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.				
	DOCUMENT STATUS		P1	RELEASE DATE	2020/12/18	05:35:05	

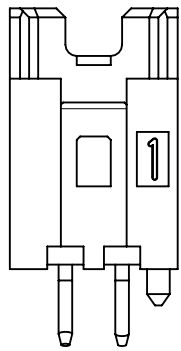
NOTES

- ④ 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極以上のクラン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 CIRCUIT :
PINS AT BOTH ENDS ARE KINK FORMED TO (A) .
THE OTHER PINS ARE KINK FORMED TO (B) .

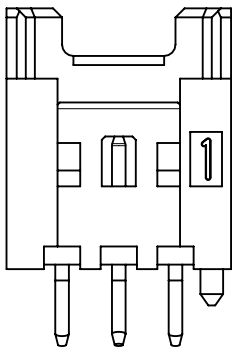


			HOUSING COLOR	
			NATURAL(WHITE)	
38.2	35	39.9	533751510	15
35.7	32.5	37.4	533751410	14
33.2	30	34.9	533751310	13
30.7	27.5	32.4	533751210	12
28.2	25	29.9	533751110	11
25.7	22.5	27.4	533751010	10
23.2	20	24.9	533750910	9
20.7	17.5	22.4	533750810	8
18.2	15	19.9	533750710	7
15.7	12.5	17.4	533750610	6
13.2	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 CIRCUIT SIZE
			梱包形態：トレイ PACKAGE:TRAY	

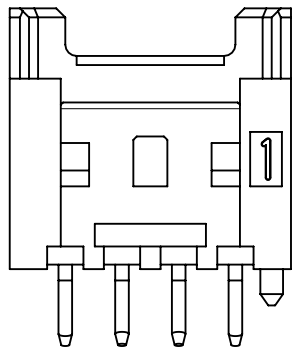
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 650566 DRWN: RWATANABE012020/12/03 CHK'D: AIDA2020/12/18 APPR: SAKIYAMA2020/12/18 INITIAL REVISION: DRWN: RWATANABE012019/05/24 APPR: SAKIYAMA2020/09/28				MINI-LOCK 2.5 W/B SINGLE ROW VERTICAL PLUG ASSEMBLY							
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING							
4 PLACES ± 0.2		3 PLACES ± 0.2						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
3 PLACES ± 0.2		2 PLACES ± 0.2						533750000-SD		PSD		000		B	
2 PLACES ± 0.2		1 PLACE ± 0.2													
1 PLACE ± 0.2		0 PLACES ± 0.2													
0 PLACES ± 0.2															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A2-SIZE		SERIES 53375		MATERIAL NUMBER		CUSTOMER GENERAL		SHEET NUMBER 1 OF 2	



