

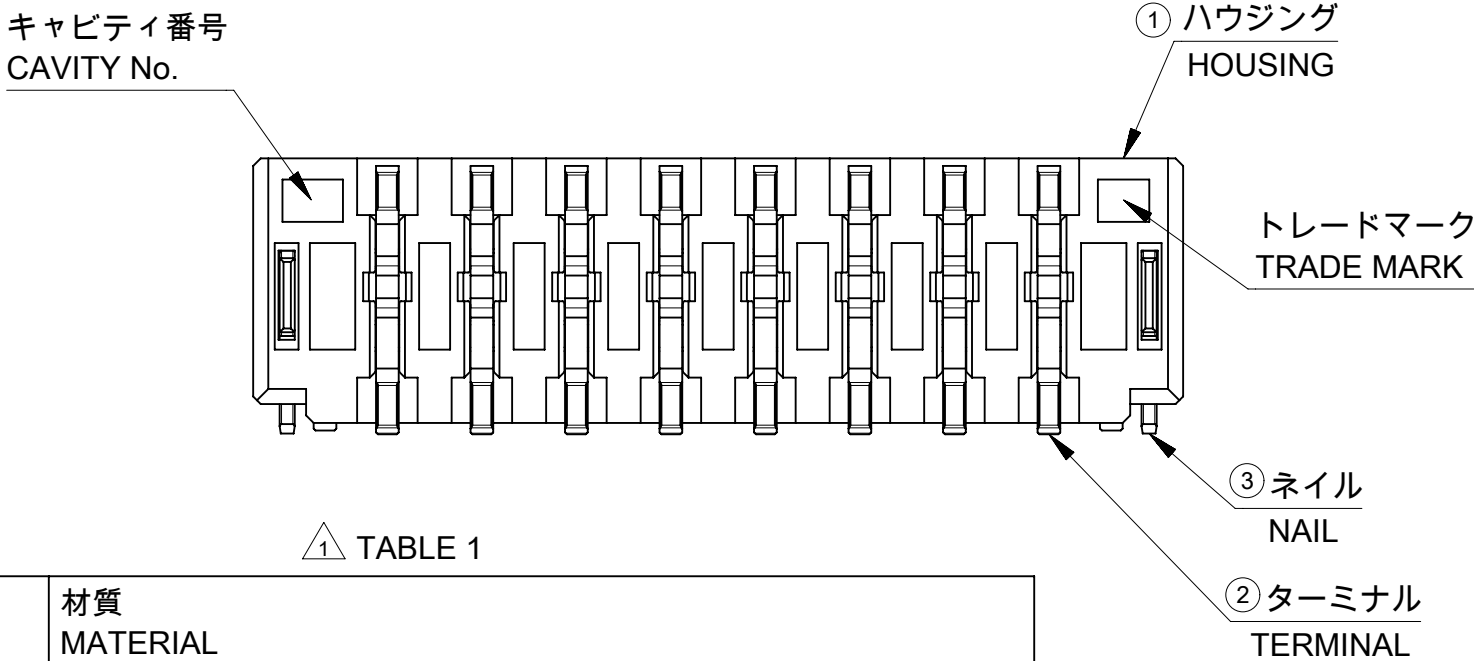
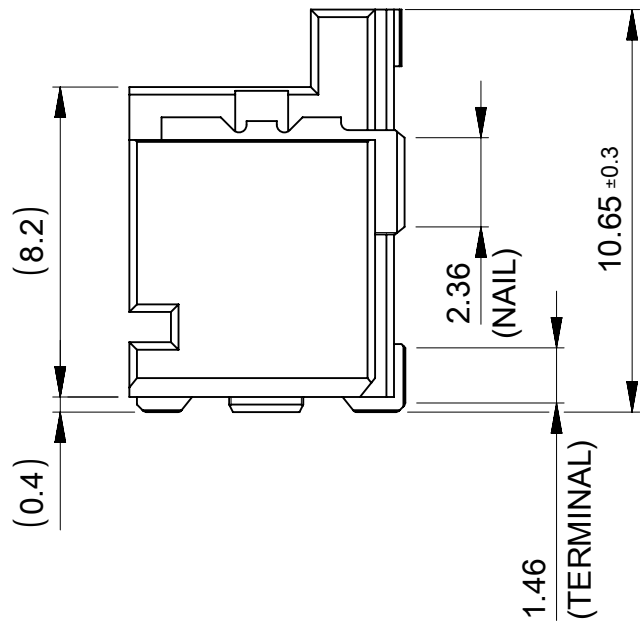
