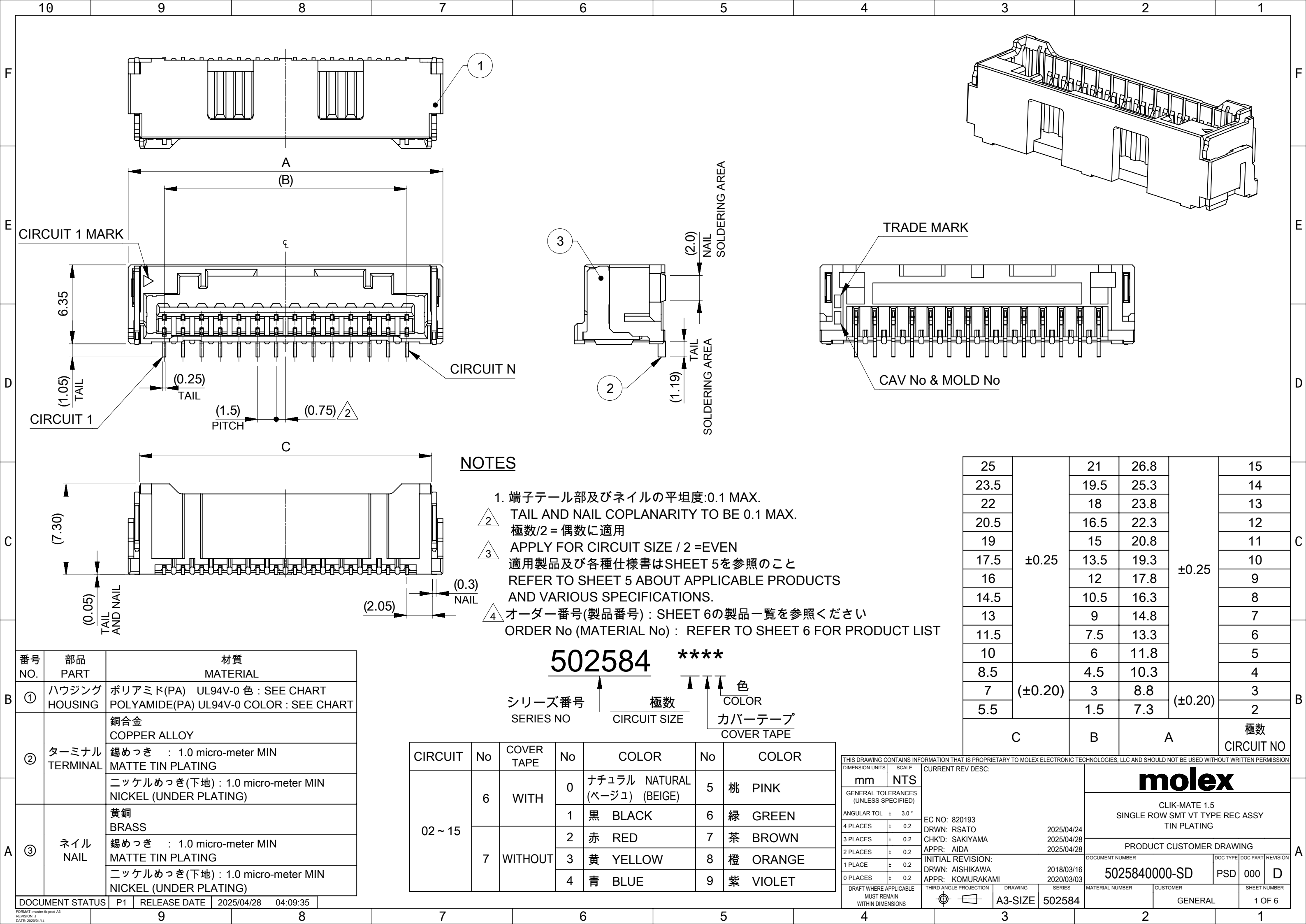




NOTES

1. 端子テール部及びネイルの平坦度:0.1 MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
極数/2 = 偶数に適用
APPLY FOR CIRCUIT SIZE / 2 =EVEN
適用製品及び各種仕様書はSHEET 5を参照のこと
REFER TO SHEET 5 ABOUT APPLICABLE PRODUCTS
AND VARIOUS SPECIFICATIONS.
④ オーダー番号(製品番号) : SHEET 6の製品一覧を参照ください
ORDER No (MATERIAL No) : REFER TO SHEET 6 FOR PRODUCT LIST

