

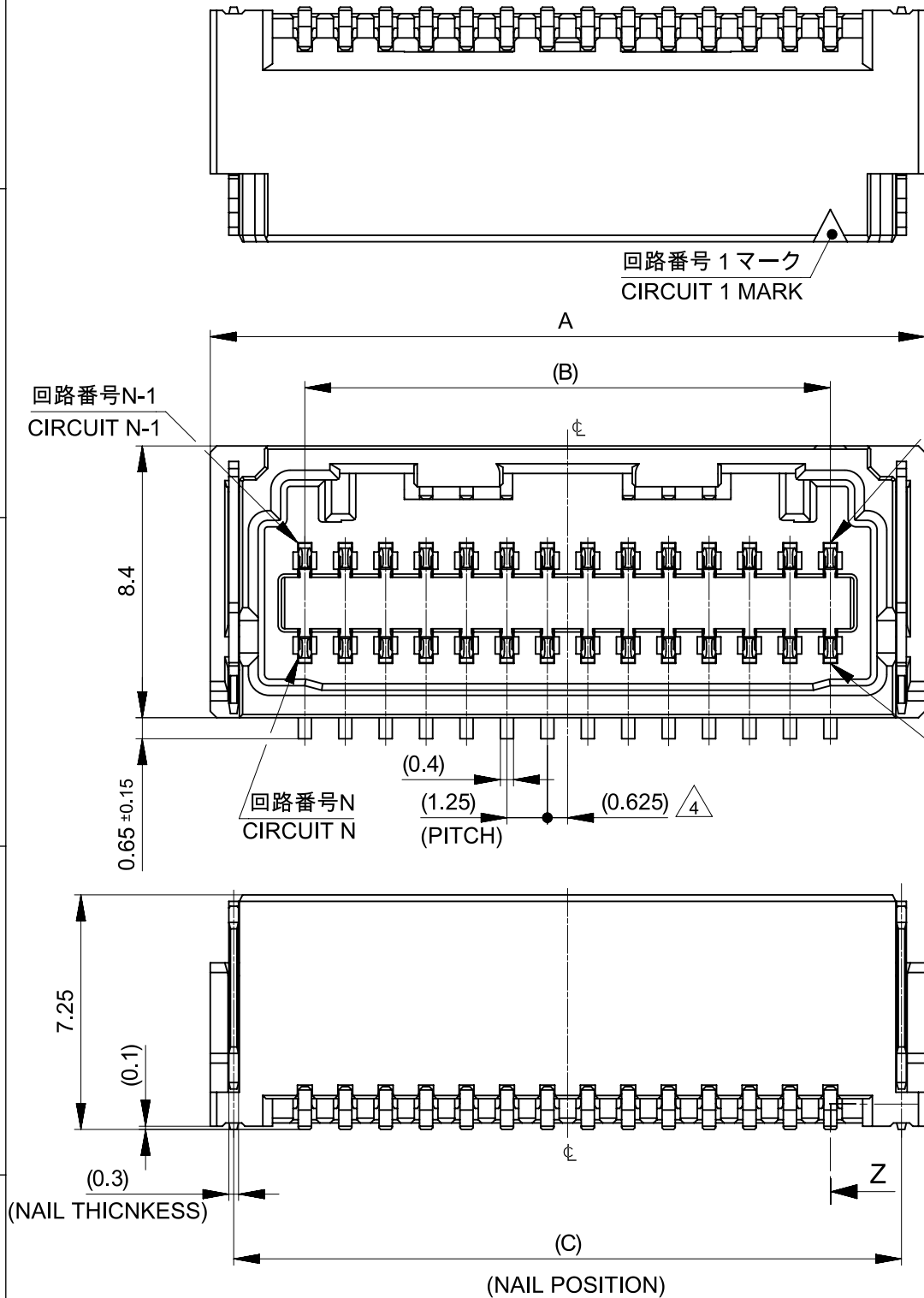