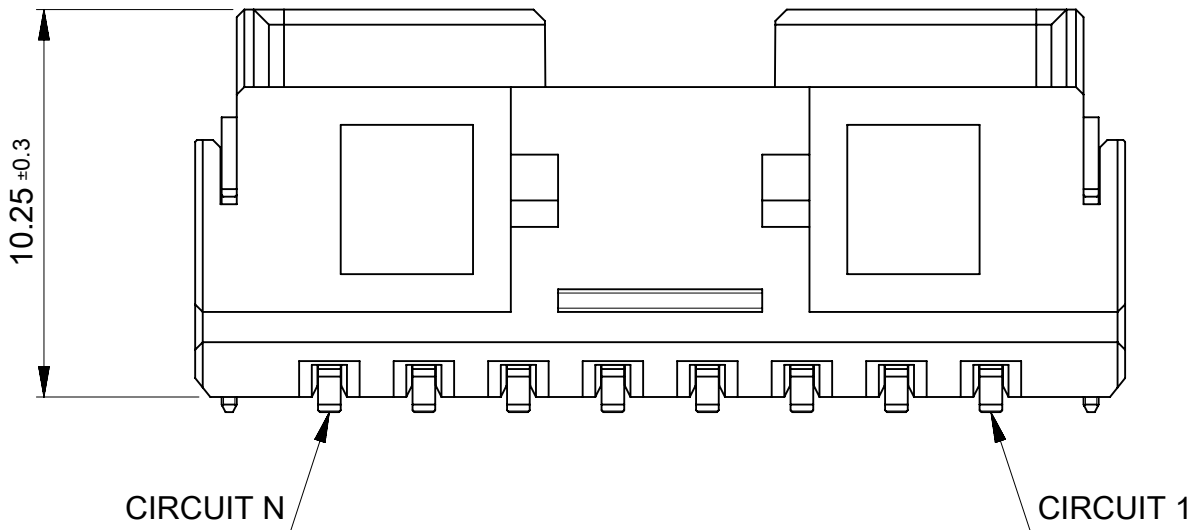
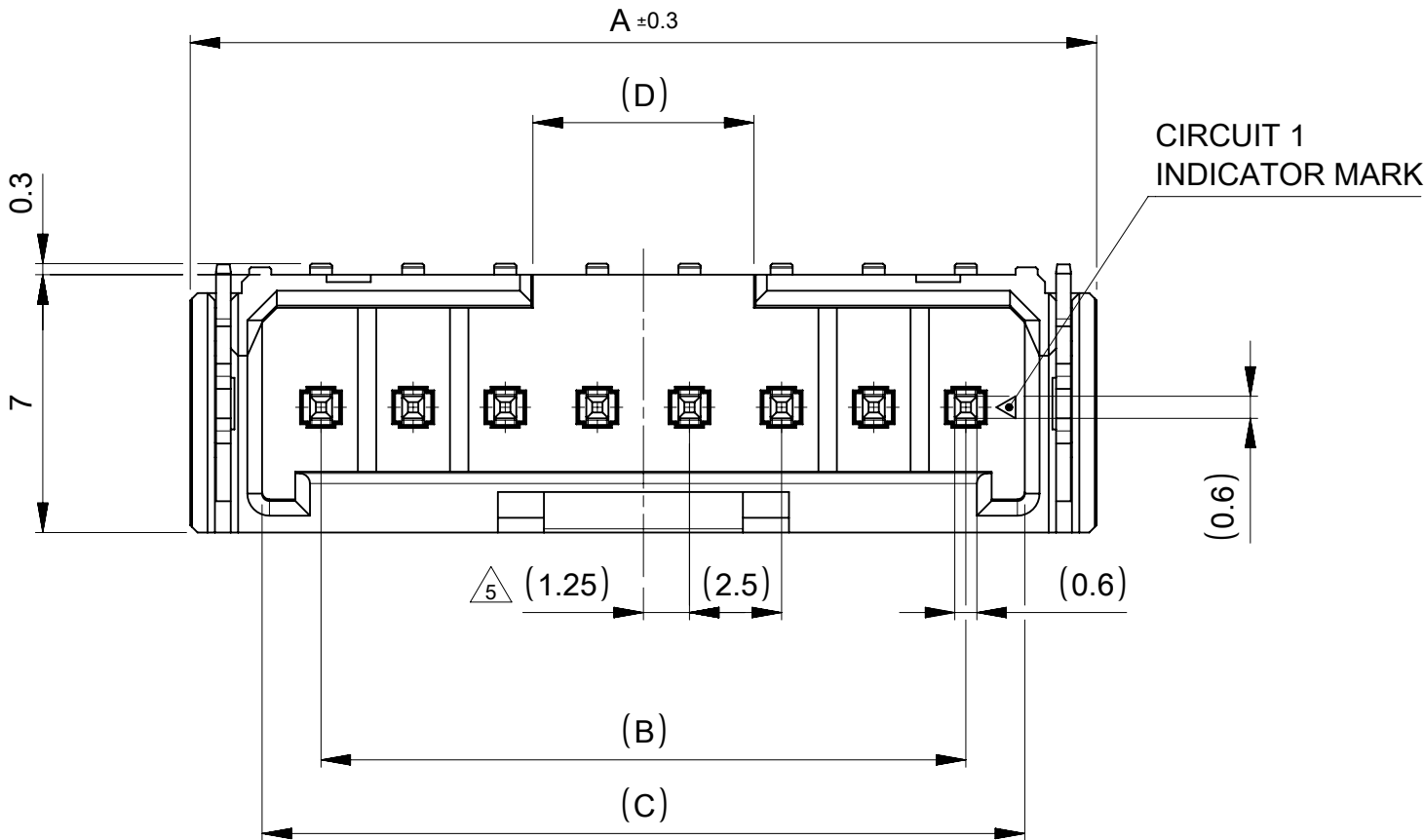
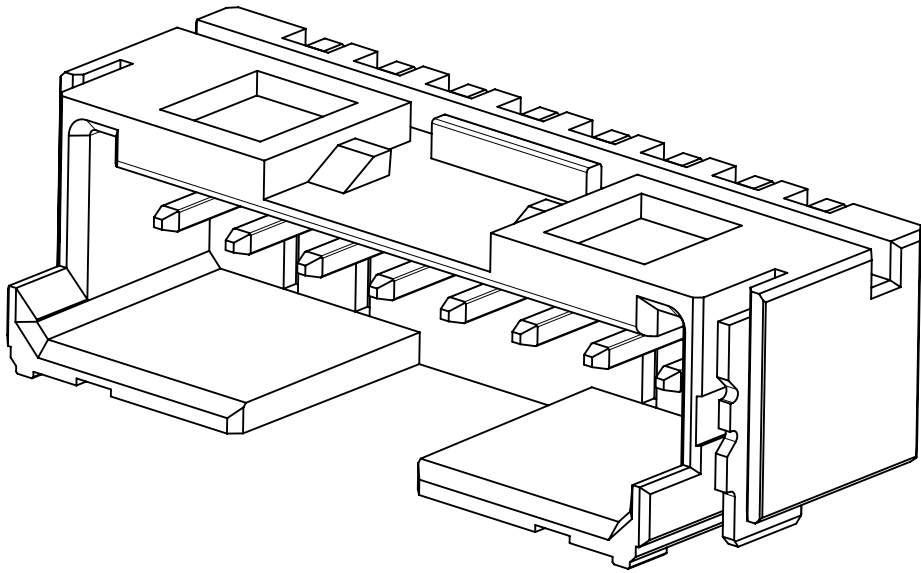


