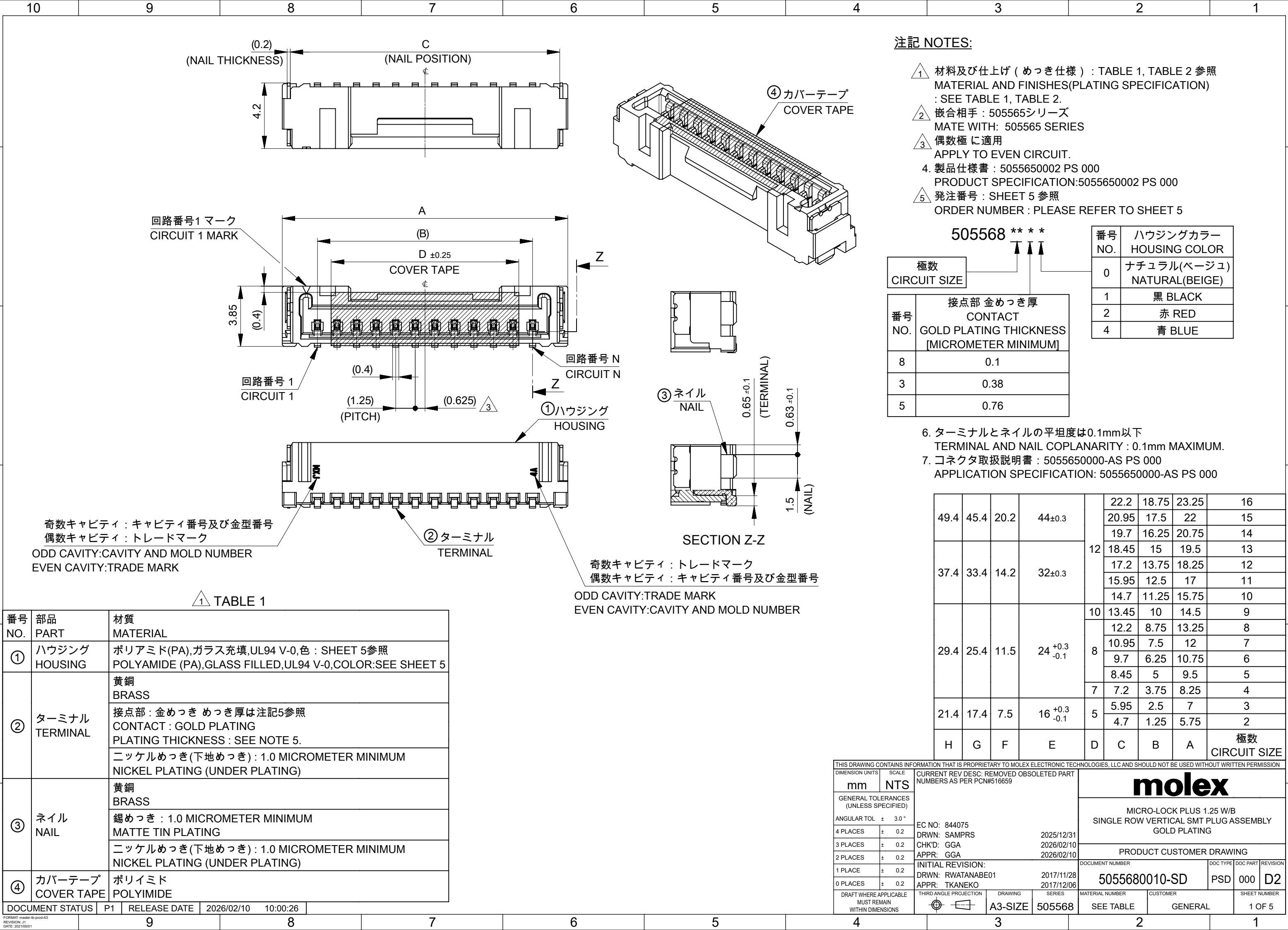




注記 NOTES:

- 1 材料及び仕上げ (めっき仕様) : TABLE 1, TABLE 2 参照
MATERIAL AND FINISHES(PLATING SPECIFICATION)
: SEE TABLE 1, TABLE 2.
- 2 嵌合相手 : 505565シリーズ
MATE WITH: 505565 SERIES
- 3 偶数極 に適用
APPLY TO EVEN CIRCUIT.
4. 製品仕様書 : 5055650002 PS 000
PRODUCT SPECIFICATION:5055650002 PS 000
- 5 発注番号 : SHEET 5 参照
ORDER NUMBER : PLEASE REFER TO SHEET 5

505568 ***

極数
CIRCUIT SIZE

番号 NO.	接点部 金めっき厚 CONTACT GOLD PLATING THICKNESS [MICROMETER MINIMUM]
8	0.1
3	0.38
5	0.76

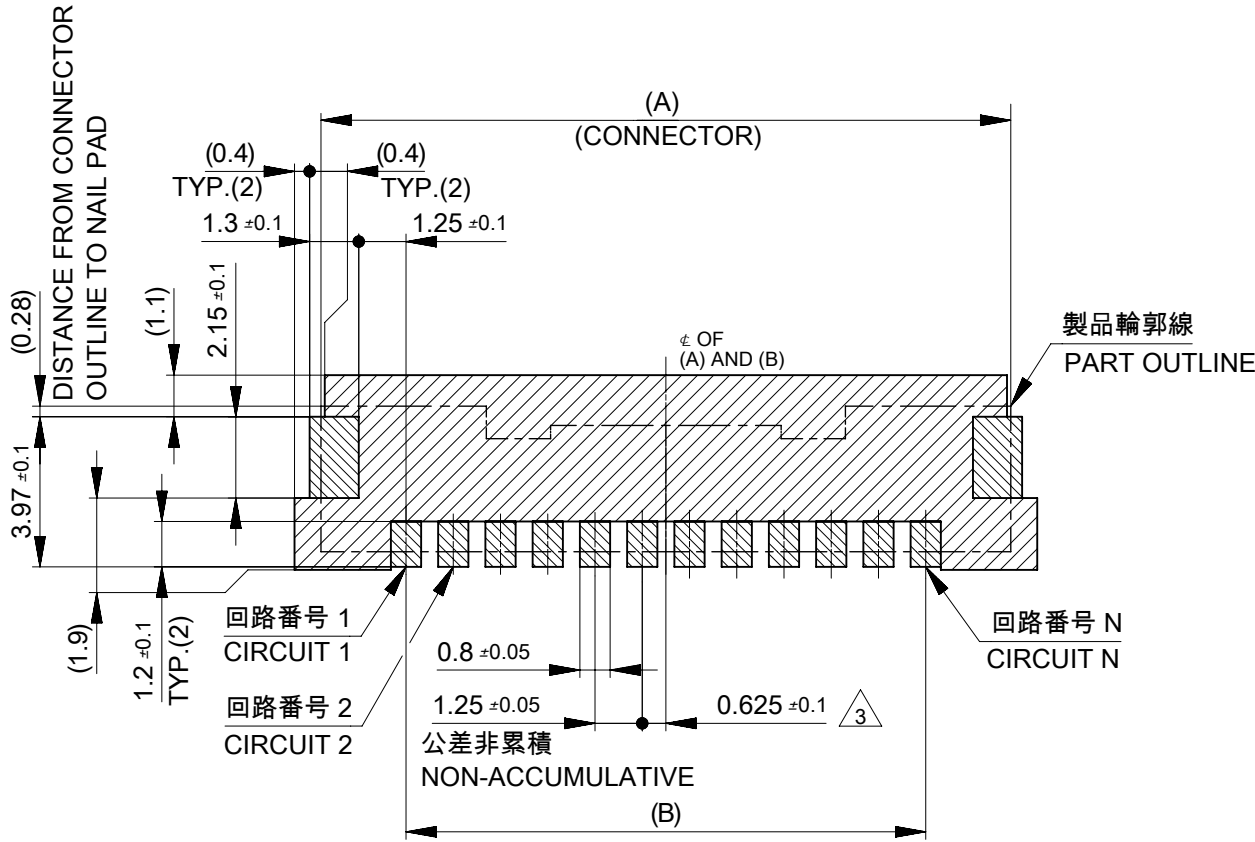
番号 NO.	ハウジングカラー HOUSING COLOR
0	ナチュラル(ベージュ) NATURAL(BEIGE)
1	黒 BLACK
2	赤 RED
4	青 BLUE