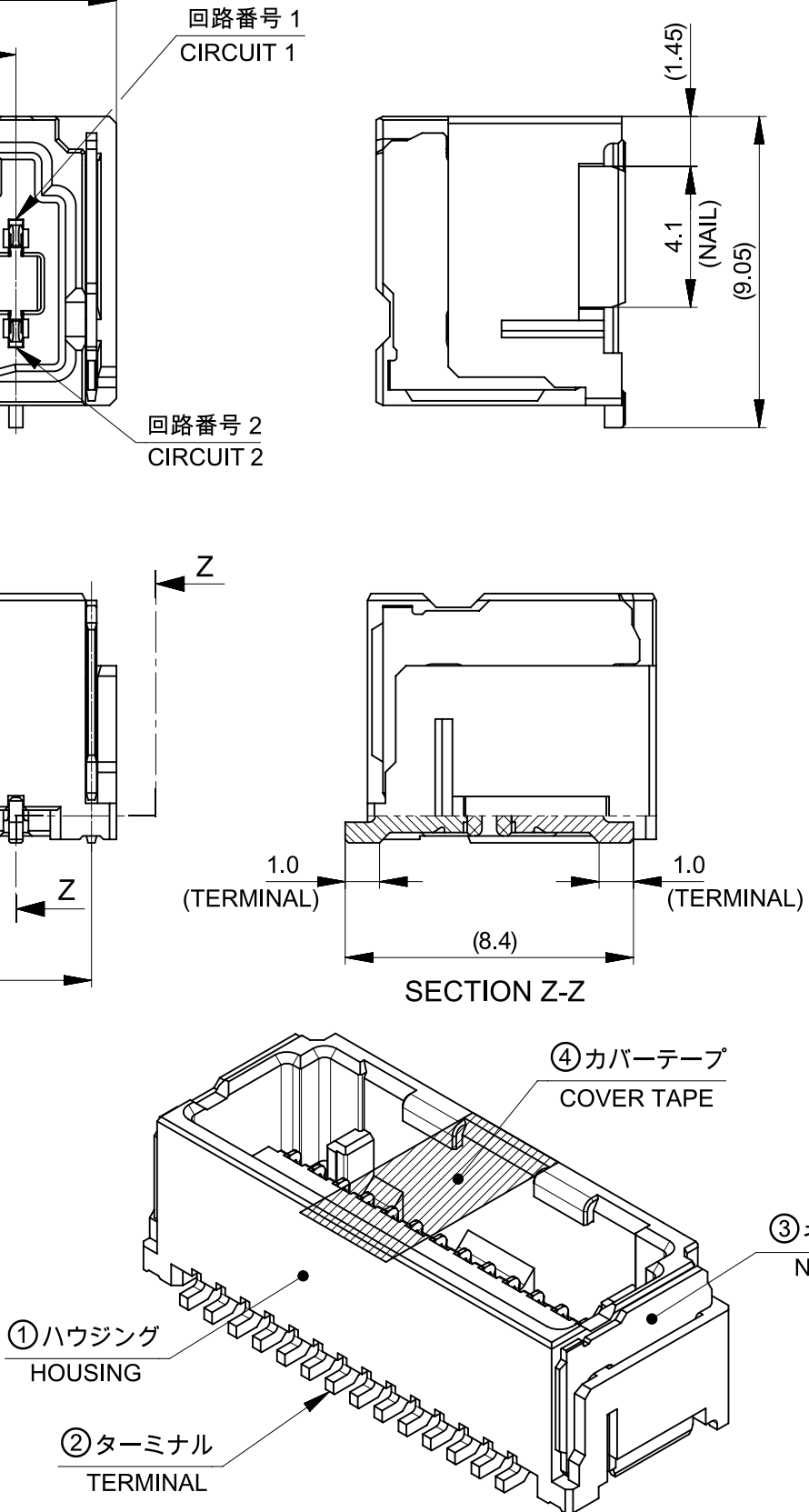