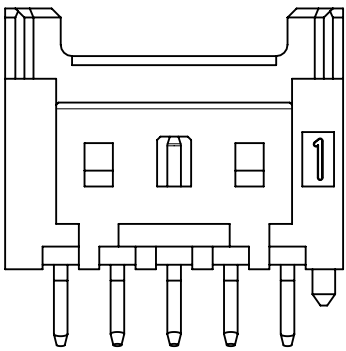
2CIRCUIT



3CIRCUIT

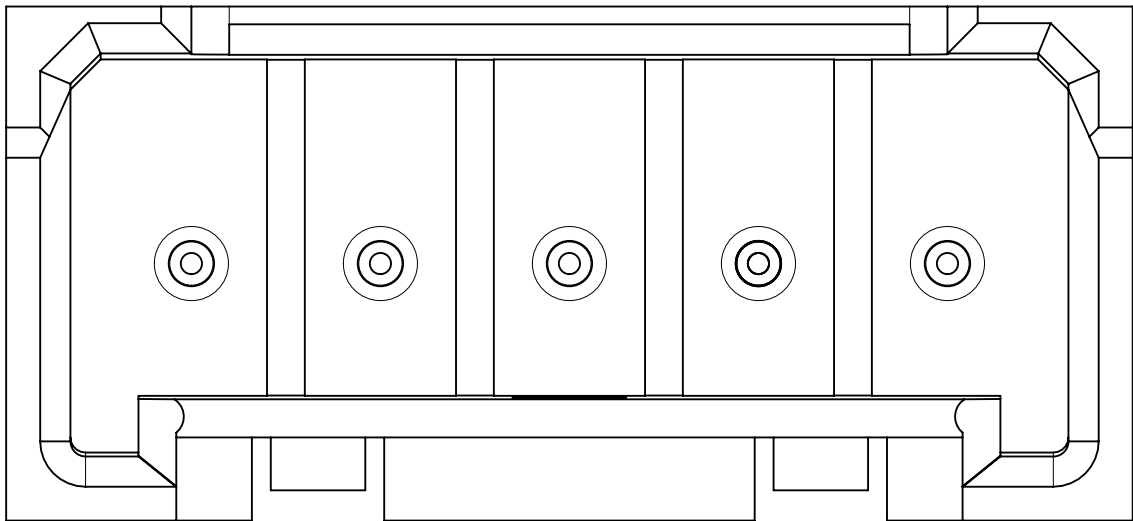


4CIRCUIT