6. ターミナルとネイルの平坦度は0.1mm以下
TERMINAL AND NAIL COPLANARITY : 0.1mm MAXIMUM.
7. コネクタ取扱説明書 : 5055650000-AS PS 000
APPLICATION SPECIFICATION: 5055650000-AS PS 000

49.4	45.4	20.2	44±0.3	12	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
37.4	33.4	14.2	32±0.3		17.2	13.75	18.25	12
					15.95	12.5	17	11
					14.7	11.25	15.75	10
				10	13.45	10	14.5	9
				8	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	7.2	3.75	8.25	4
21.4	17.4	7.5	16 ^{+0.3} _{-0.1}	5	5.95	2.5	7	3
					4.7	1.25	5.75	2
H	G	F	E	D	C	B	A	極数 CIRCUIT SIZE

番号 NO.	部品 PART	材質 MATERIAL
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 接点部 : 金めっき めっき厚は注記5参照 CONTACT : GOLD PLATING PLATING THICKNESS : SEE NOTE 5. ニッケルめっき(下地めっき) : 1.0 MICROMETER MINIMUM NICKEL PLATING (UNDER PLATING)
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(下地めっき) : 1.0 MICROMETER MINIMUM NICKEL PLATING (UNDER PLATING)
④	カバーテープ COVER TAPE	ポリイミド POLYIMIDE
DOCUMENT STATUS P1 RELEASE DATE 2026/02/10 10:00:26		

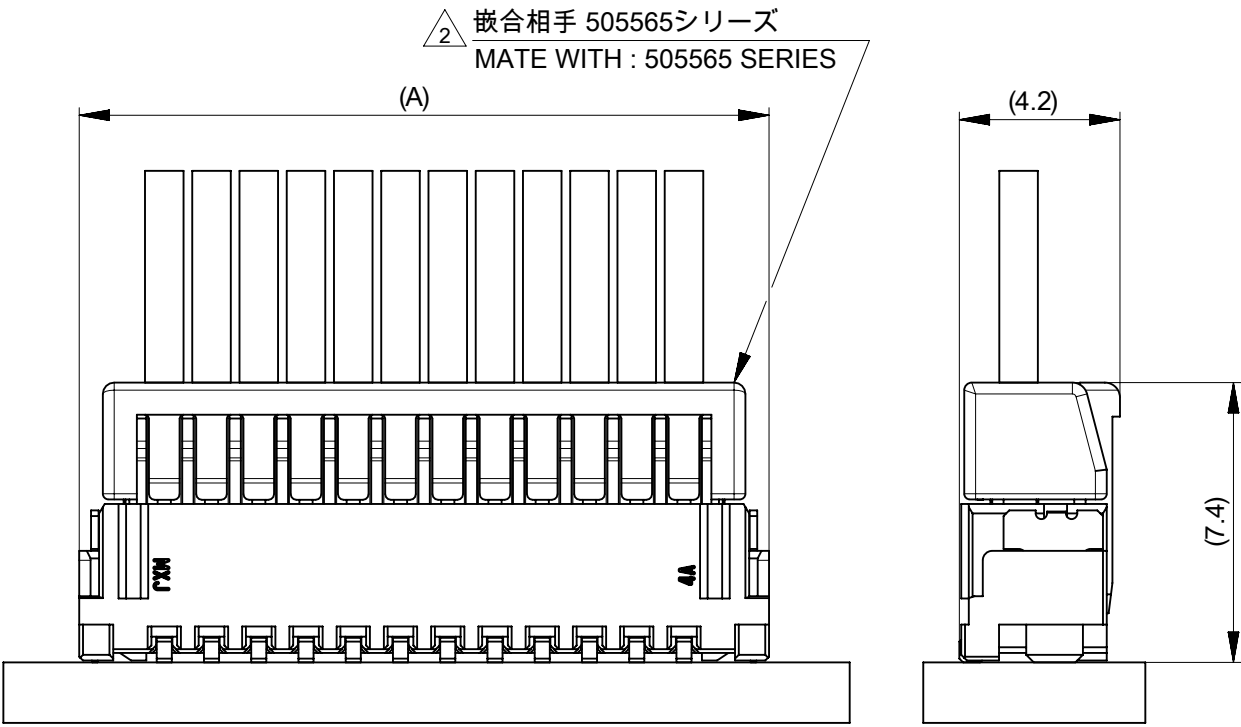
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516659		molex			
DIMENSION UNITS mm		SCALE NTS		MICRO-LOCK PLUS 1.25 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °		PRODUCT CUSTOMER DRAWING			
4 PLACES ± 0.2		3 PLACES ± 0.2		DOCUMENT NUMBER			
2 PLACES ± 0.2		1 PLACE ± 0.2		5055680010-SD			
0 PLACES ± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NUMBER			
THIRD ANGLE PROJECTION		DRAWING		PSD 000 D2			
SERIES		MATERIAL NUMBER		GENERAL			
A3-SIZE		505568		1 OF 5			



