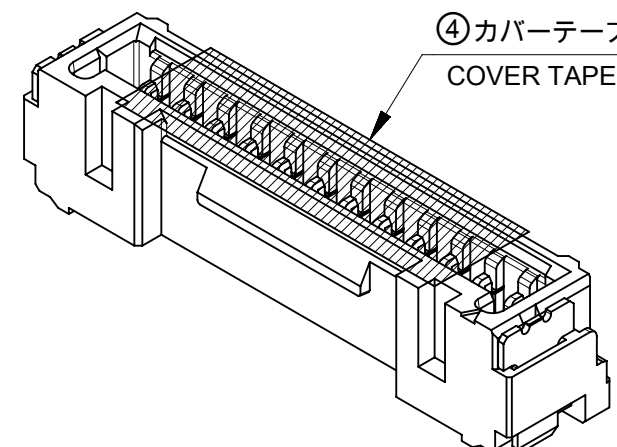
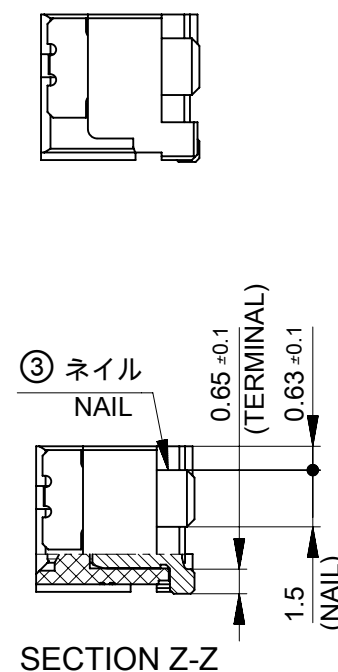
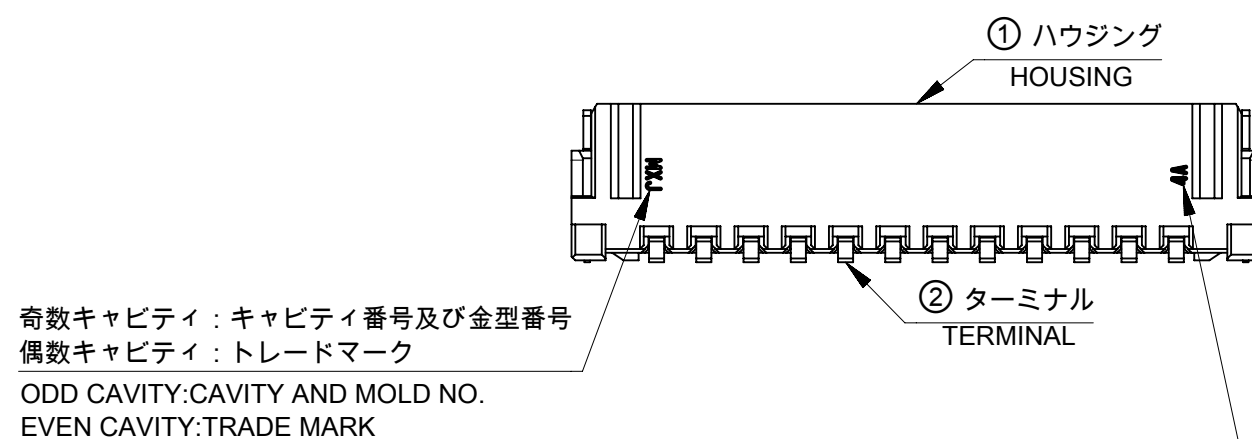
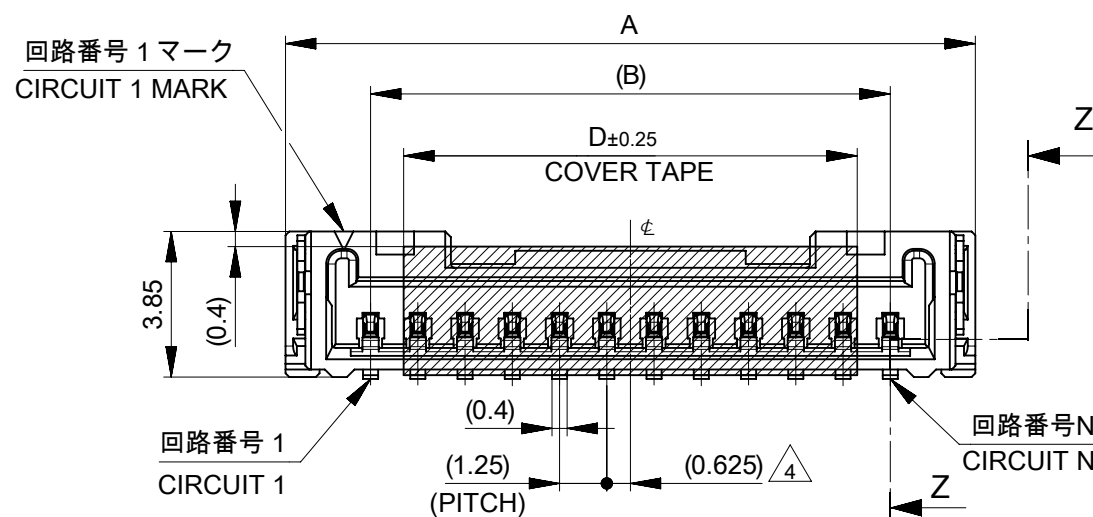
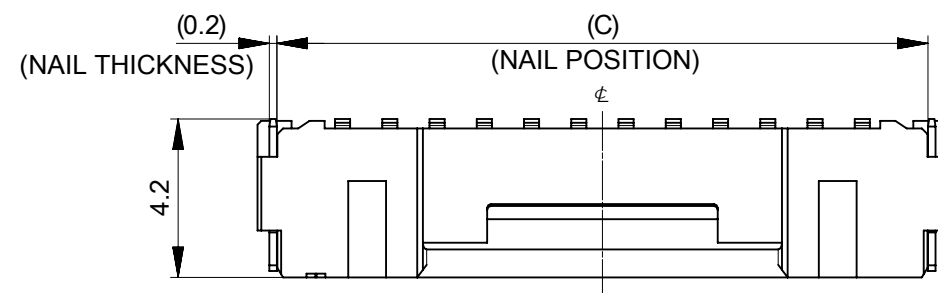