TABLE 1

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 1参照 POLYAMIDE (PA),GLASS FILLED,UL94 V-0,COLOR:SEE SHEET 1
②	ターミナル TERMINAL	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)
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)
DOCUMENT STATUS		P1 RELEASE DATE 2023/07/06 11:27:55



NOTES

- 材料及び仕上げ(めっき仕様) : TABLE 1参照
MATERIAL AND FINISHES : SEE TABLE 1
- 製品仕様書 : 511630000-PS 000
PRODUCT SPECIFICATION:511630000-PS 000
- 嵌合相手 : 51163 シリーズ
MATES WITH:51163 SERIES
- アプリケーション仕様書(コネクタ取扱い説明書) : 2166940000-AS PS 000
APPLICATION SPECIFICATION(CONNECTOR MANUAL) : 2166940000-AS PS 000
- 偶数極に適合
APPLY FOR EVEN CIRCUIT
- GLOW WIRE TEST適合品
THIS PRODUCT IS GLOW WIRE TEST COMPATIBLE.
- ターミナルとネイルの平坦度は0.15mm以下
TERMINAL AND NAIL COPLANARITY : 0.15mm MAXIMUM.
- 発注番号 ORDER NUMBER

215932 ** 7 *

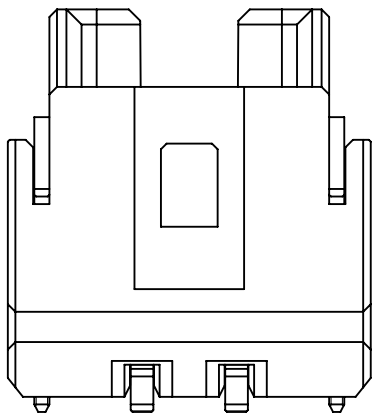
極数
CIRCUIT SIZE

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

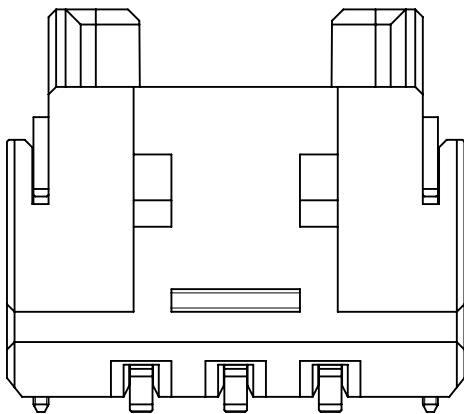
製品一覧 PRODUCT LIST

				黒 BLACK	ナチュラル (ベージュ) NATURAL (BEIGE)	ハウジングカラー HOUSING COLOR
6	38.2	35	42.1	2159321571	2159321570	15
6	35.7	32.5	39.6	2159321471	2159321470	14
6	33.2	30	37.1	2159321371	2159321370	13
6	30.7	27.5	34.6	2159321271	2159321270	12
6	28.2	25	32.1	2159321171	2159321170	11
6	25.7	22.5	29.6	2159321071	2159321070	10
6	23.2	20	27.1	2159320971	2159320970	9
6	20.7	17.5	24.6	2159320871	2159320870	8
6	18.2	15	22.1	2159320771	2159320770	7
6	15.7	12.5	19.6	2159320671	2159320670	6
6	13.2	10	17.1	2159320571	2159320570	5
6	10.7	7.5	14.6	2159320471	2159320470	4
5	8.2	5	12.1	2159320371	2159320370	3
2.5	5.7	2.5	9.6	2159320271	2159320270	2
D	C	B	A	オーダー番号 : ORDER NUMBER		極数 CIRCUIT SIZE
				梱包形態 : エンボス梱包 PACKAGING : EMBOSSED TAPE AND REEL		

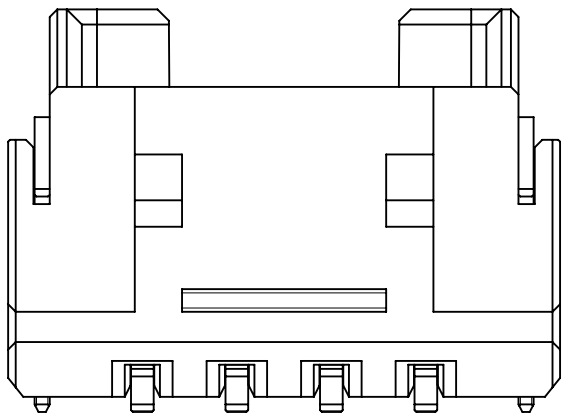
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				MINI-LOCK 2.5 SINGLE ROW HEADER ASSEMBLY SMT RA						
ANGULAR TOL ± 3.0 °										
4 PLACES		± 0.2		EC NO: 755760			PRODUCT CUSTOMER DRAWING			
3 PLACES		± 0.2		DRWN: RWATANABE01 2023/07/05						
2 PLACES		± 0.2		CHK'D: AIDA 2023/07/06						
1 PLACE		± 0.2		APPR: SAKIYAMA 2023/07/06			DOCUMENT NUMBER 2159320000-SD			
0 PLACES		± 0.2		INITIAL REVISION:						DOC TYPE PSD
0 PLACES		± 0.2		DRWN: RWATANABE01 2021/11/11			MATERIAL NUMBER SEE SHEET 1			
				APPR: SAKIYAMA 2022/04/01						CUSTOMER GENERAL
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A2-SIZE	SERIES 215932			
										



