

- 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 4を
ご参照下さい。
PLEASE REFER TO SHEET 4 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 : 0.12 MAXIMUM
TAIL AND NAIL COPLANARITY TO BE 0.12 MAXIMUM
 - ④ 極数 / 2 = 偶数に適合
APPLY TO CIRCUIT SIZE / 2 = EVEN.
 - ⑤ 発注番号 : SHEET 4 参照
ORDER NUMBER : PLEASE REFER TO SHEET 4

505448**7*

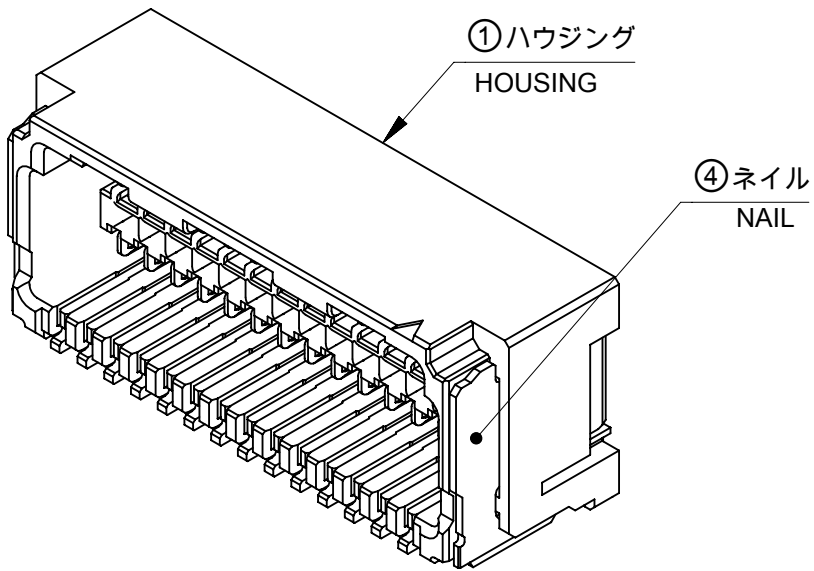
極数
CIRCUIT SIZE

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	緑 GREEN

29.4	26.25	25	30.85	42
28.15	25	23.75	29.6	40
26.9	23.75	22.5	28.35	38
25.65	22.5	21.25	27.1	36
24.4	21.25	20	25.85	34
23.15	20	18.75	24.6	32
21.9	18.75	17.5	23.35	30
20.65	17.5	16.25	22.1	28
19.4	16.25	15	20.85	26
18.15	15	13.75	19.6	24
16.9	13.75	12.5	18.35	22
15.65	12.5	11.25	17.1	20
14.4	11.25	10	15.85	18
13.15	10	8.75	14.6	16
11.9	8.75	7.5	13.35	14
10.65	7.5	6.25	12.1	12
9.4	6.25	5	10.85	10
8.15	5	3.75	9.6	8
D	C	B	A	極数 CIRCUIT SIZE

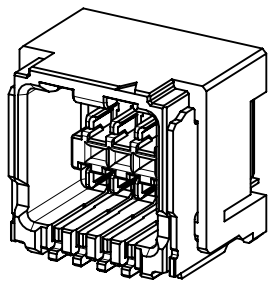
① TABLE 1

番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド(PA), UL94V-0, 色 : SHEET 4参照 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 4
②	ターミナル 及び ネイル AND NAIL	黄銅 BRASS
③		錫ピスマスめっき : 1.0 MICROMETER MINIMUM TIN-BISMUTH PLATING
④		ニッケルめっき(下地めっき): 1.0 MICROMETER MINIMUM NICKEL PLATING (UNDER PLATING)
DOCUMENT STATUS		P1 RELEASE DATE 2025/02/25 06:03:47