注記：
NOTES：

- ① 材料及び仕上げ(めっき仕様) : TABLE 1, TABLE2 参照
MATERIAL AND FINISHES (PLATING SPECIFICATION) : SEE TABLE 1, TABLE2.
- ② 製品仕様書、コネクタ取扱説明書、適合嵌合相手、適合リテーナーはSHEET 5を
ご参照下さい。
PLEASE REFER TO SHEET 5 FOR PRODUCT SPECIFICATION,
APPLICATION SPECIFICATION, MATE WITH AND APPLICABLE RETAINER.
- ③ 端子テール部 及び ネイルの平坦度 : 0.1 MAXIMUM
TAIL AND NAIL COPLANARITY TO BE 0.1 MAXIMUM
- ④ 偶数極に適合
APPLY TO EVEN CIRCUIT
- ⑤ 発注番号 : SHEET 5 参照
ORDER NUMBER : PLEASE REFER TO SHEET 5

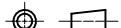
505568**7*

極数 CIRCUIT SIZE	番号 NO.	ハウジングカラー HOUSING COLOR
	0	ナチュラル (ベージュ) NATURAL(BEIGE)
	1	黒 BLACK
	2	赤 RED
	3	黄 YELLOW
	4	青 BLUE
	6	緑 GREEN
	8	橙 ORANGE

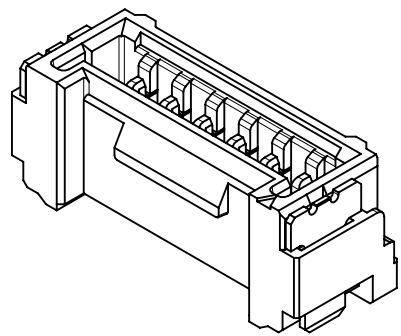
22.2	18.75	23.25	16
20.95	17.5	22	15
19.7	16.25	20.75	14
18.45	15	19.5	13
17.2	13.75	18.25	12
15.95	12.5	17	11
14.7	11.25	15.75	10
13.45	10	14.5	9
12.2	8.75	13.25	8
10.95	7.5	12	7
9.7	6.25	10.75	6
8.45	5	9.5	5
7.2	3.75	8.25	4
5.95	2.5	7	3
4.7	1.25	5.75	2
C	B	A	極數 CIRCUIT SIZE