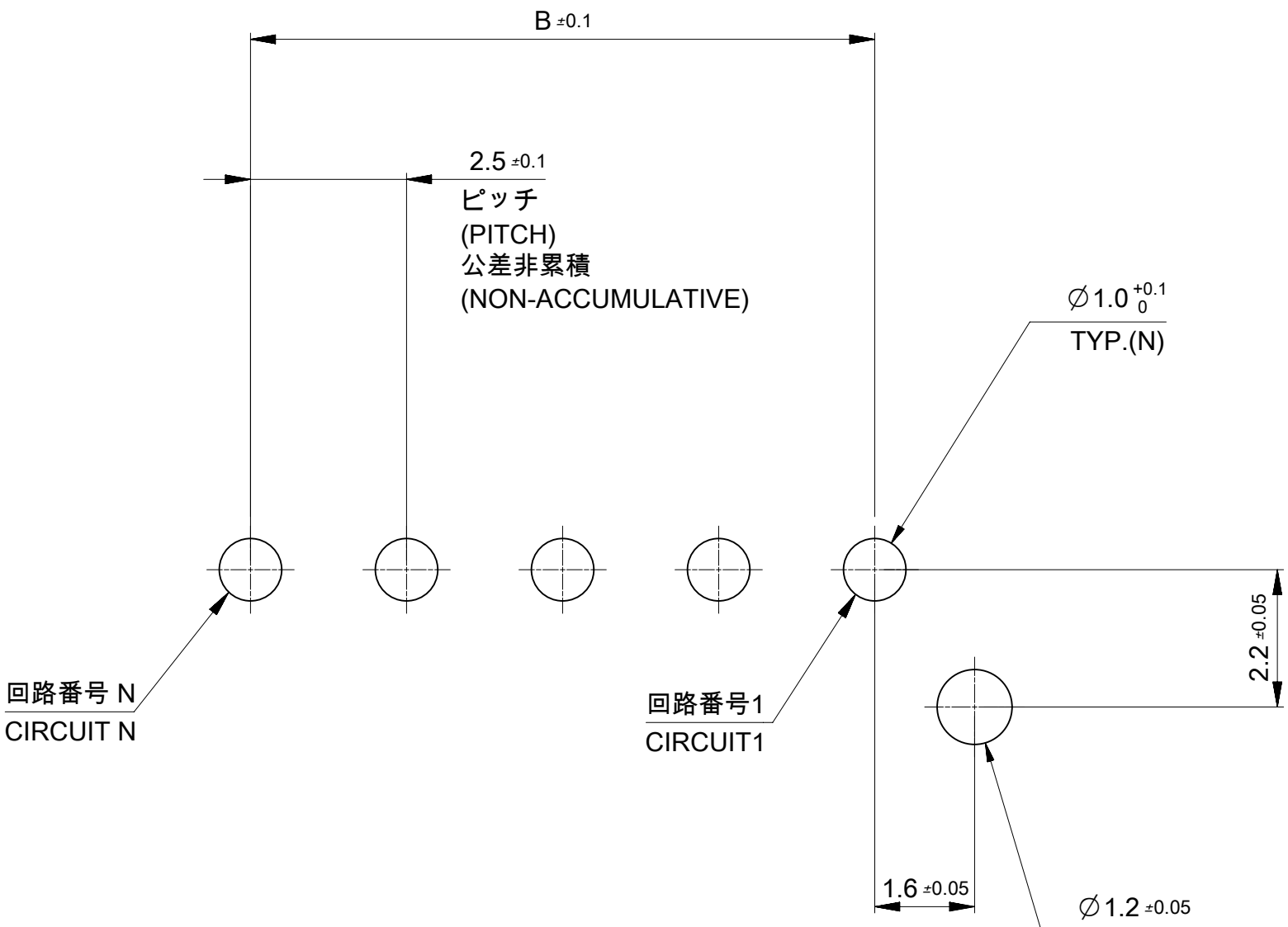


5-15CIRCUIT

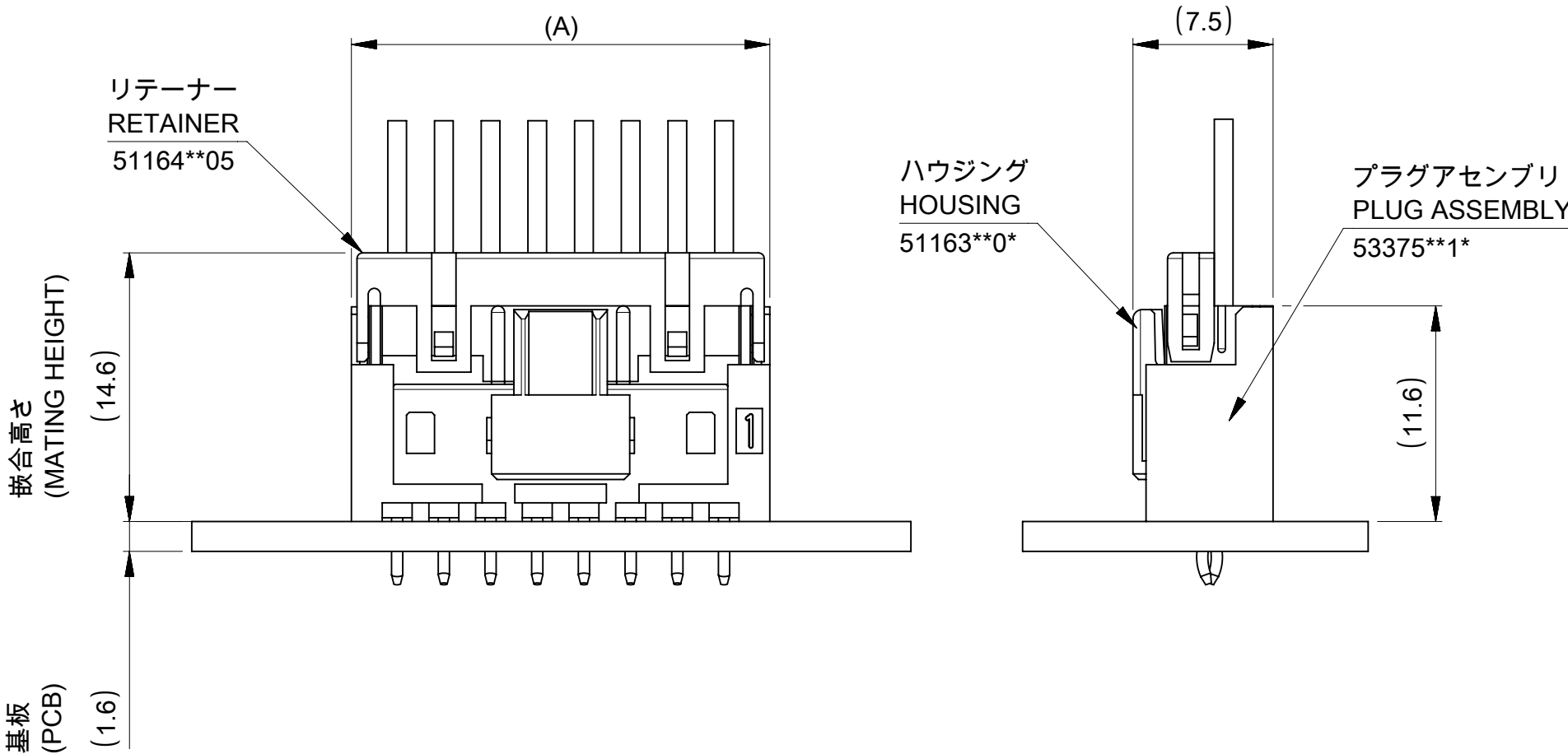
ロック形状図
LOCK CONFIGURATION



製品レイアウト