502584 ****

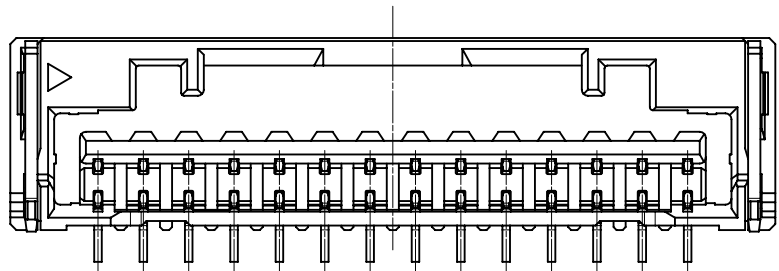
シリーズ番号 極数 色
SERIES NO CIRCUIT SIZE COLOR
カバーテープ
COVER TAPE

CIRCUIT	No	COVER TAPE	No	COLOR	No	COLOR
02 ~ 15	6	WITH	0	ナチュラル (ページュ) NATURAL (BEIGE)	5	桃 PINK
			1	黒 BLACK	6	緑 GREEN
	7	WITHOUT	2	赤 RED	7	茶 BROWN
			3	黄 YELLOW	8	橙 ORANGE
			4	青 BLUE	9	紫 VIOLET

25	±0.25	21	26.8	±0.25	15
23.5		19.5	25.3		14
22		18	23.8		13
20.5		16.5	22.3		12
19		15	20.8		11
17.5		13.5	19.3		10
16		12	17.8		9
14.5		10.5	16.3		8
13		9	14.8		7
11.5		7.5	13.3		6
10	(±0.20)	6	11.8	(±0.20)	5
8.5		4.5	10.3		4
7		3	8.8		3
5.5		1.5	7.3		2
C		B	A		極数 CIRCUIT NO

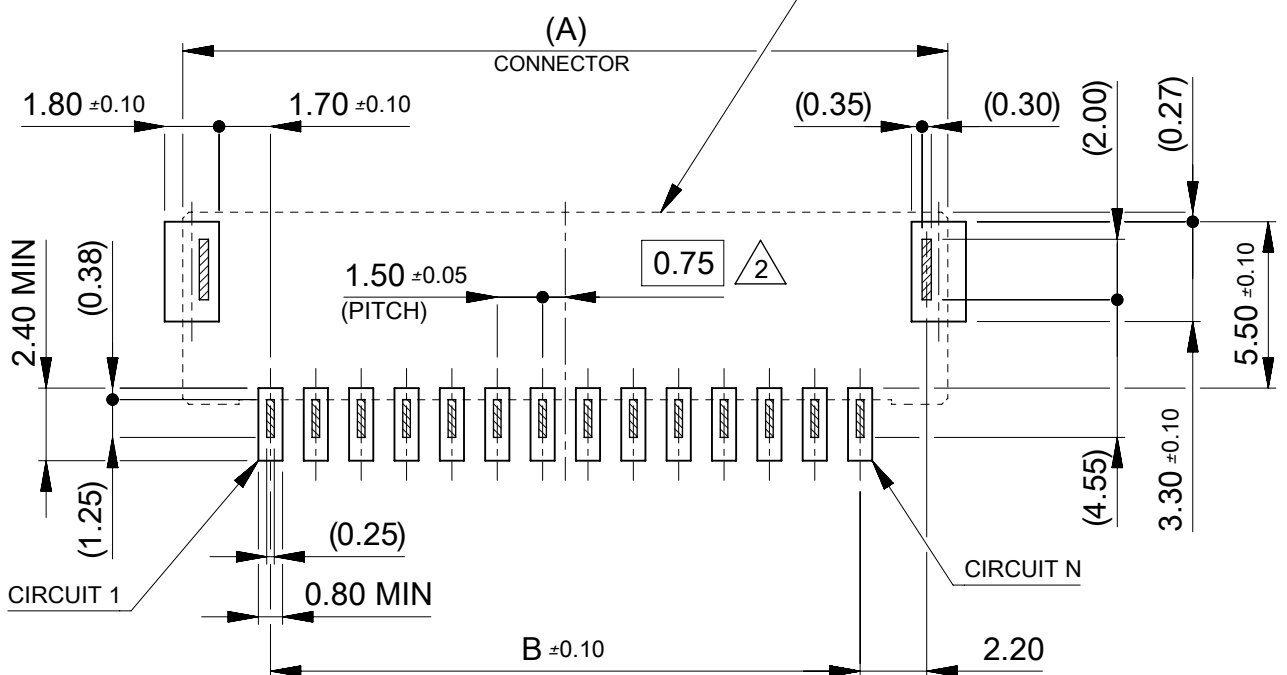
番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド(PA) UL94V-0 色 : SEE CHART POLYAMIDE(PA) UL94V-0 COLOR : SEE CHART
②	ターミナル TERMINAL	銅合金 COPPER ALLOY
		錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING
		ニッケルめっき(下地) : 1.0 micro-meter MIN NICKEL (UNDER PLATING)
③	ネイル NAIL	黄銅 BRASS
		錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING
		ニッケルめっき(下地) : 1.0 micro-meter MIN NICKEL (UNDER PLATING)