TABLE 1		
番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド(PA), UL94V-0, 色 : SHEET 5参照 POLY AMIDE(PA), UL94V-0, COLOR : SEE SHEET 5
②	ターミナル 及び ネイル TERMINAL AND NAIL	黄銅 BRASS 錫ビスマスめっき : 1.0 MICROMETER MINIMUM TIN-BISMUTH PLATING ニッケルめっき (下地) : 1.0 MICROMETER MINIMUM NICKEL (UNDER PLATING)
④	カバーテープ COVER TAPE	ポリイミド POLYIMIDE



- 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 : 0.12 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 5 参照
ORDER NUMBER : PLEASE REFER TO SHEET 5

極数 CIRCUIT SIZE		番号 NO.	ハウジングカラー HOUSING COLOR
番号 NO.	カバーテープ COVER TAPE	0	ナチュラル(ベージュ) NATURAL(BEIGE)
7	無 WITHOUT	1	黒 BLACK
8	有 WITH	2	赤 RED
		4	青 BLUE
		6	緑 GREEN

29.4	25	30.85	42
28.15	23.75	29.6	40
26.9	22.5	28.35	38
25.65	21.25	27.1	36
24.4	20	25.85	34
23.15	18.75	24.6	32
21.9	17.5	23.35	30
20.65	16.25	22.1	28
19.4	15	20.85	26
18.15	13.75	19.6	24
16.9	12.5	18.35	22
15.65	11.25	17.1	20
14.4	10	15.85	18
13.15	8.75	14.6	16
11.9	7.5	13.35	14
10.65	6.25	12.1	12
9.4	5	10.85	10
8.15	3.75	9.6	8
C	B	A	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
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3°
4 PLACES	± 0.20000
3 PLACES	± 0.2000
2 PLACES	± 0.200
1 PLACE	± 0.20
0 PLACES	± 0.20
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN #516676

STATUS: Production
DRWN: Pranav Arunkumar
CHK'D: Ganesh Rao B
APPR: Gurunandan GA

2026-04-28
2026-05-06
2026-05-06

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5054330000	PSD	000	E2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	1 OF 5