 TABLE 1

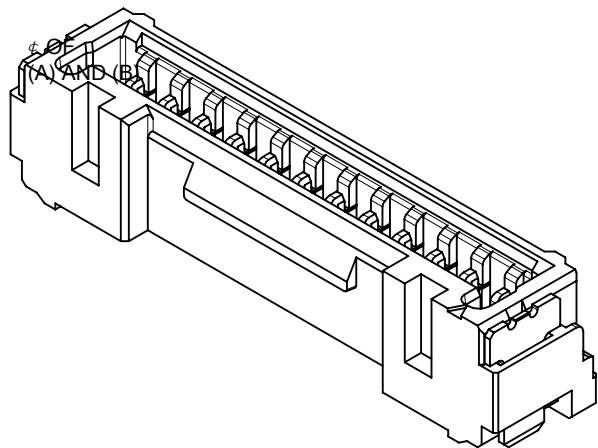
番号 NO.	部品 PART	材質 MATERIAL
B	① ハウジング HOUSING	ポリアミド(PA), ガラス充填, UL94 V-0, 色 : SHEET 5参照 POLYAMIDE (PA), GLASS FILLED, UL94 V-0, COLOR : SEE SHEET 5
	② ターミナル TERMINAL	黄銅 BRASS
		錫ビスマスめっき : 1.0 MICROMETER MINIMUM TIN-BISMUTH PLATING ニッケルめっき(下地全面) : 1.0 MICROMETER MINIMUM NICKEL (UNDER-PLATING OVERALL)
A	③ ネイル NAIL	黄銅 BRASS
		錫めっき : 1.0 MICROMETER MINIMUM MATTE TIN PLATING ニッケルめっき(下地全面) : 1.0 MICROMETER MINIMUM NICKEL (UNDER-PLATING OVERALL)
	④ カバーテープ COVER TAPE	ポリイミド POLYIMIDE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
DIMENSION UNITS mm		SCALE NTS		 molex MICRO-LOCK PLUS 1.25 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY TIN-BISMUTH PLATING			
GENERAL TOLERANCES (UNLESS SPECIFIED)							
ANGULAR TOL ± 3.0 °							
4 PLACES ± 0.2							
3 PLACES ± 0.2							
2 PLACES ± 0.2							
EC NO: 812554 DRWN: RAVINR1 2025/01/29 CHK'D: GGA 2025/02/25 APPR: GGA 2025/02/25				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 5055680000-SD DOC TYPE PSD DOC PART 000 REVISION D1			
INITIAL REVISION: DRWN: RWATANABE01 2017/08/28 APPR: TKANEKO 2017/09/26							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING A3-SIZE	SERIES 505568	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL	SHEET NUMBER 1 OF 5