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)				CLIK-MATE 1.5 SINGLE ROW SMT VT TYPE REC ASSY TIN PLATING								
ANGULAR TOL ± 3.0 °												
4 PLACES		± 0.2		EC NO: 820193			PRODUCT CUSTOMER DRAWING					
3 PLACES		± 0.2		DRWN: RSATO 2025/04/24								
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2025/04/28								
1 PLACE		± 0.2		APPR: AIDA 2025/04/28			DOCUMENT NUMBER 5025840000-SD					
0 PLACES		± 0.2		INITIAL REVISION: DRWN: AISHIKAWA 2018/03/16 APPR: KOMURAKAMI 2020/03/03						DOC TYPE PSD	DOC PART 000	REVISION D
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 502584	MATERIAL NUMBER		CUSTOMER GENERAL	SHEET NUMBER 1 OF 6	



製品レイアウト
PRODUCT LAYOUT

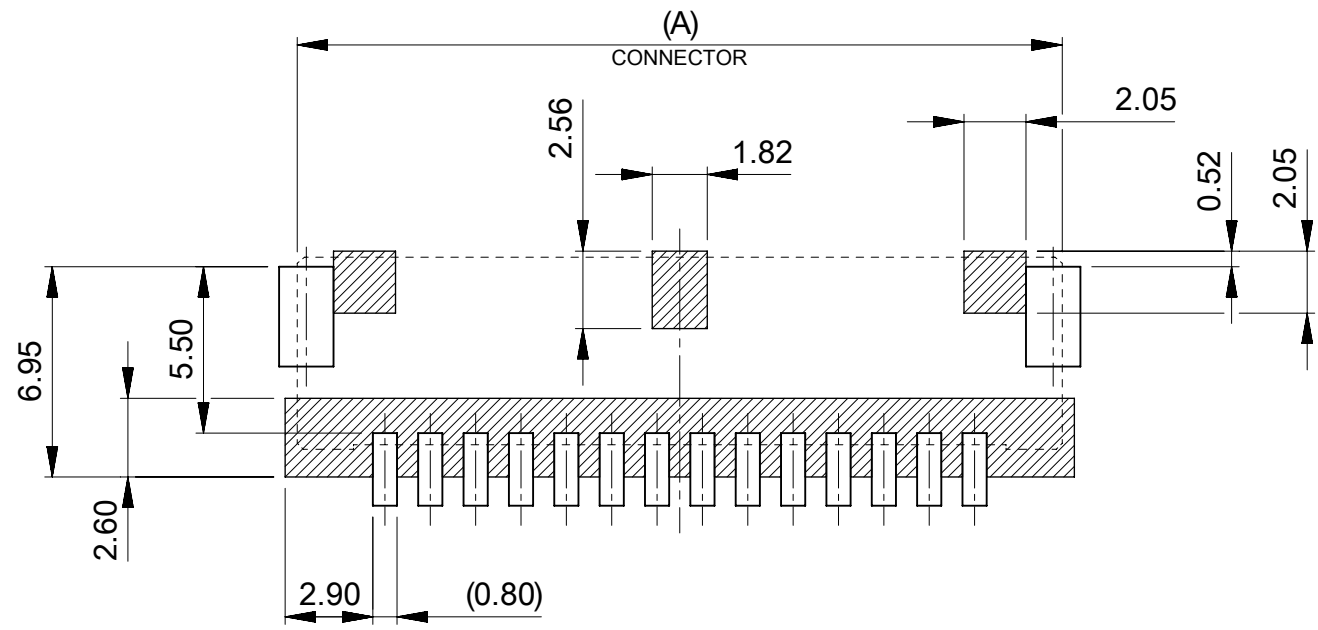
コネクタ外形
CONNECTOR OUTLINE



基板レイアウト(参考)

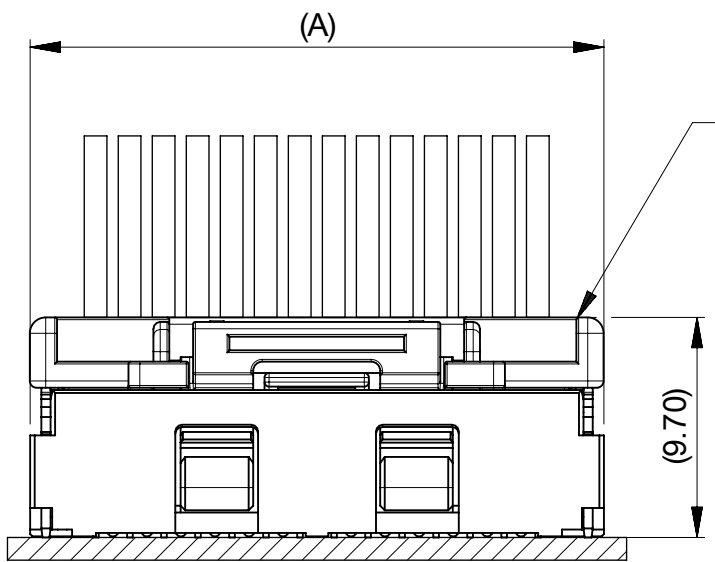
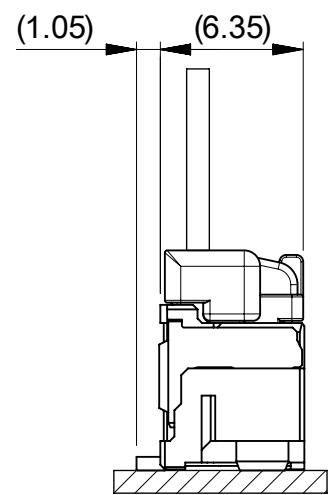
PCB PATTERN LAYOUT (REFERENCE)

(参考: メタルマスク厚さ 0.10mm, マスク開口率100%)
(REFERENCE: METAL STENCIL THICKNESS 0.10mm, APERTURE RATIO 100%)



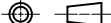
パターン非推奨エリア

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 RECCOMENDED ON THE HATCHED AREA.
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHED AREA.