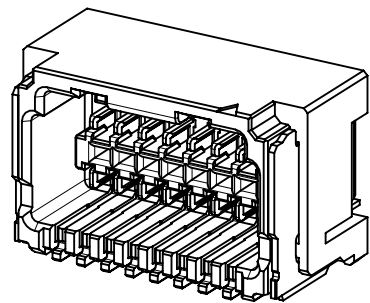


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.		2025/01/21	
DIMENSION UNITS		SCALE		2025/02/25	
mm		NTS		2025/02/25	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 812554		2017/01/18	
ANGULAR TOL ± 3.0 °		DRWN: RAVINR1		2017/04/03	
4 PLACES ± 0.2		CHK'D: GGA		2025/02/25	
3 PLACES ± 0.2		APPR: GGA		2025/02/25	
2 PLACES ± 0.2		INITIAL REVISION:		2025/02/25	
1 PLACE ± 0.2		DRWN: TAKAIKE		2025/02/25	
0 PLACES ± 0.2		APPR: TKANEKO		2025/02/25	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		2025/02/25	
		DRAWING		2025/02/25	
		SERIES		2025/02/25	
		MATERIAL NUMBER		2025/02/25	
		CUSTOMER		2025/02/25	
		SHEET NUMBER		2025/02/25	
		A3-SIZE		2025/02/25	
		505448		2025/02/25	
		SEE TABLE		2025/02/25	
		GENERAL		2025/02/25	
		1 OF 4		2025/02/25	