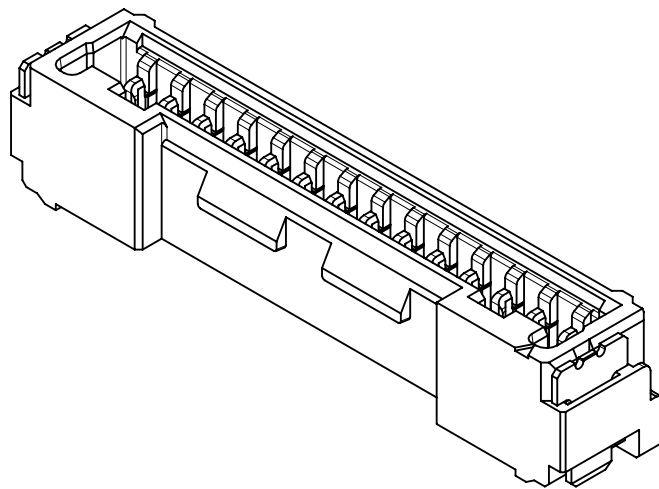
製品形状
PRODUCT SHAPE



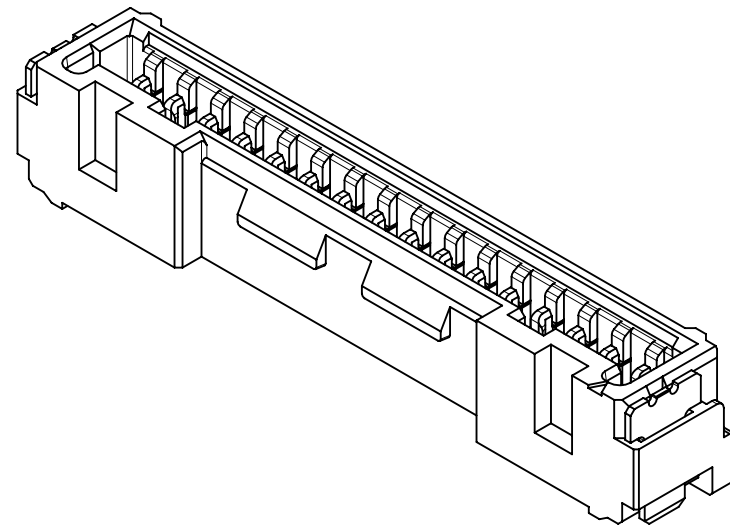
2-11極
2-11 CIRCUIT



12-13極
12-13 CIRCUIT

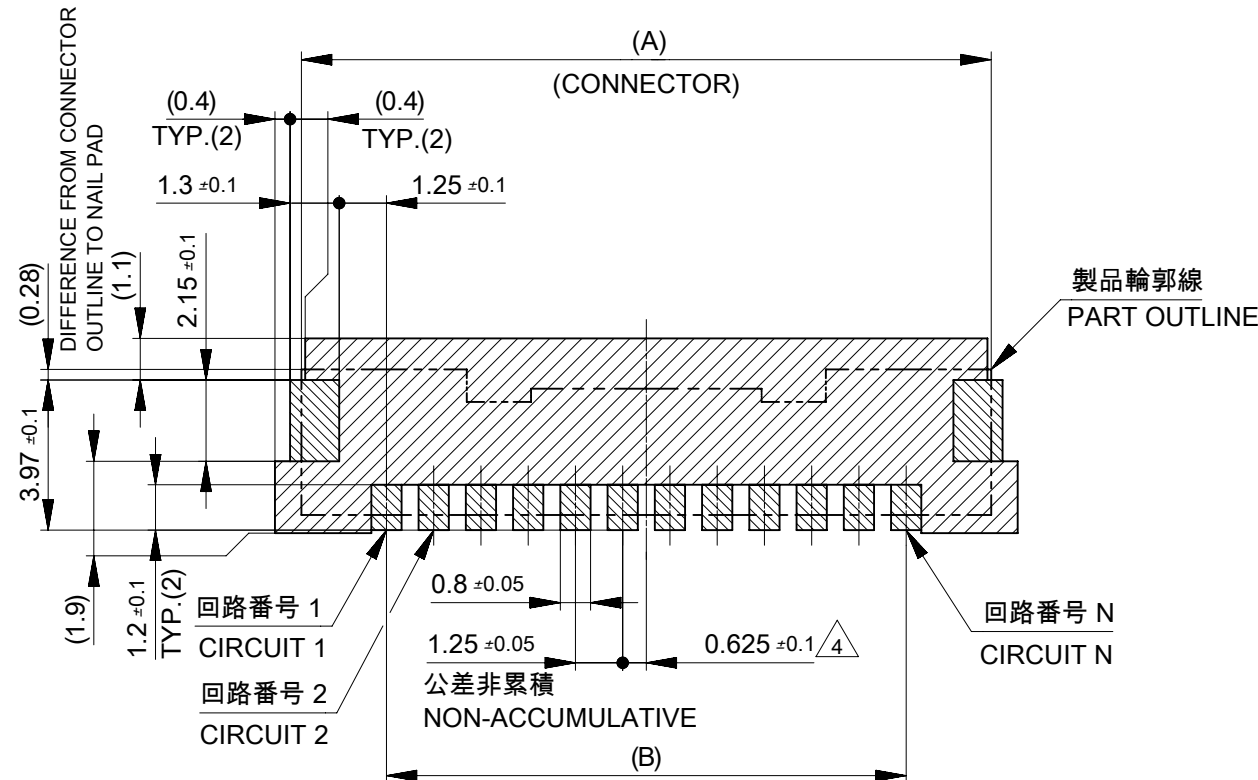


14極
14 CIRCUIT



15-16 極
15-16 CIRCUIT

基板パターンレイアウト
PCB PATTERN LAYOUT



基板パターンレイアウト (参考)
(参考 : 基板厚 1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
RECOMMEND PCB LAYOUT : COMPONENT SIDE
(REFERENCE : PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)