嵌合相手: 502578 シリーズ
MATE WITH: 502578 SERIES

嵌合図
MATED CONNECTORS

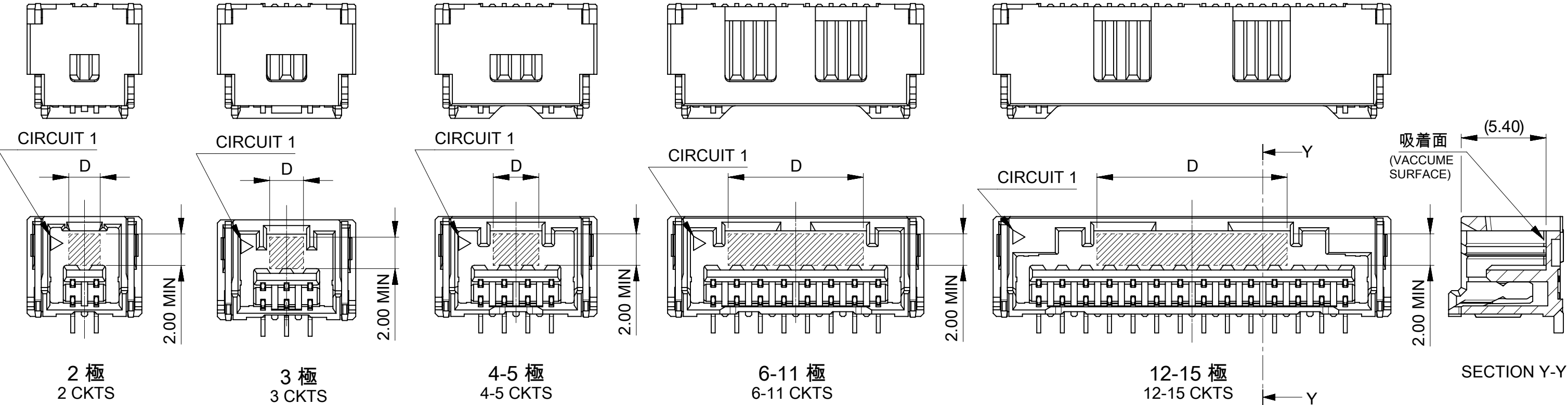
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex CLIK-MATE 1.5 SINGLE ROW SMT VT TYPE REC ASSY TIN PLATING							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3.0 °				EC NO: 820193 DRWN: RSATO 2025/04/24 CHK'D: SAKIYAMA 2025/04/28 APPR: AIDA 2025/04/28				PRODUCT CUSTOMER DRAWING							
4 PLACES ± 0.2															
3 PLACES ± 0.2															
2 PLACES ± 0.2		INITIAL REVISION: DRWN: AISHIKAWA 2018/03/16 APPR: KOMURAKAMI 2020/03/03				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
1 PLACE ± 0.2						5025840000-SD		PSD	000	D					
0 PLACES ± 0.2															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER		
						A3-SIZE		502584				GENERAL		2 OF 6	

WITHOUT COVER TAPE

MATERIAL No. : 502584 **7*

ロック形状および吸着エリア

LOCK SHAPE AND VACCUME AREA

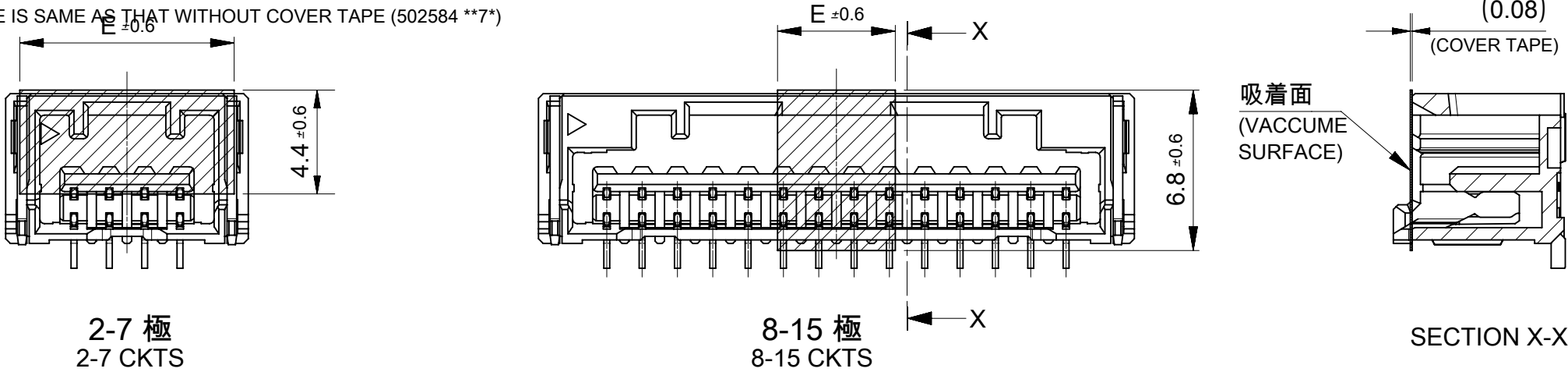


WITH COVER TAPE

MATERIAL No. : 502584 **6*

ロック形状はカバーテープなし(502584 **7*)と共通

LOCK SHAPE IS SAME AS THAT WITHOUT COVER TAPE (502584 **7*)