PRODUCT LAYOUT



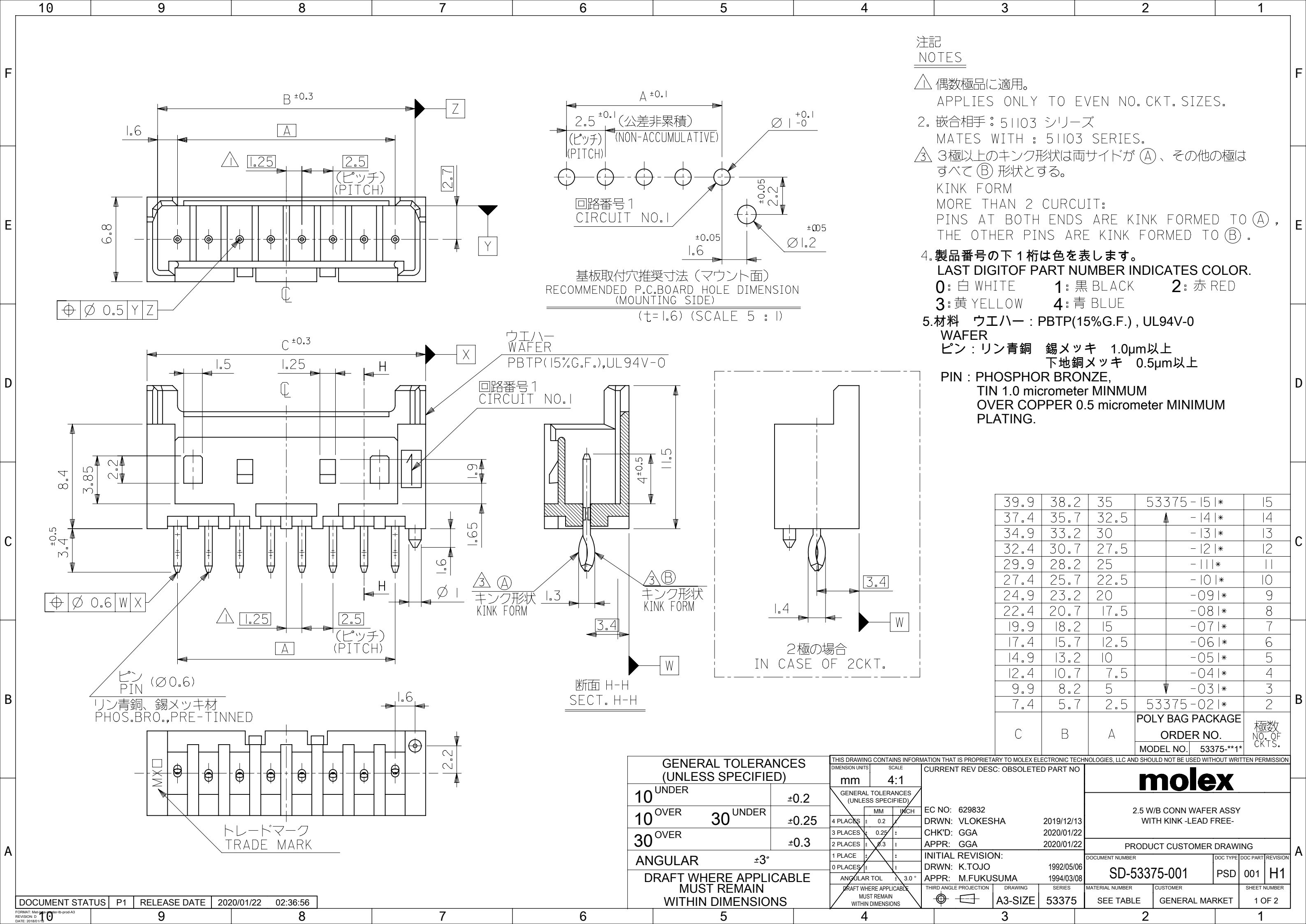
基板取付穴推奨寸法(マウント面)
RECOMMENDED PCB HOLE DIMENSION
(MOUNTING SIDE) , (t=1.6)