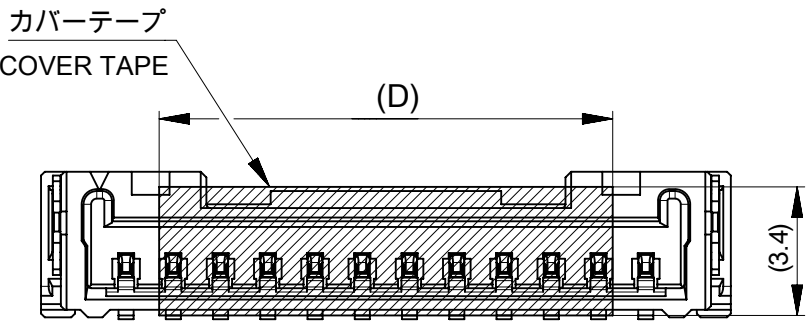


パターン非推奨エリア
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHING AREA.

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.				molex MICRO-LOCK PLUS 1.25 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY TIN-BISMUTH PLATING		
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± 3.0 °										
4 PLACES		±	0.2	EC NO: 812554 DRWN: RAVINR12025/01/29 CHK'D: GGA2025/02/25 APPR: GGA2025/02/25		PRODUCT CUSTOMER DRAWING				
3 PLACES		±	0.2							
2 PLACES		±	0.2							
1 PLACE		±	0.2	INITIAL REVISION: DRWN: RWATANABE012017/08/28 APPR: TKANEKO2017/09/26		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±	0.2			5055680000-SD		PSD	000	D1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A3-SIZE	505568	SEE TABLE		GENERAL		2 OF 5