2CIRCUIT

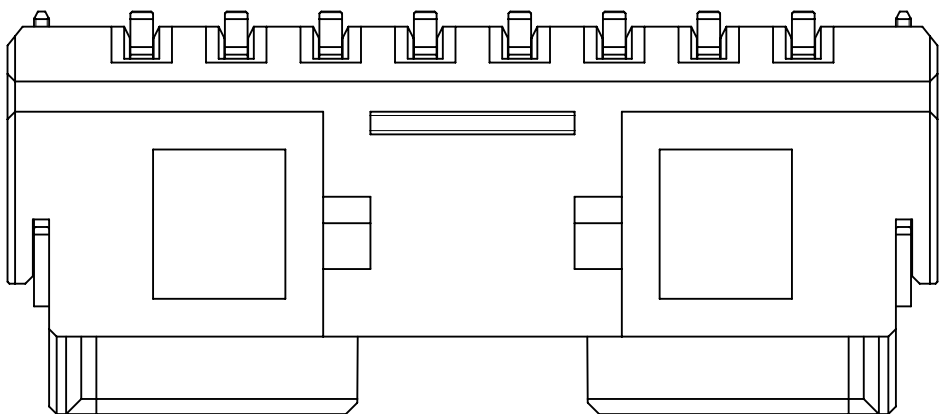


3CIRCUIT

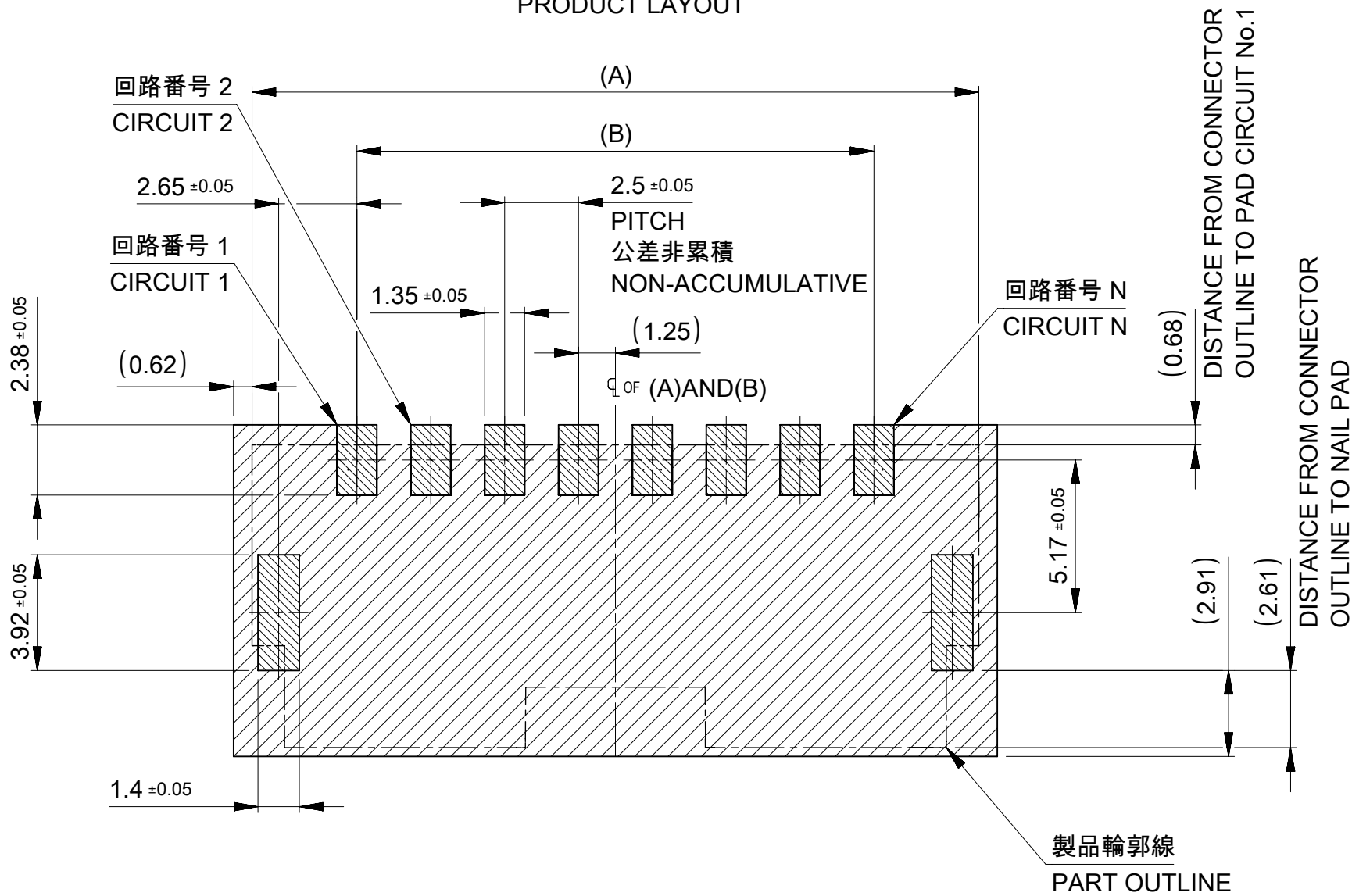


4-15CIRCUIT

ロック形状図
LOCK CONFIGURATION



製品レイアウト
PRODUCT LAYOUT

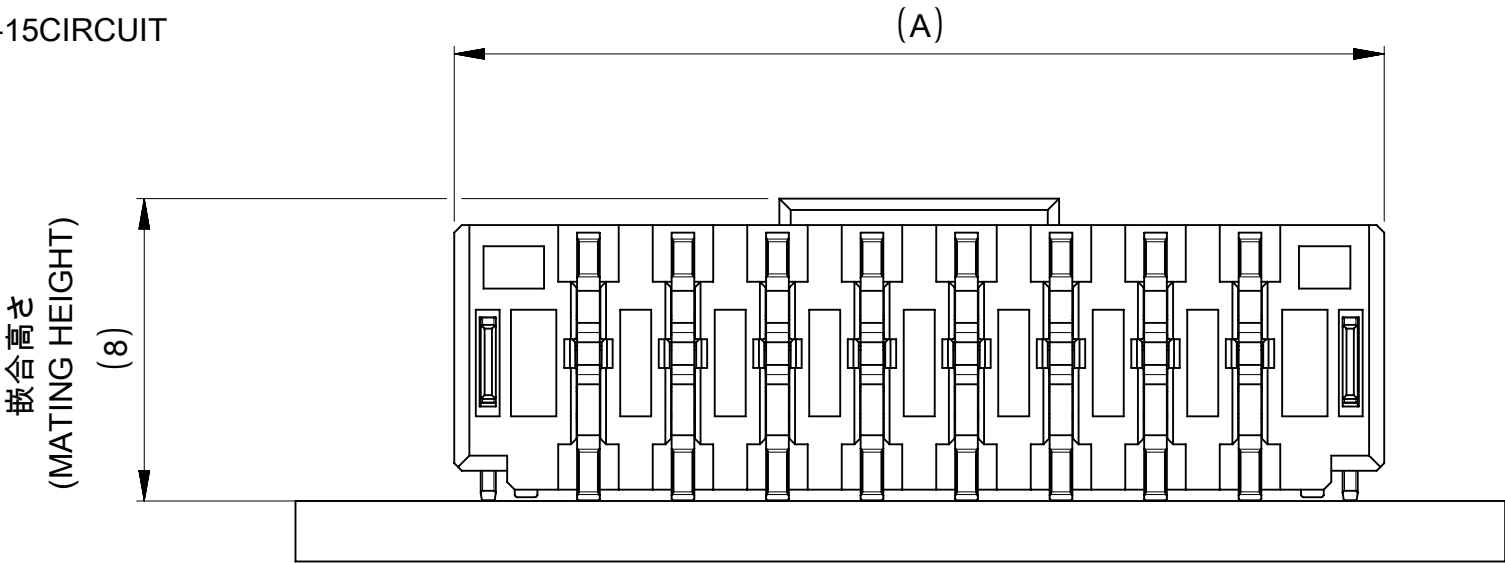


推奨基板レイアウト
RECOMMENDED PCB PATTERN LAYOUT