5.0	12.1	15
		14
		13
		12
		11
10.1	10.1	10
		9
		8
8.6	8.6	8
13.6	7.1	7
12.1	6.2	6
10.6	3.2	5
9.1	2.9	4
7.6	2.15	3
6.1	2.0	2
E	D	極数 CIRCUIT NO

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 CLIK-MATE 1.5 SINGLE ROW SMT VT TYPE REC ASSY TIN PLATING PRODUCT CUSTOMER DRAWING							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2		EC NO: 820193 DRWN: RSATO 2025/04/24 CHK'D: SAKIYAMA 2025/04/28 APPR: AIDA 2025/04/28				DOCUMENT NUMBER 5025840000-SD		DOC TYPE PSD		DOC PART 000		REVISION D	
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2		INITIAL REVISION: DRWN: AISHIKAWA 2018/03/16 APPR: KOMURAKAMI 2020/03/03				MATERIAL NUMBER		CUSTOMER GENERAL		SHEET NUMBER 3 OF 6			
0 PLACES		± 0.2													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 502584							

10

9

8

7

6

5

4

3

2

1

F

E

D

C

B

A

△3

適用製品及び各種仕様書

APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	DOCUMENT NUMBER	
	502584 **7* 502584 **6*	SPK-502584-001	

適用嵌合相手 MATE WITH	HOUSING	TERMINAL (TIN PLATING)	
		#24-28	#28-30
シリーズ番号 SERIES NUMBER	502578	502579 0000	503429 0000
製品仕様書 PRODUCT SPECIFICATION	5025780000-PS		
アプリケーション仕様書 APPLICATION SPECIFICATION	AS-502578-001		

DOCUMENT STATUS	P1	RELEASE DATE	2025/04/28	04:09:35
-----------------	----	--------------	------------	----------

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
<table><tr><td>DIMENSION UNITS</td><td>SCALE</td></tr><tr><td>mm</td><td>NTS</td></tr></table>	DIMENSION UNITS	SCALE	mm	NTS	CURRENT REV DESC:	molex CLIK-MATE 1.5 SINGLE ROW SMT VT TYPE REC ASSY TIN PLATING PRODUCT CUSTOMER DRAWING	
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	EC NO: 820193 DRWN: RSATO 2025/04/24 CHK'D: SAKIYAMA 2025/04/28 APPR: AIDA 2025/04/28					
1 PLACE	± 0.2						
0 PLACES	± 0.2						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
		A3-SIZE	502584	5025840000-SD	PSD	000	D