THIRD ANGLE PROJECTION

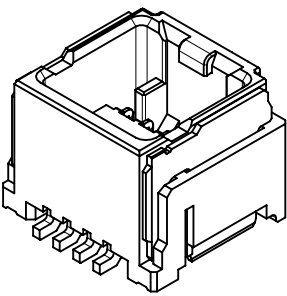
DRAWING

A3-SIZE

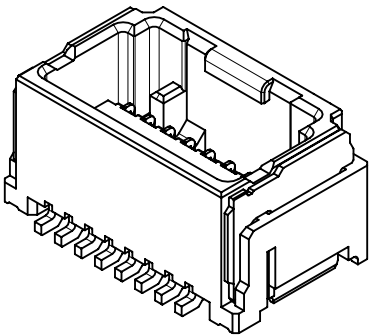
SERIES

505433

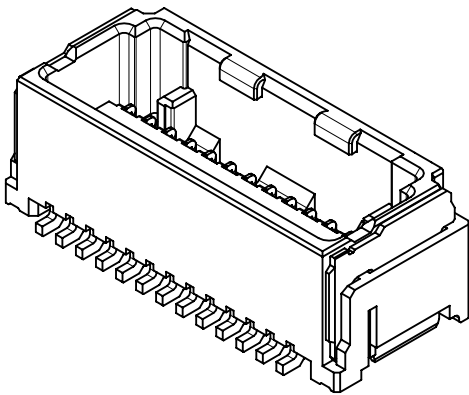
製品形状
PRODUCT SHAPE



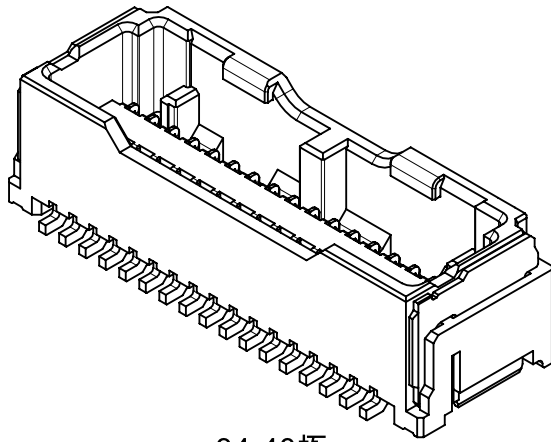
8-14極
8-14 CIRCUIT



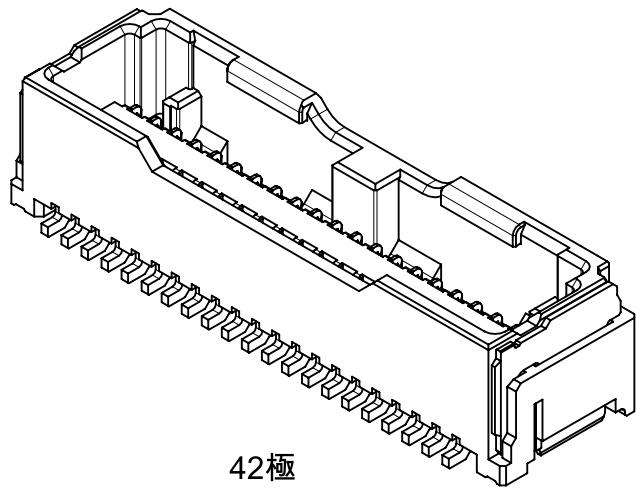
16-24極
16-24 CIRCUIT



26-32極
26-32 CIRCUIT

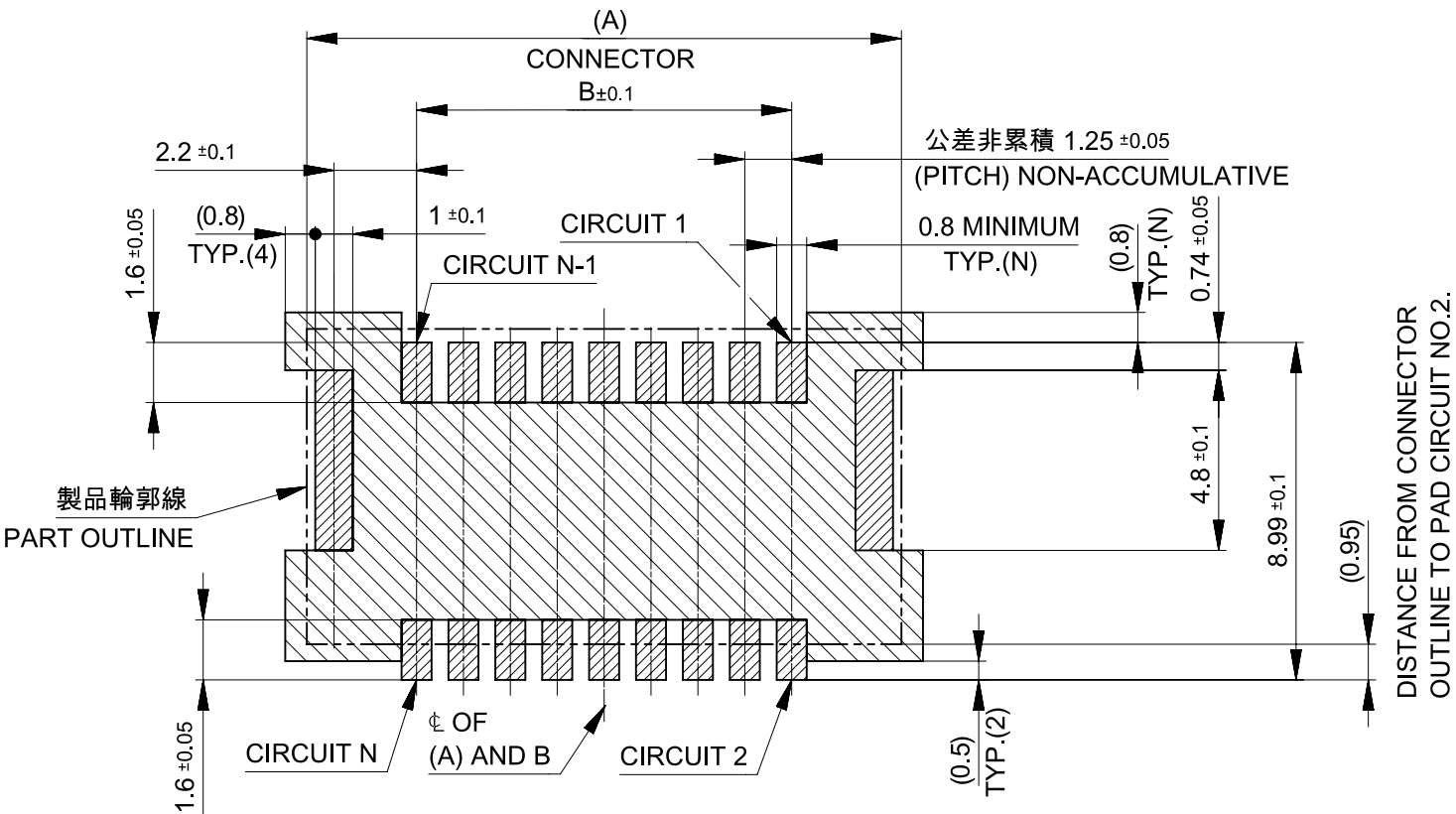


34-40極