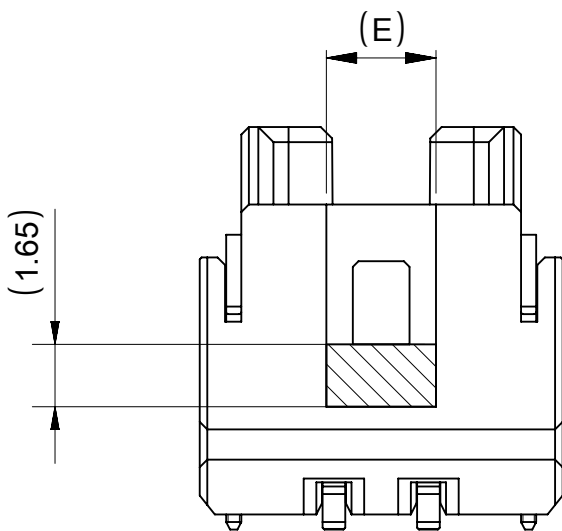
(参考：基板厚1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)



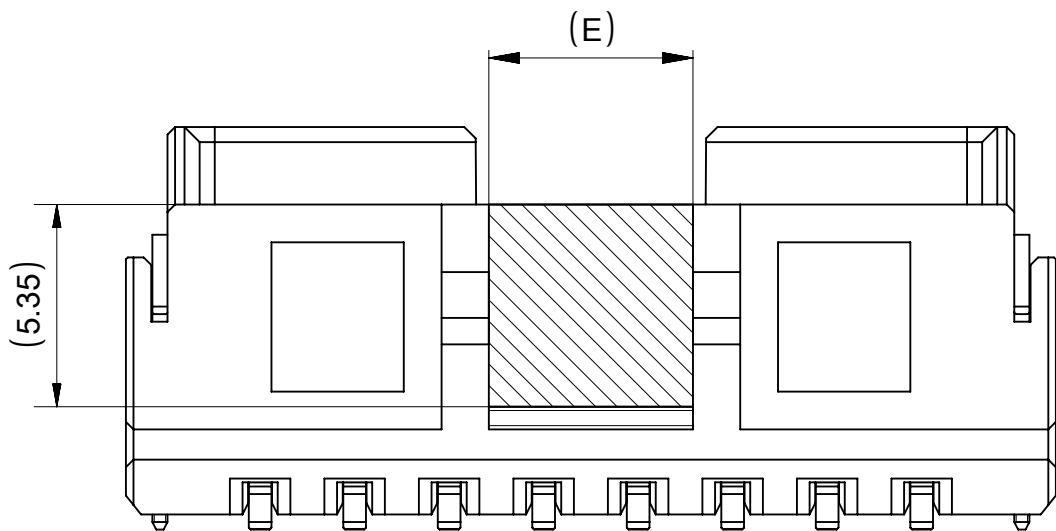
パターン非推奨エリア
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHING AREA.