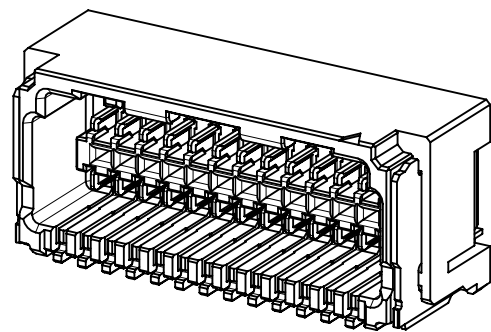
製品形状
PRODUCT SHAPE



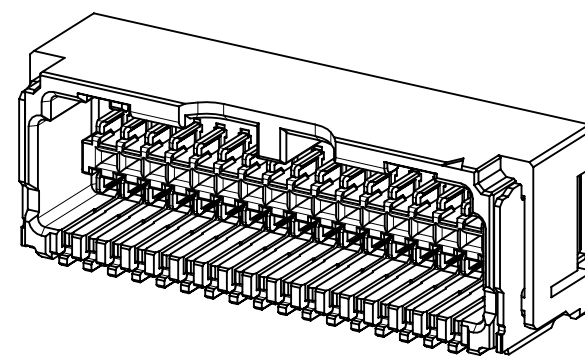
8-14極
8-14 CIRCUIT



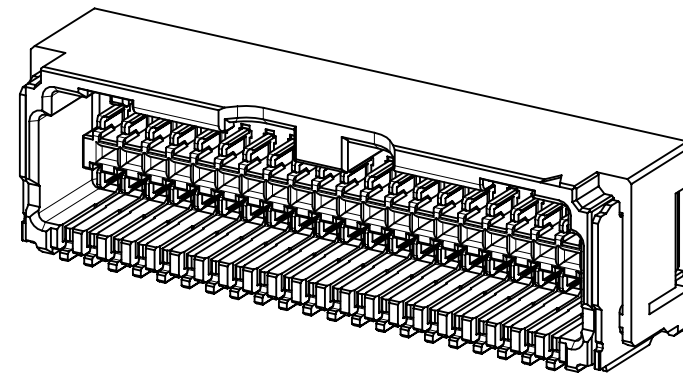
16-24極
16-24 CIRCUIT



26-32極
26-32 CIRCUIT