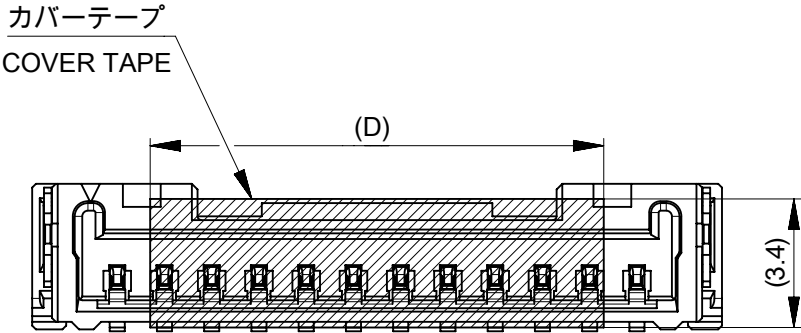
推奨基板レイアウト
RECOMMENDED PCB PATTERN LAYOUT

(参考：基板厚1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
(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.



嵌合状態図
MATED CONNECTORS



吸着範囲
SUCTION 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#516659						
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	CUSTOMER		SHEET NUMBER
				A3-SIZE	505568	SEE TABLE	GENERAL		2 OF 5

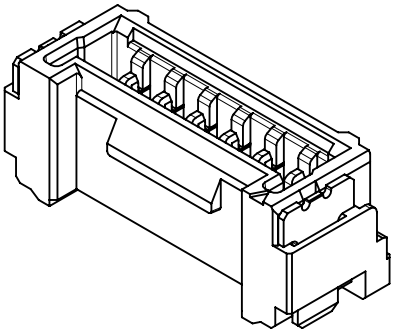
CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516659				molex					
				MICRO-LOCK PLUS 1.25 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING					
				PRODUCT CUSTOMER DRAWING					
				DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION		
				5055680010-SD	PSD	000	D2		

EC NO:	844075	2025/12/31
DRWN:	SAMPRS	2026/02/10
CHK'D:	GGA	2026/02/10
APPR:	GGA	2026/02/10
INITIAL REVISION:		
DRWN:	RWATANABE01	2017/11/28
APPR:	TKANEKO	2017/12/06

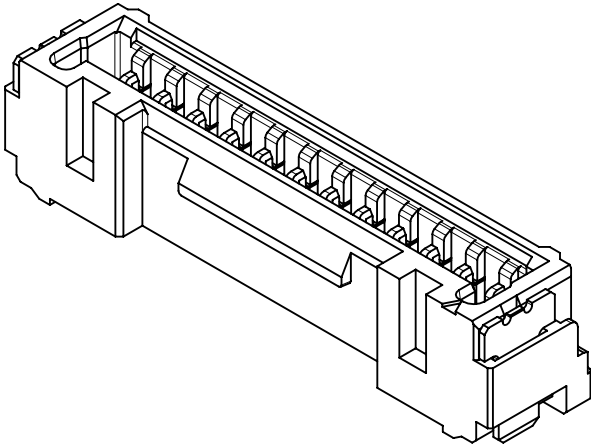
DOCUMENT STATUS	P1	RELEASE DATE	2026/02/10	10:00:26
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製品形状