嵌合高さ
(MATING HEIGHT)



2CIRCUIT



3-15CIRCUIT

吸着範囲
SUCTION AREA

ヘッダー アセンブリ
HEADER ASSEMBLY
215932**0*

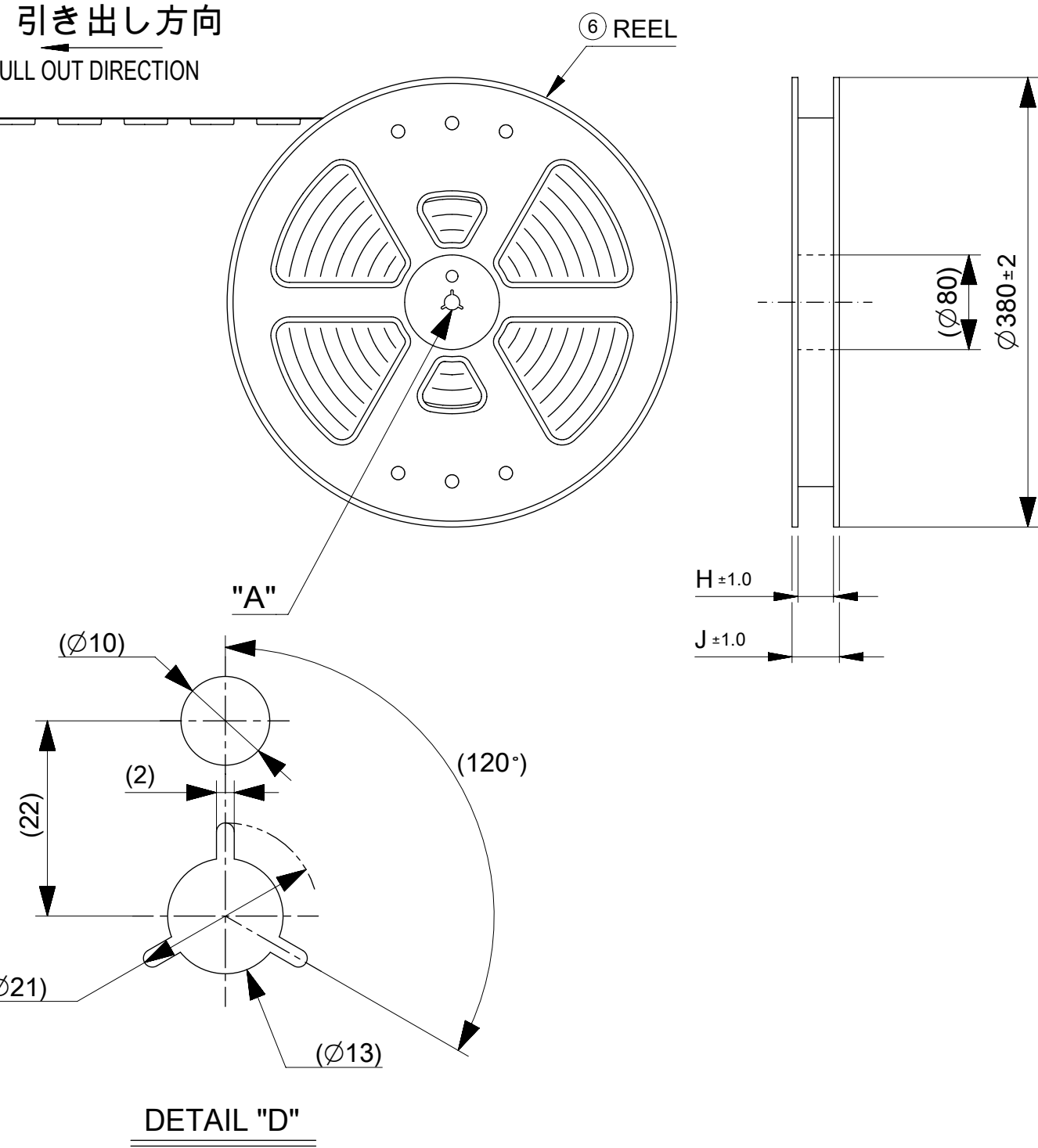
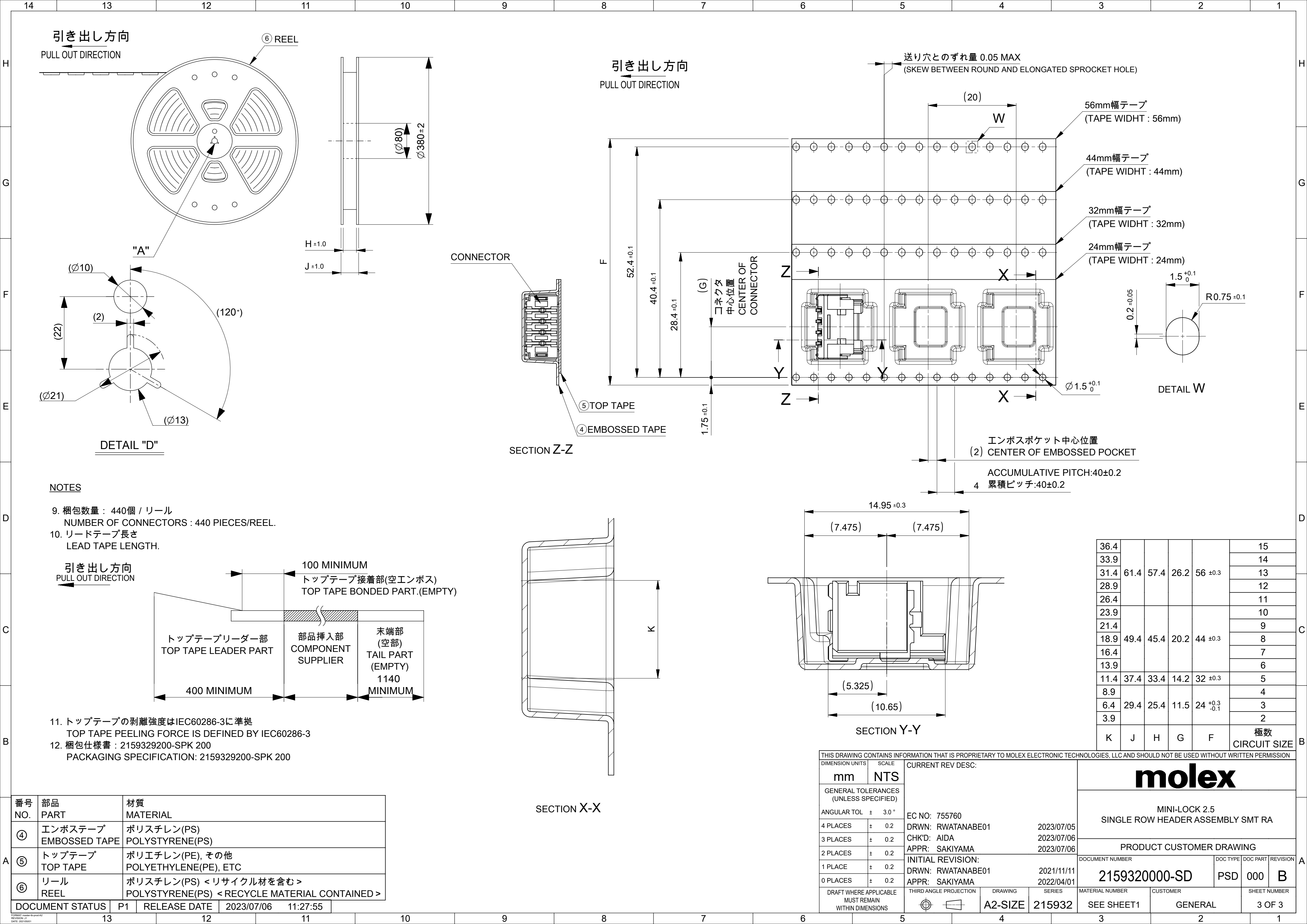
ハウジング
HOUSING
51163****