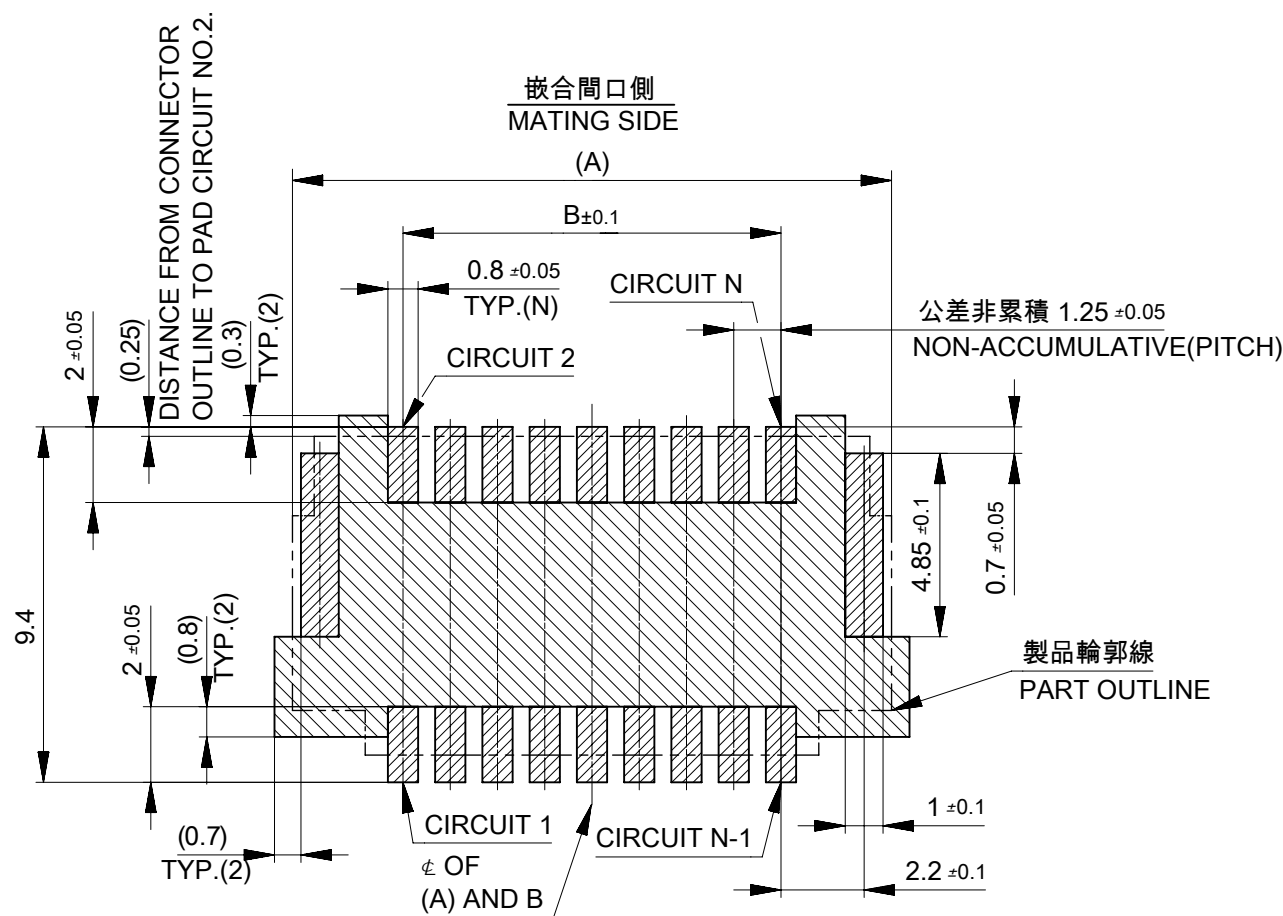


34-40極
34-40 CIRCUIT



42極
42 CIRCUIT

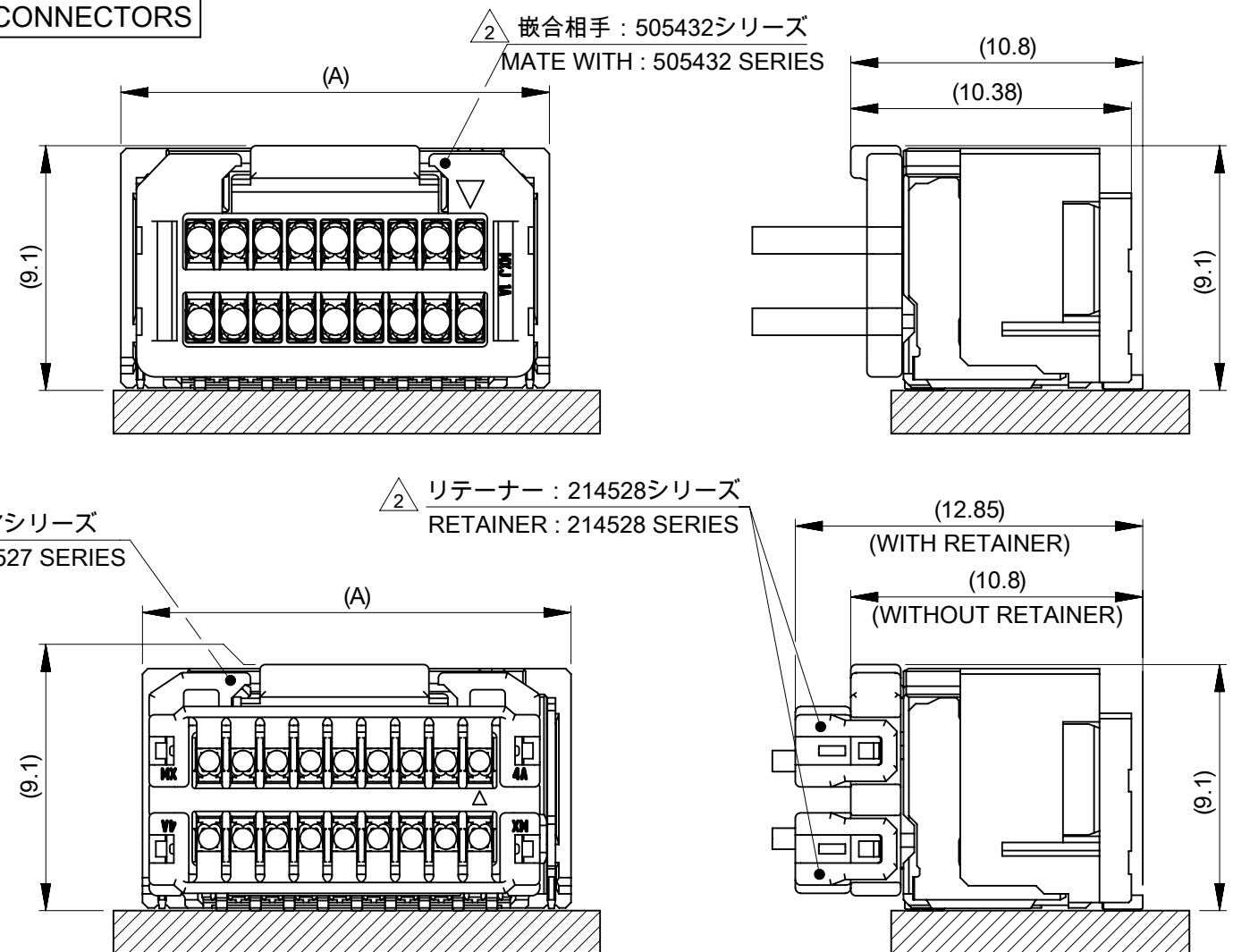
基板パターンレイアウト
PCB PATTERN LAYOUT

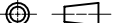


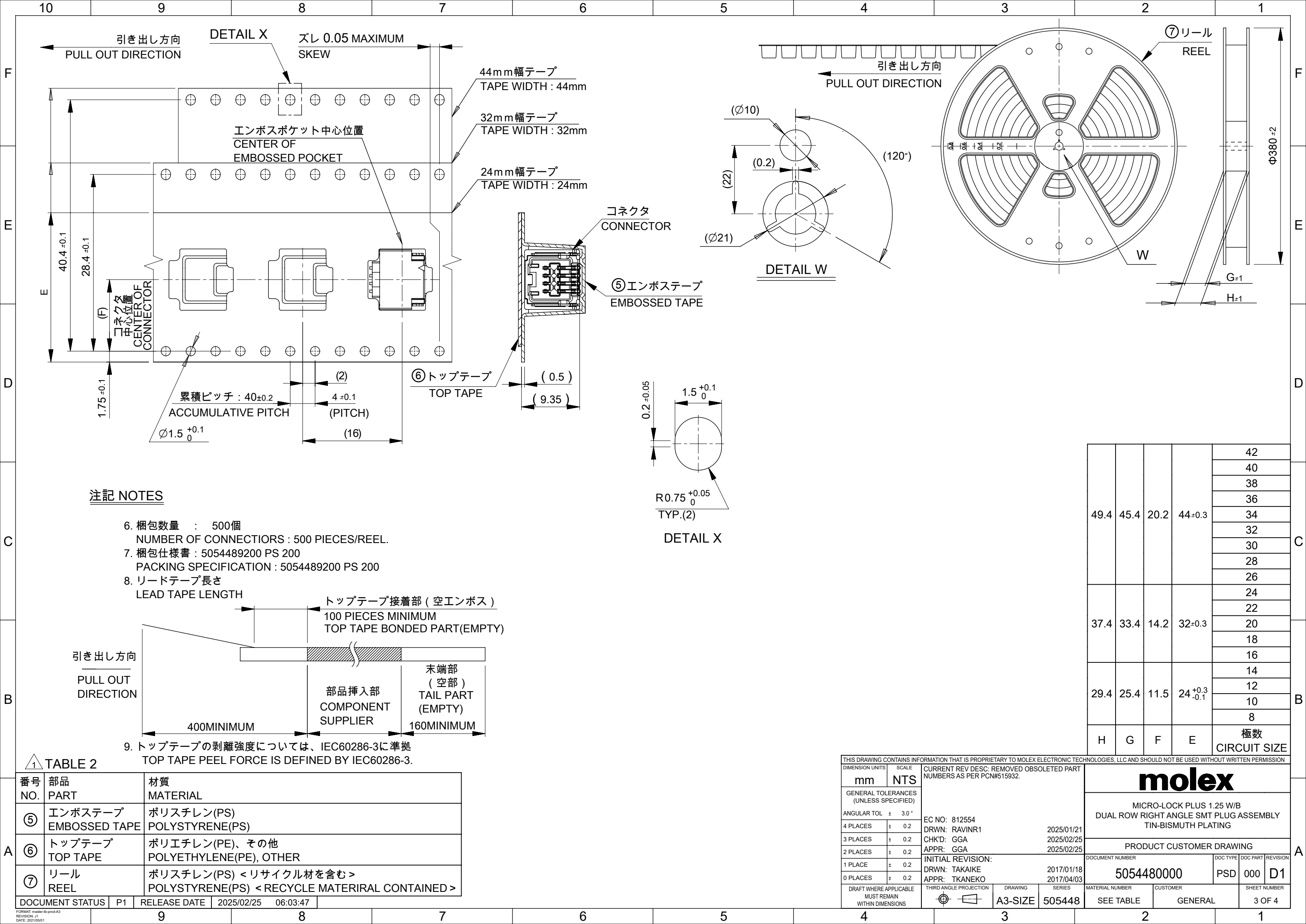
基板パターンレイアウト (参考)
(参考: 基板厚 1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
RECOMMEND PCB LAYOUT : COMPONENT SIDE
(REFERENCE : PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)

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.