34-40 CIRCUIT



42極
42 CIRCUIT

基板パターンレイアウト
PCB PATTERN LAYOUT

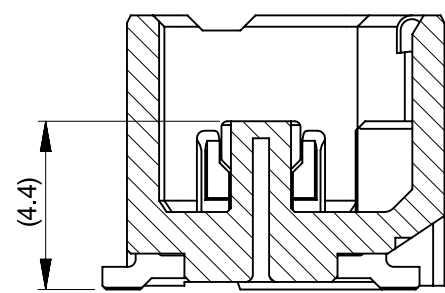
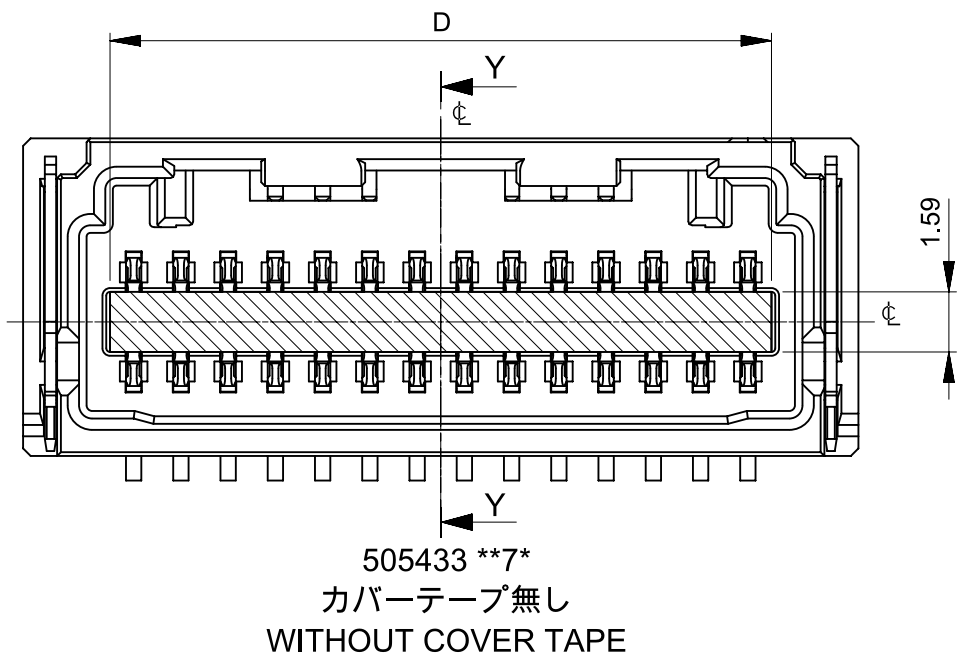


- 基板パターンレイアウト（参考）
(参考：基板厚 1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
RECOMMEND PCB LAYOUT : COMPONENT SIDE
(REFERENCE : PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)
- パターン非推奨エリア
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHING AREA.