リテーナー
RETAINER
51164**05

嵌合状態図
MATED CONNECTORS

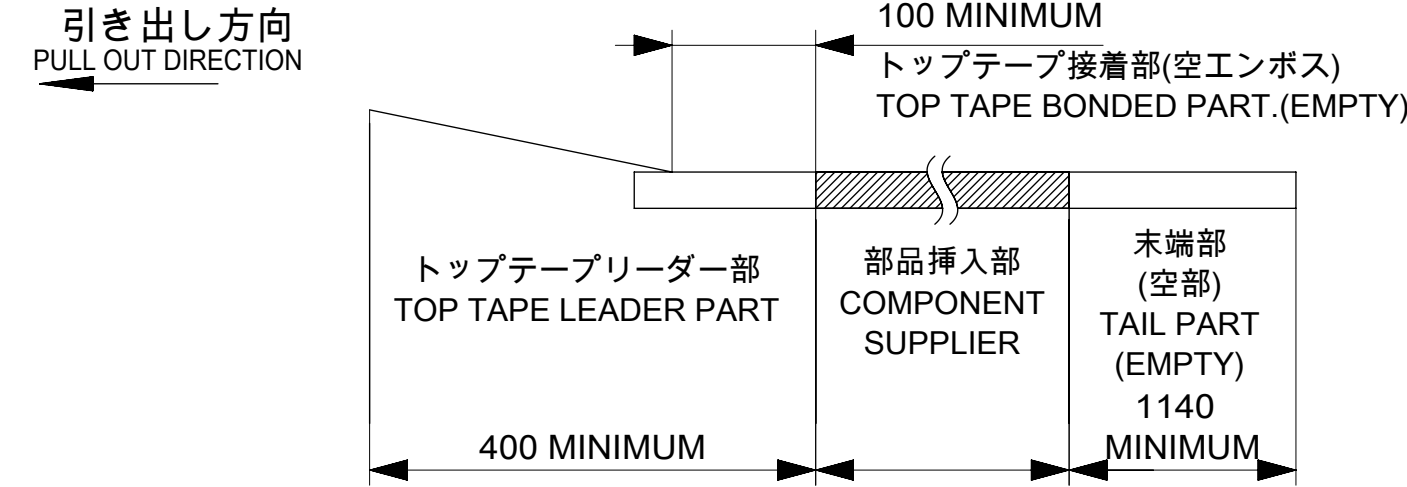
5.4	15
5.4	14
5.4	13
5.4	12
5.4	11
5.4	10
5.4	9
5.4	8
5.4	7
5.4	6
5.4	5
5.4	4
3.4	3
2.9	2
E	極数 CIRCUIT SIZE

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI-LOCK 2.5 SINGLE ROW HEADER ASSEMBLY SMT RA							
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2		EC NO: 755760		PRODUCT CUSTOMER DRAWING		DOCUMENT NUMBER 2159320000-SD		DOC TYPE PSD		DOC PART 000		REVISION B	
3 PLACES		± 0.2		DRWN: RWATANABE01 2023/07/05											
2 PLACES		± 0.2		CHK'D: AIDA 2023/07/06											
1 PLACE		± 0.2		APPR: SAKIYAMA 2023/07/06		INITIAL REVISION:		SHEET NUMBER GENERAL		2 OF 3					
0 PLACES		± 0.2		DRWN: RWATANABE01 2021/11/11											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A2-SIZE								SERIES 215932			
															