FORMAT: master-b-prod-A3
REVISION: J
DATE: 2020/01/14

9

8

7

6

5

4

3

2

1

10		9		8		7		6		5		4		3		2		1			
△4 製品一覧 PRODUCT LIST																					
HOUSING COLOR : BLUE		HOUSING COLOR : YELLOW				HOUSING COLOR : RED				HOUSING COLOR : BLACK				HOUSING COLOR : NATURAL (BEIGE)							
WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE			
502584 1574		502584 1564		502584 1573		502584 1563		502584 1572		502584 1562		502584 1571		502584 1561		502584 1570		502584 1560		15	
502584 1474		502584 1464		502584 1473		502584 1463		502584 1472		502584 1462		502584 1471		502584 1461		502584 1470		502584 1460		14	
502584 1374		502584 1364		502584 1373		502584 1363		502584 1372		502584 1362		502584 1371		502584 1361		502584 1370		502584 1360		13	
502584 1274		502584 1264		502584 1273		502584 1263		502584 1272		502584 1262		502584 1271		502584 1261		502584 1270		502584 1260		12	
502584 1174		502584 1164		502584 1173		502584 1163		502584 1172		502584 1162		502584 1171		502584 1161		502584 1170		502584 1160		11	
502584 1074		502584 1064		502584 1073		502584 1063		502584 1072		502584 1062		502584 1071		502584 1061		502584 1070		502584 1060		10	
502584 0974		502584 0964		502584 0973		502584 0963		502584 0972		502584 0962		502584 0971		502584 0961		502584 0970		502584 0960		9	
502584 0874		502584 0864		502584 0873		502584 0863		502584 0872		502584 0862		502584 0871		502584 0861		502584 0870		502584 0860		8	
502584 0774		502584 0764		502584 0773		502584 0763		502584 0772		502584 0762		502584 0771		502584 0761		502584 0770		502584 0760		7	
502584 0674		502584 0664		502584 0673		502584 0663		502584 0672		502584 0662		502584 0671		502584 0661		502584 0670		502584 0660		6	
502584 0574		502584 0564		502584 0573		502584 0563		502584 0572		502584 0562		502584 0571		502584 0561		502584 0570		502584 0560		5	
502584 0474		502584 0464		502584 0473		502584 0463		502584 0472		502584 0462		502584 0471		502584 0461		502584 0470		502584 0460		4	
502584 0374		502584 0364		502584 0373		502584 0363		502584 0372		502584 0362		502584 0371		502584 0361		502584 0370		502584 0360		3	
502584 0274		502584 0264		502584 0273		502584 0263		502584 0272		502584 0262		502584 0271		502584 0261		502584 0270		502584 0260		2	
オーダー番号 ORDER No																				極数 CIRCUIT	
HOUSING COLOR : VIOLET		HOUSING COLOR : ORANGE				HOUSING COLOR : BROWN				HOUSING COLOR : GREEN				HOUSING COLOR : PINK							
WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE		WITHOUT COVER TAPE		WITH COVER TAPE			
502584 1579		502584 1569		502584 1578		502584 1568		502584 1577		502584 1567		502584 1576		502584 1566		502584 1575		502584 1565		15	
502584 1479		502584 1469		502584 1478		502584 1468		502584 1477		502584 1467		502584 1476		502584 1466		502584 1475		502584 1465		14	
502584 1379		502584 1369		502584 1378		502584 1368		502584 1377		502584 1367		502584 1376		502584 1366		502584 1375		502584 1365		13	
502584 1279		502584 1269		502584 1278		502584 1268		502584 1277		502584 1267		502584 1276		502584 1266		502584 1275		502584 1265		12	
502584 1179		502584 1169		502584 1178		502584 1168		502584 1177		502584 1167		502584 1176		502584 1166		502584 1175		502584 1165		11	
502584 1079		502584 1069		502584 1078		502584 1068		502584 1077		502584 1067		502584 1076		502584 1066		502584 1075		502584 1065		10	
502584 0979		502584 0969		502584 0978		502584 0968		502584 0977		502584 0967		502584 0976		502584 0966		502584 0975		502584 0965		9	
502584 0879		502584 0869		502584 0878		502584 0868		502584 0877		502584 0867		502584 0876		502584 0866		502584 0875		502584 0865		8	
502584 0779		502584 0769		502584 0778		502584 0768		502584 0777		502584 0767		502584 0776		502584 0766		502584 0775		502584 0765		7	
502584 0679		502584 0669		502584 0678		502584 0668		502584 0677		502584 0667		502584 0676		502584 0666		502584 0675		502584 0665		6	
502584 0579		502584 0569		502584 0578		502584 0568		502584 0577		502584 0567		502584 0576		502584 0566		502584 0575		502584 0565		5	
502584 0479		502584 0469		502584 0478		502584 0468		502584 0477		502584 0467		502584 0476		502584 0466		502584 0475		502584 0465		4	
502584 0379		502584 0369		502584 0378		502584 0368		502584 0377		502584 0367		502584 0376		502584 0366		502584 0375		502584 0365		3	
502584 0279		502584 0269		502584 0278		502584 0268		502584 0277		502584 0267		502584 0276		502584 0266		502584 0275		502584 0265		2	
オーダー番号 ORDER No																				極数 CIRCUIT	