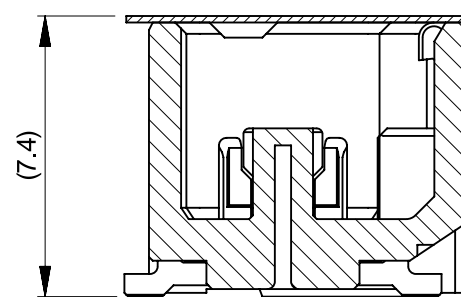
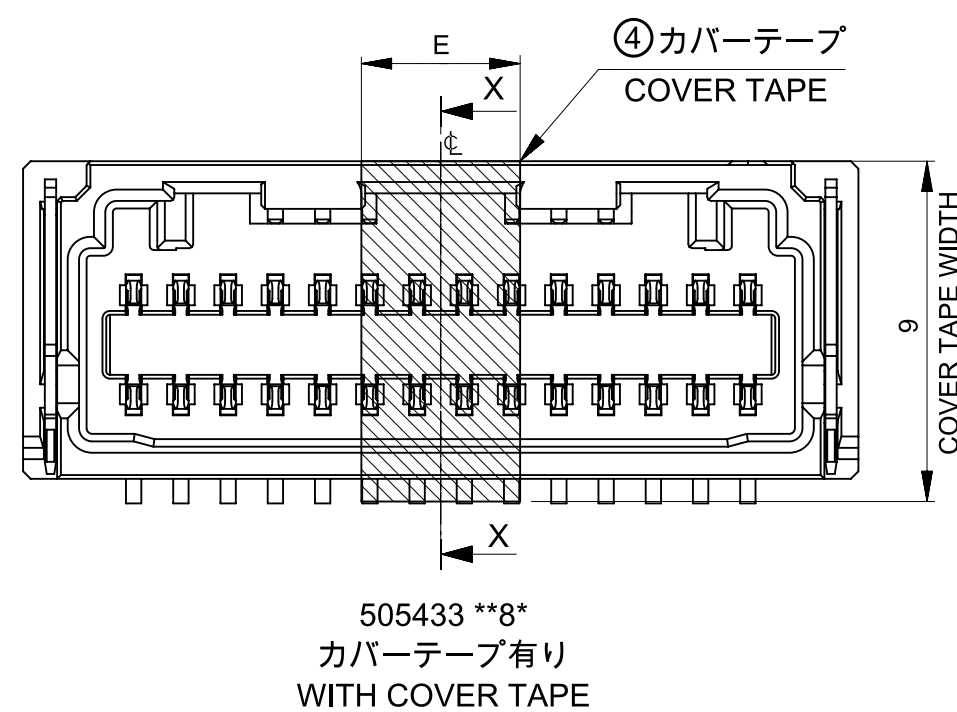
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN #516676					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex MICRO-LOCK PLUS 1.25 W/B DUAL ROW VERTICAL SMT PLUG ASSEMBLY TIN-BISMUTH PLATING PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± 3°									
4 PLACES		± 0.20000							
3 PLACES		± 0.2000							
2 PLACES		± 0.200							
1 PLACE		± 0.20		STATUS: Production DRWN: Pranav Arunkumar 2026-04-28 CHK'D: Ganesh Rao B 2026-05-06 APPR: Gurunandan GA 2026-05-06					
0 PLACES		± 0.20							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		505433	
</									