嵌合状態図
MATED CONNECTORS

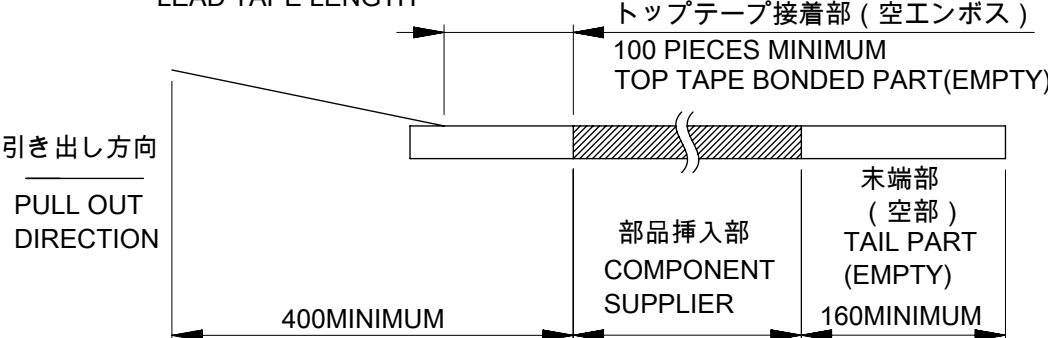


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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.				molex MICRO-LOCK PLUS 1.25 W/B DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY TIN-BISMUTH PLATING				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL		± 3.0 °		EC NO: 812554 DRWN: RAVINR1 2025/01/21 CHK'D: GGA 2025/02/25 APPR: GGA 2025/02/25				PRODUCT CUSTOMER DRAWING				
4 PLACES		± 0.2						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES		± 0.2						5054480000		PSD	000	D1
2 PLACES		± 0.2		INITIAL REVISION: DRWN: TAKAIKE 2017/01/18 APPR: TKANEKO 2017/04/03				SHEET NUMBER				
1 PLACE		± 0.2						SEE TABLE		GENERAL		
0 PLACES		± 0.2						A3-SIZE		2 OF 4		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES				
				A3-SIZE		505448						



注記 NOTES

6. 梱包数量 : 500個
NUMBER OF CONNECTIONS : 500 PIECES/REEL.
7. 梱包仕様書 : 5054489200 PS 200
PACKING SPECIFICATION : 5054489200 PS 200
8. リードテープ長さ
LEAD TAPE LENGTH



9. トップテープの剥離強度については、IEC60286-3に準拠
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

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), OTHER
⑦	リール REEL	ポリスチレン(PS) <リサイクル材を含む> POLYSTYRENE(PS) < RECYCLE MATERIRAL CONTAINED >

DOCUMENT STATUS	P1	RELEASE DATE	2025/02/25	06:03:47
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DIMENSION UNITS	SCALE
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	

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#515932.

EC NO: 812554
DRWN: RAVINR1
CHK'D: GGA
APPR: GGA
2025/01/21
2025/02/25
2025/02/25

INITIAL REVISION:
DRWN: TAKAIKE
APPR: TKANEKO
2017/01/18
2017/04/03

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
TIN-BISMUTH PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