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:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 650566 DRWN: RWATANABE01 2020/12/03 CHK'D: AIDA 2020/12/18 APPR: SAKIYAMA 2020/12/18 INITIAL REVISION: DRWN: RWATANABE01 2019/05/24 APPR: SAKIYAMA 2020/09/28											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2													
0 PLACES		± 0.2													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A2-SIZE		53375				GENERAL	

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/18	05:35:05
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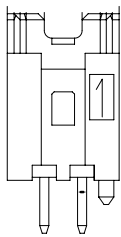


注記
NOTES

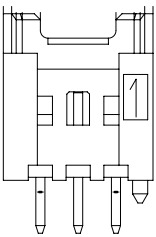
- △ 偶数極品に適用。
APPLIES ONLY TO EVEN NO. CKT. SIZES.
2. 嵌合相手：51103 シリーズ
MATES WITH : 51103 SERIES.
- △ 3極以上のキンク形状は両サイドが ㊤、その他の極はすべて ㊦ 形状とする。
KINK FORM
MORE THAN 2 CURCUIT:
PINS AT BOTH ENDS ARE KINK FORMED TO ㊤, THE OTHER PINS ARE KINK FORMED TO ㊦.
4. 製品番号の下1桁は色を表します。
LAST DIGIT OF PART NUMBER INDICATES 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.

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.

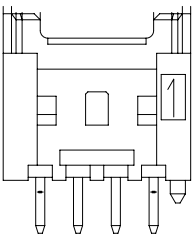
GENERAL TOLERANCES (UNLESS SPECIFIED)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: OBSOLETE PART NO		molex			
DIMENSION UNITS		SCALE		EC NO: 629832		2.5 W/B CONN WAFER ASSY WITH KINK -LEAD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



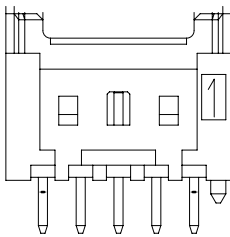
2極
2 CKT.



3極
3 CKT.



4極
4 CKT.



5極
5 CKT.

□ツフ形状図
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									
		DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO					
10 ^{UNDER}		±0.2		mm							
10 ^{OVER} 30 ^{UNDER}		±0.25		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 629832 DRWN: VLOKESHA 2019/12/13 CHK'D: GGA 2020/01/22 APPR: GGA 2020/01/22					
30 ^{OVER}		±0.3									
ANGULAR ±3°						PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
						DOCUMENT NUMBER					
						SD-53375-001					
						DOC TYPE					
						PSD					
						DOC PART					
						001					
						REVISION					
						H1					
						MATERIAL NUMBER					
						SEE TABLE					
						CUSTOMER					
						GENERAL MARKET					
						SHEET NUMBER					
						2 OF 2					

molex

2.5 W/B CONN WAFER ASSY
WITH KINK -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53375-001	PSD	001	H1