10 9 8 7 6 5 4 3 2 1

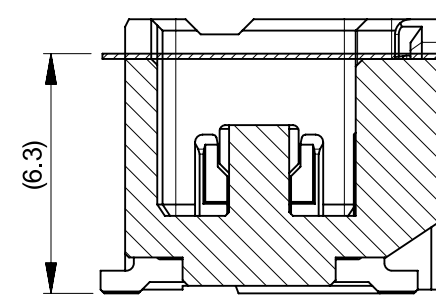
吸着エリア違い
SUCTION AREA DIFFERNECE



SECTION Y-Y
吸着高さ SUCTION HEIGHT



8-32極
8-32 CIRCUIT

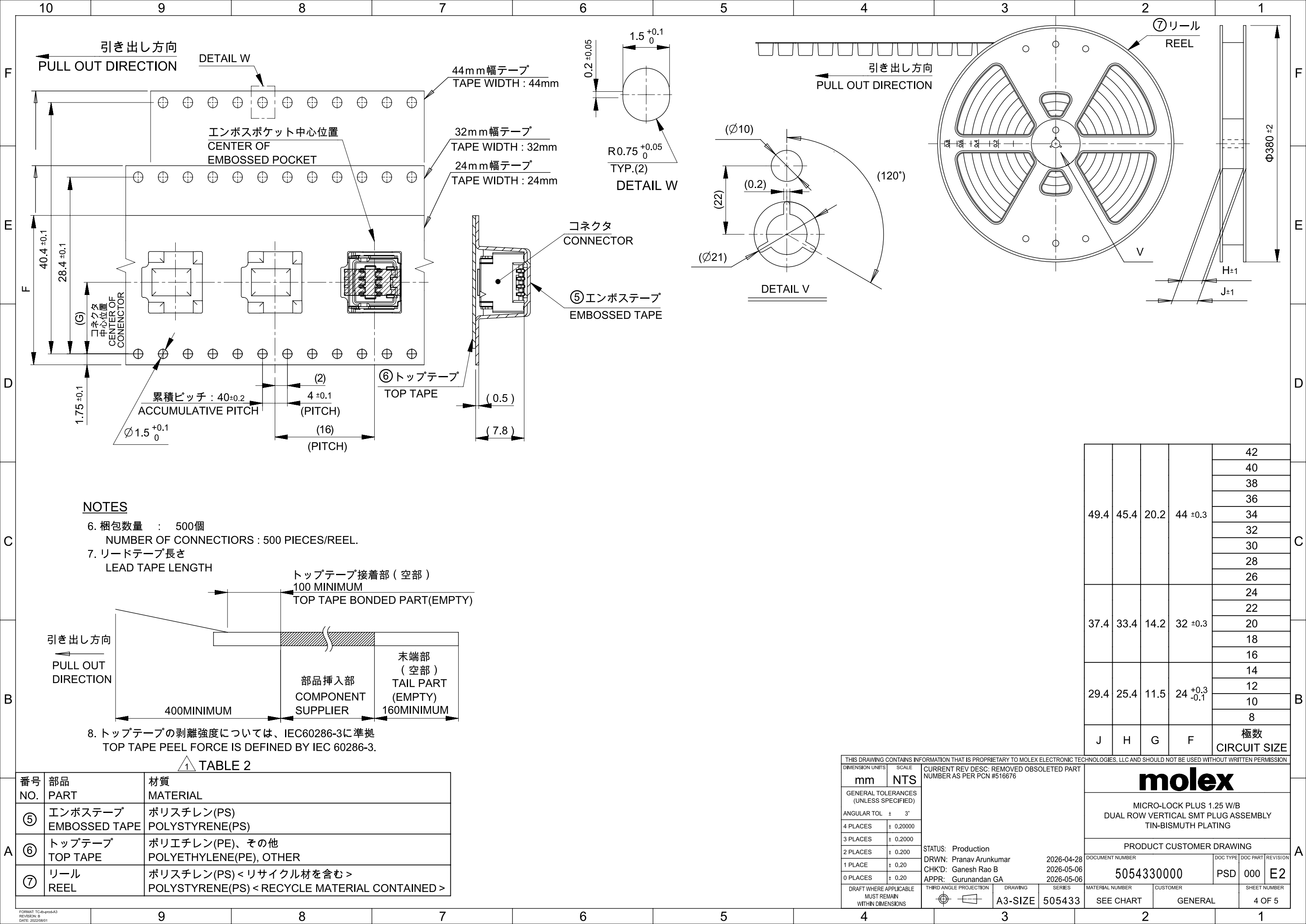


34-42極
34-42 CIRCUIT

SECTION X-X
吸着テープ高さ COVER TAPE HEIGHT

5	26.25	42
4.2	25	40
	23.75	38
	22.5	36
	21.25	34
	20	32
	18.75	30
	17.5	28
	16.25	26
	15	24
	13.75	22
	12.5	20
	11.25	18
	10	16
	8.75	14
	7.5	12
	6.25	10
	5	8
E	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 mm		SCALE NTS		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN #516676													
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex MICRO-LOCK PLUS 1.25 W/B DUAL ROW VERTICAL SMT PLUG ASSEMBLY TIN-BISMUTH PLATING PRODUCT CUSTOMER DRAWING <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>5054330000</td><td>PSD</td><td>000</td><td>E2</td></tr></table>						DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	5054330000	PSD	000	E2
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION														
5054330000	PSD	000	E2														
ANGULAR TOL		± 3°															
4 PLACES		± 0.20000															
3 PLACES		± 0.2000															