10 9 8 7 6 5 4 3 2 1

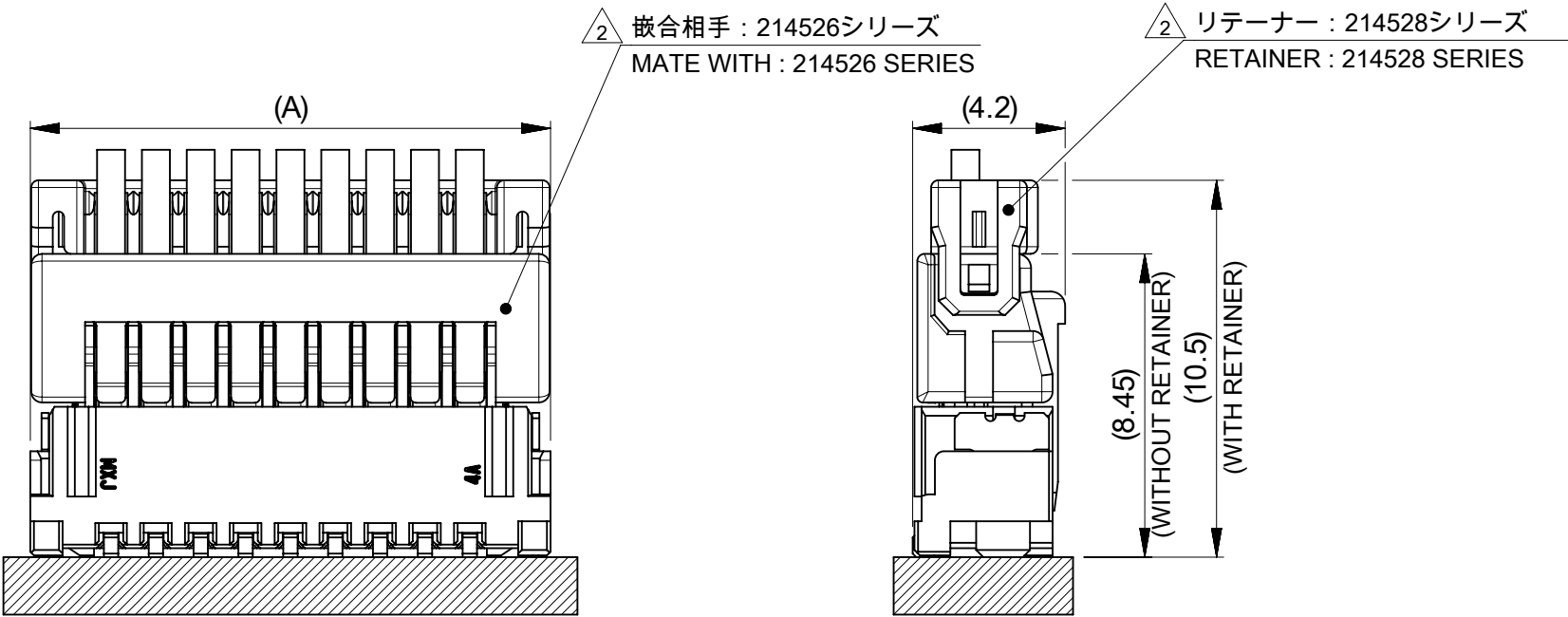
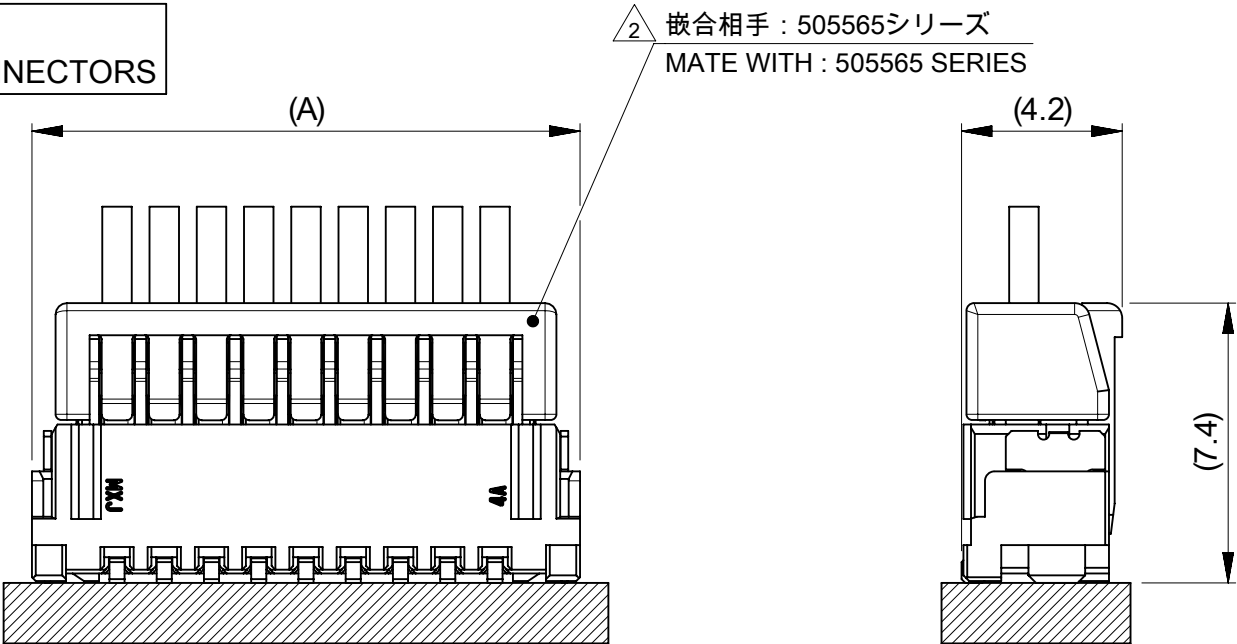
吸着エリア
SUCTION AREA



D

C

嵌合状態図
MATED CONNECTORS



C

B

12	16
	15
	14
	13
	12
	11
10	10
	9
	8
8	7
	6
	5
	4
7	3
	2
5	
D	極数 CIRCUIT SIZE

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 812554 DRWN: RAVINR12025/01/29 CHK'D: GGA2025/02/25 APPR: GGA2025/02/25											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING											
0 PLACES		± 0.2													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION: DRWN: RWATANABE012017/08/28 APPR: TKANEKO2017/09/26				DOCUMENT NUMBER 5055680000-SD		DOC TYPE PSD		DOC PART 000		REVISION D1	
				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 505568		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL		SHEET NUMBER 3 OF 5	