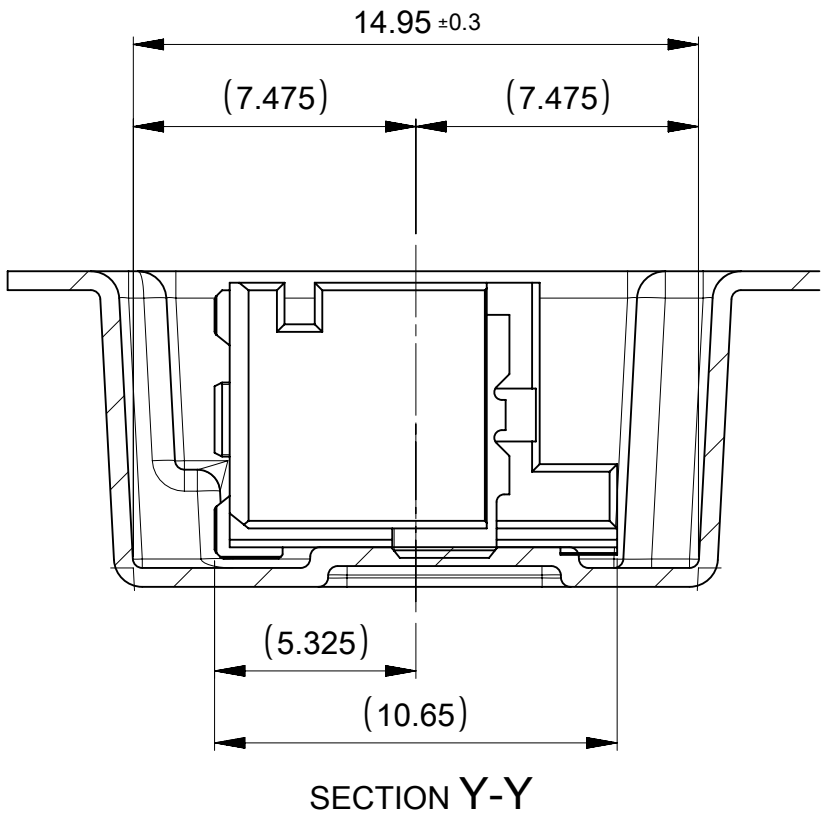
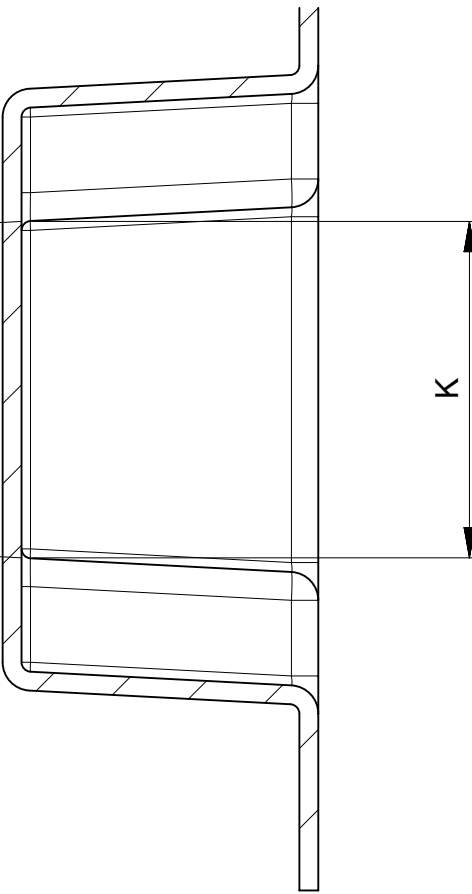
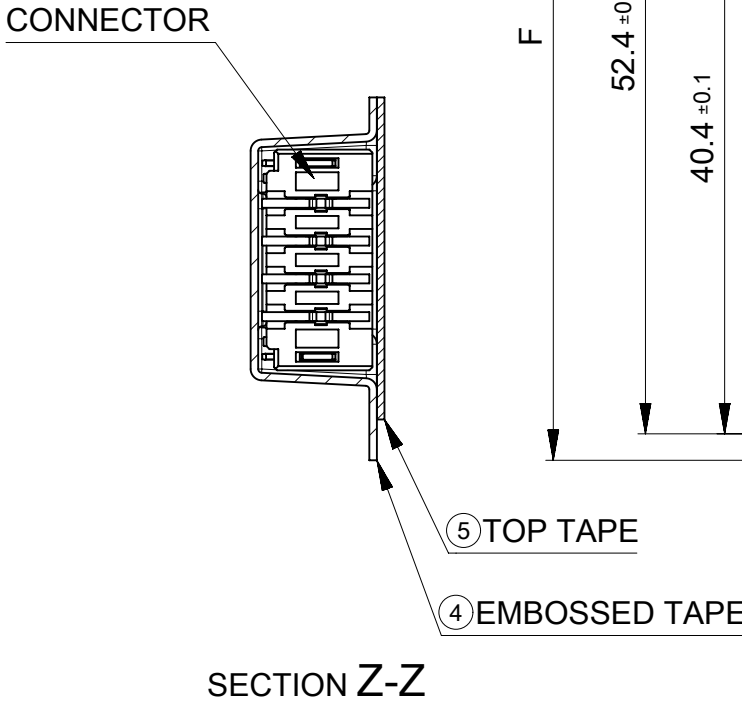


NOTES

9. 梱包数量：440個 / リール
NUMBER OF CONNECTORS : 440 PIECES/REEL.
10. リードテープ長さ
LEAD TAPE LENGTH.



11. 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
12. 梱包仕様書：2159329200-SPK 200
PACKAGING SPECIFICATION: 2159329200-SPK 200



36.4					15
33.9					14
31.4	61.4	57.4	26.2	56 ±0.3	13
28.9					12
26.4					11
23.9					10
21.4					9
18.9	49.4	45.4	20.2	44 ±0.3	8
16.4					7
13.9					6
11.4	37.4	33.4	14.2	32 ±0.3	5
8.9					4
6.4	29.4	25.4	11.5	24 ^{+0.3} _{-0.1}	3
3.9					2
K	J	H	G	F	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:				molex	
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 755760 DRWN: RWATANABE01 2023/07/05 CHK'D: AIDA 2023/07/06 APPR: SAKIYAMA 2023/07/06		MINI-LOCK 2.5 SINGLE ROW HEADER ASSEMBLY SMT RA			
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	
						A2-SIZE		215932	
				DOCUMENT NUMBER		DOC TYPE		DOC PART	
				2159320000-SD		PSD		000	
								B	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE SHEET1		GENERAL		3 OF 3	

molex

MINI-LOCK 2.5
SINGLE ROW HEADER ASSEMBLY SMT RA

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

2159320000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

B

MATERIAL NUMBER

SEE SHEET1

CUSTOMER

GENERAL

SHEET NUMBER

3 OF 3