2 PLACES		± 0.200		STATUS: Production		2026-04-28											
1 PLACE		± 0.20		DRWN: Pranav Arunkumar		2026-05-06											
0 PLACES		± 0.20		CHK'D: Ganesh Rao B		2026-05-06											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 505433		MATERIAL NUMBER SEE CHART									
						CUSTOMER GENERAL		SHEET NUMBER 3 OF 5									



NOTES

6. 梱包数量 : 500個
NUMBER OF CONNECTIONS : 500 PIECES/REEL.
7. リードテープ長さ
LEAD TAPE LENGTH

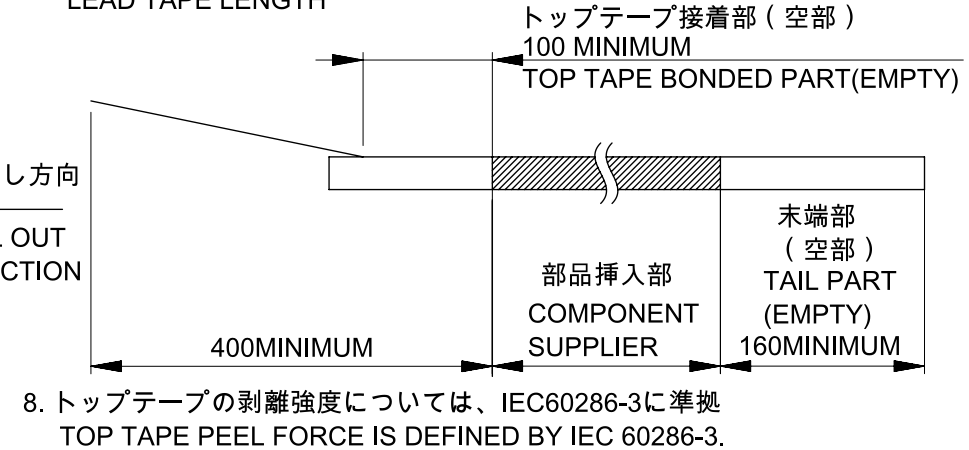


TABLE 2

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 MATERIAL CONTAINED >

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3°
4 PLACES	± 0.20000
3 PLACES	± 0.2000
2 PLACES	± 0.200
1 PLACE	± 0.20
0 PLACES	± 0.20
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN #516676

STATUS: Production
DRWN: Pranav Arunkumar
CHK'D: Ganesh Rao B
APPR: Gurunandan GA

2026-04-28
2026-05-06
2026-05-06

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5054330000	PSD	000	E2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	4 OF 5

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

A3-SIZE

505433

SEE CHART

GENERAL

4 OF 5