5054480000

PSD

000

D1

SEE TABLE

GENERAL

3 OF 4

10	9	8	7	6	5	4	3	2	1																																																																																																																													
△₂ 適合製品及び各種仕様書 APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS <table><tr><td colspan="2">梱包仕様書 PACKAGING SPECIFICATION</td><td colspan="8">5054489200 PS 200</td></tr><tr><td rowspan="2">適合嵌合相手 MATE WITH</td><td>シリーズ番号 SERIES NUMBER</td><td>505432</td><td colspan="7">214527</td></tr><tr><td>リテーナー対応 RETAINER COMPLIANT</td><td>NOT COMPLIANT</td><td colspan="7">COMPLIANT (NATURAL, BLACK, RED, BLUE)</td></tr><tr><td colspan="2">適合リテーナーシリーズ番号 APPLICABLE RETAINER SERIES NUMBER</td><td>-</td><td colspan="7">214528</td></tr><tr><td colspan="2">製品仕様書 PRODUCT SPECIFICATION</td><td>5054320000 PS 002</td><td colspan="7">2145270000-PS PS 000</td></tr><tr><td colspan="2">コネクタ取扱説明書 APPLICATION SPECIFICATION</td><td colspan="8">5054320000-AS PS 000</td></tr></table>										梱包仕様書 PACKAGING SPECIFICATION		5054489200 PS 200								適合嵌合相手 MATE WITH	シリーズ番号 SERIES NUMBER	505432	214527							リテーナー対応 RETAINER COMPLIANT	NOT COMPLIANT	COMPLIANT (NATURAL, BLACK, RED, BLUE)							適合リテーナーシリーズ番号 APPLICABLE RETAINER SERIES NUMBER		-	214528							製品仕様書 PRODUCT SPECIFICATION		5054320000 PS 002	2145270000-PS PS 000							コネクタ取扱説明書 APPLICATION SPECIFICATION		5054320000-AS PS 000																																																																									
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<table><tr><td colspan="10">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="2">DIMENSION UNITS mm</td><td colspan="2">SCALE NTS</td><td colspan="4" rowspan="2">CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.</td><td colspan="2" rowspan="3"> molex MICRO-LOCK PLUS 1.25 W/B DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY TIN-BISMUTH PLATING </td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td colspan="2">ANGULAR TOL</td><td colspan="2">± 3.0 °</td><td colspan="2">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">4 PLACES</td><td colspan="2">± 0.2</td><td colspan="2">EC NO: 812554</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td></tr><tr><td colspan="2">3 PLACES</td><td colspan="2">± 0.2</td><td colspan="2">DRWN: RAVINR1 2025/01/21</td><td colspan="2">5054480000</td><td>PSD</td><td>000</td></tr><tr><td colspan="2">2 PLACES</td><td colspan="2">± 0.2</td><td colspan="2">CHK'D: GGA 2025/02/25</td><td colspan="2">D1</td><td colspan="2">REVISION</td></tr><tr><td colspan="2">1 PLACE</td><td colspan="2">± 0.2</td><td colspan="2">APPR: GGA 2025/02/25</td><td colspan="2">INITIAL REVISION:</td><td colspan="2"></td></tr><tr><td colspan="2">0 PLACES</td><td colspan="2">± 0.2</td><td colspan="2">DRWN: TAKAIKE 2017/01/18</td><td colspan="2">2017/04/03</td><td colspan="2"></td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING A3-SIZE</td><td colspan="2">SERIES 505448</td><td colspan="2">MATERIAL NUMBER SEE TABLE</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">CUSTOMER GENERAL</td><td colspan="2">SHEET NUMBER 4 OF 4</td></tr></table>										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		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515932.				molex MICRO-LOCK PLUS 1.25 W/B DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY TIN-BISMUTH PLATING		GENERAL TOLERANCES (UNLESS SPECIFIED)				ANGULAR TOL		± 3.0 °		PRODUCT CUSTOMER DRAWING		4 PLACES		± 0.2		EC NO: 812554		DOCUMENT NUMBER		DOC TYPE	DOC PART	3 PLACES		± 0.2		DRWN: RAVINR1 2025/01/21		5054480000		PSD	000	2 PLACES		± 0.2		CHK'D: GGA 2025/02/25		D1		REVISION		1 PLACE		± 0.2		APPR: GGA 2025/02/25		INITIAL REVISION:				0 PLACES		± 0.2		DRWN: TAKAIKE 2017/01/18		2017/04/03				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 505448		MATERIAL NUMBER SEE TABLE								CUSTOMER GENERAL		SHEET NUMBER 4 OF 4																										
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