DOCUMENT STATUS

P1

RELEASE DATE

2025/02/25

06:03:56

FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

9

8

7

6

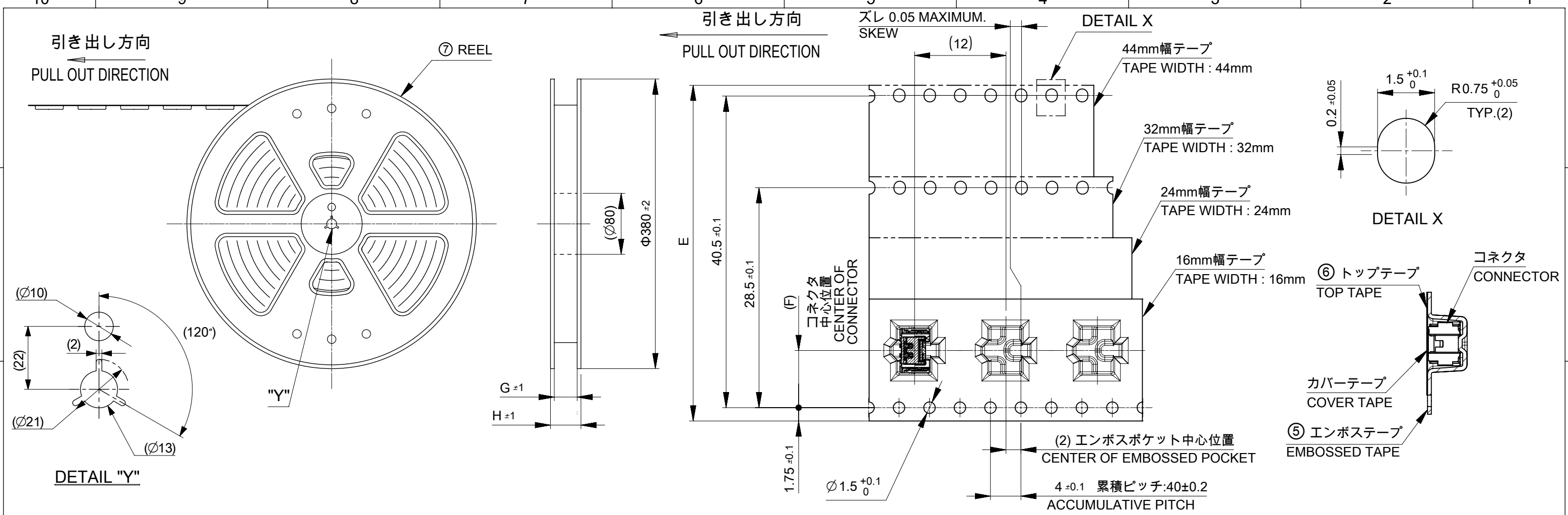
5

4

3

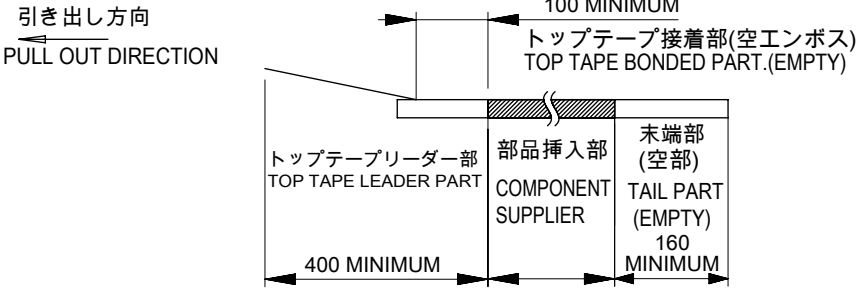
2

1



注記 NOTE

6. 梱包数量 : 1200個 / リール
NUMBER OF CONNECTORS : 1200 PCS/REEL.
7. リードテープ長さ
LEAD TAPE LENGTH.



8. トップテープの剥離強度はIEC60286-3に準拠
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3

1 TABLE 2				
番号 NO.	部品 PART	材質 MATERIAL		
⑤	エンボステープ EMBOSSSED TAPE	ポリスチレン(PS) POLYSTYRENE(PS)		
⑥	トップテープ TOP TAPE	ポリエチレン(PE), その他 POLYETHYLENE(PE), ETC		
⑦	リール REEL	ポリスチレン(PS) <リサイクル材を含む> POLYSTYRENE(PS) < RECYCLE MATERIAL CONTAINED >		
DOCUMENT STATUS		P1	RELEASE DATE	2025/02/25 06:03:56

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.			
mm	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)					
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
			A3-SIZE	505568	SEE TABLE
				CUSTOMER	SHEET NUMBER
				GENERAL	4 OF 5

49.4	45.4	20.2	44±0.3	16
				15
				14
				13
37.4	33.4	14.2	32±0.3	12
				11
				10
				9
				8
				7
29.4	25.4	11.5	24 ^{+0.3} _{-0.1}	6
				5
				4
21.4	17.4	7.5	16 ^{+0.3} _{-0.1}	3
				2
H	G	F	E	極数 CIRCUIT SIZE