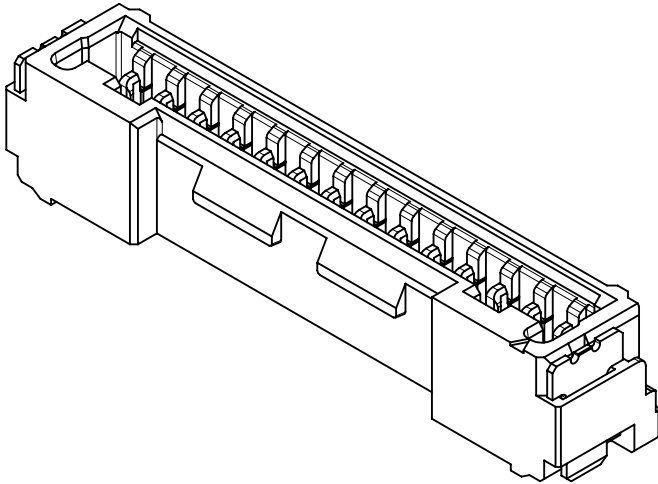
PRODUCT SHAPE



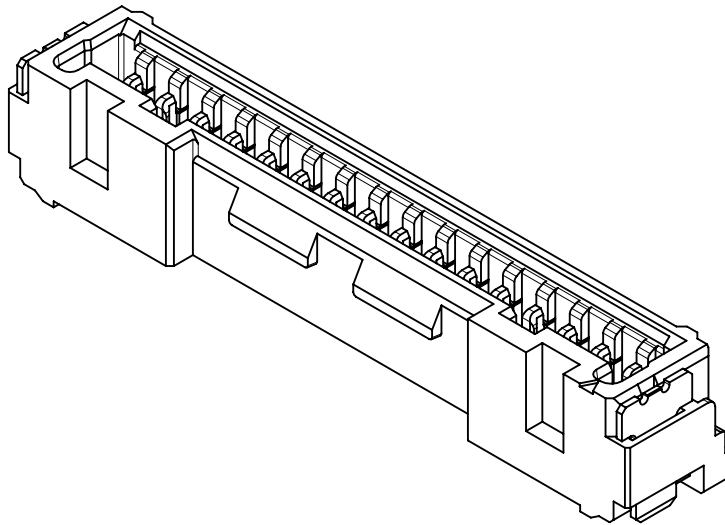
2-11極
2-11 CIRCUIT



12-13極
12-13 CIRCUIT

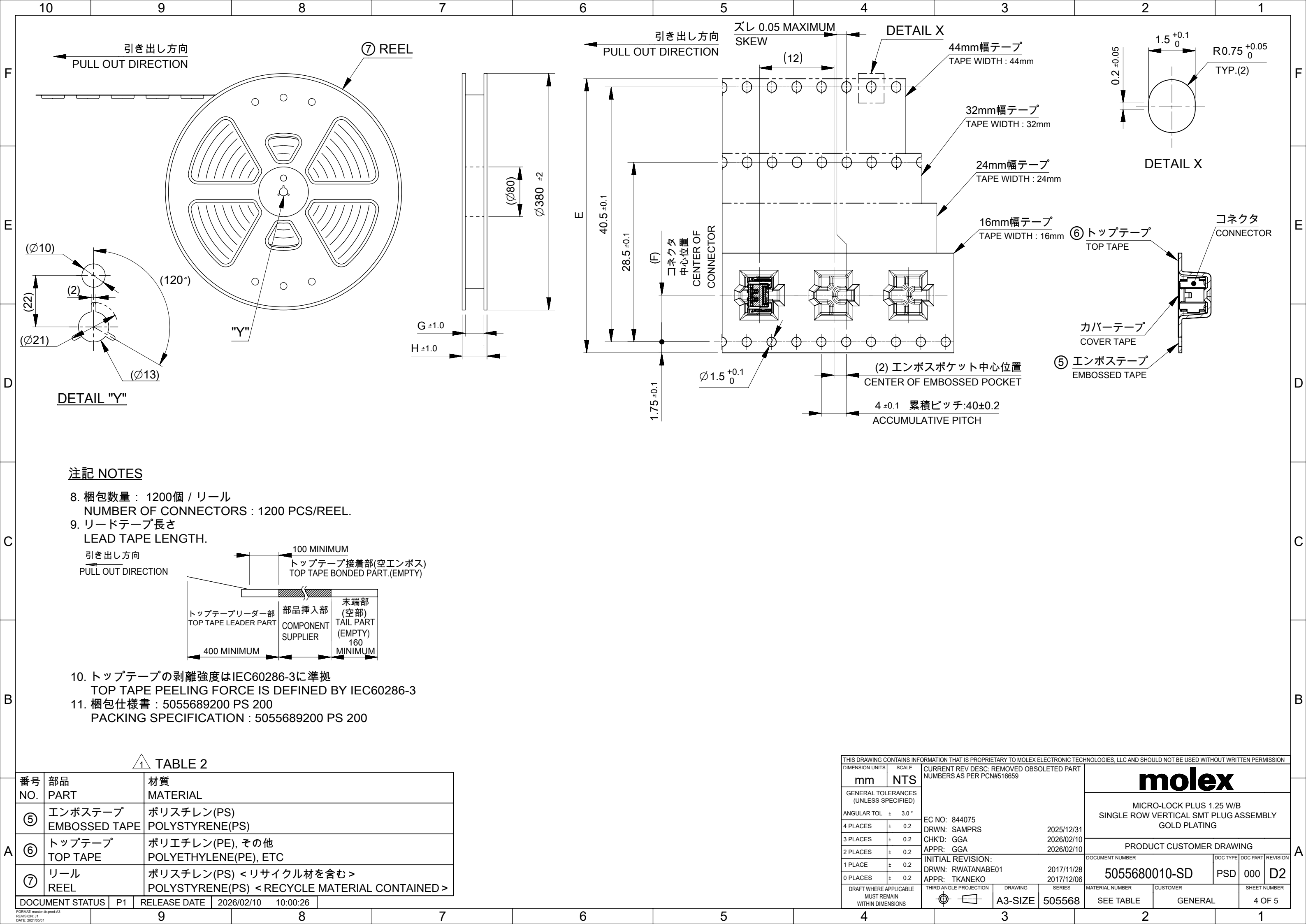


14極
14 CIRCUIT



15-16極
15-16 CIRCUIT

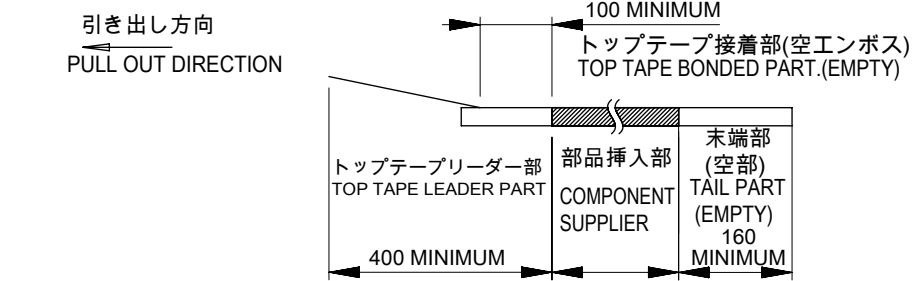
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516659				molex MICRO-LOCK PLUS 1.25 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING PRODUCT CUSTOMER DRAWING			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 844075 DRWN: SAMPRS CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: RWATANABE01 APPR: TKANEKO							
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	
								DOCUMENT NUMBER		DOC TYPE	
								5055680010-SD		PSD	
										DOC PART	
										000	
										REVISION	
										D2	
										SHEET NUMBER	
										3 OF 5	



DETAIL "Y"

注記 NOTES

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



10. 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
11. 梱包仕様書：5055689200 PS 200
PACKING SPECIFICATION : 5055689200 PS 200

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	2026/02/10	10:00:26
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DIMENSION UNITS		SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516659						
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	CUSTOMER	SHEET NUMBER
					A3-SIZE	505568	SEE TABLE	GENERAL	4 OF 5

