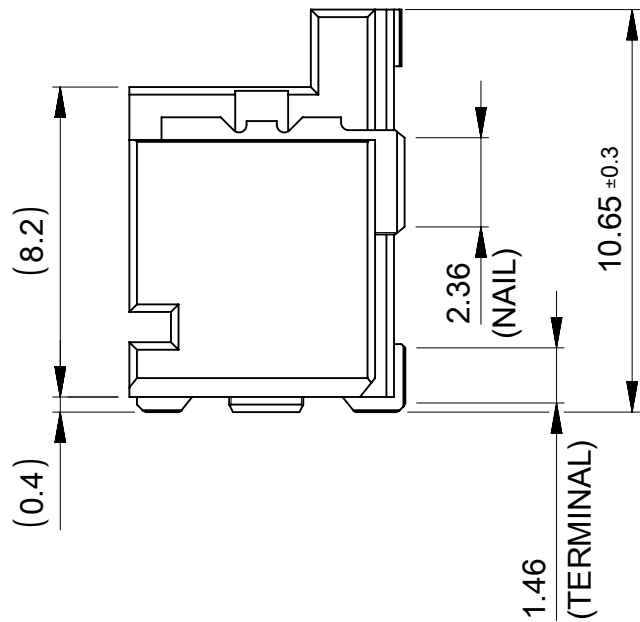
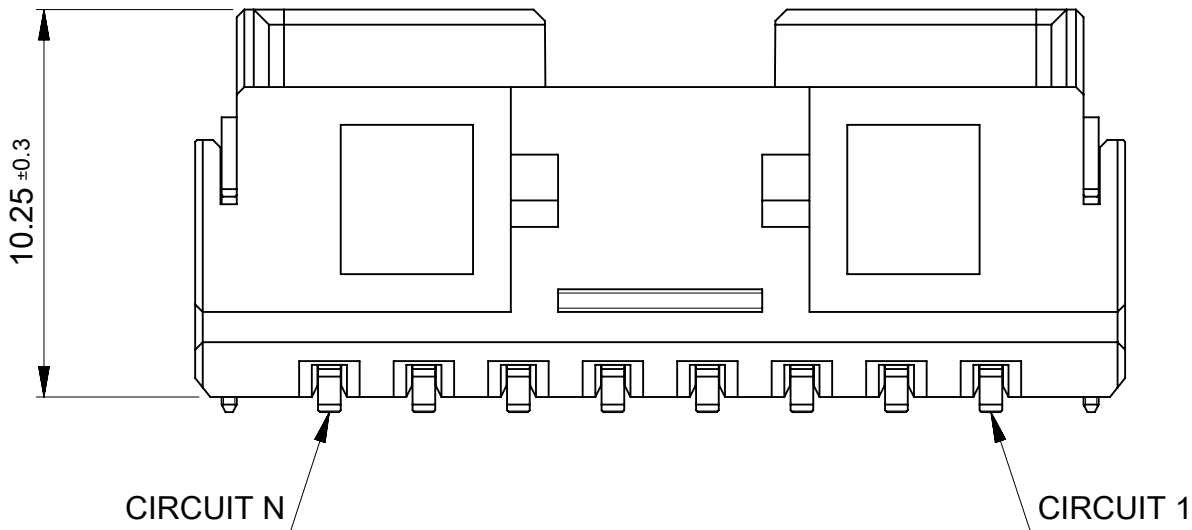
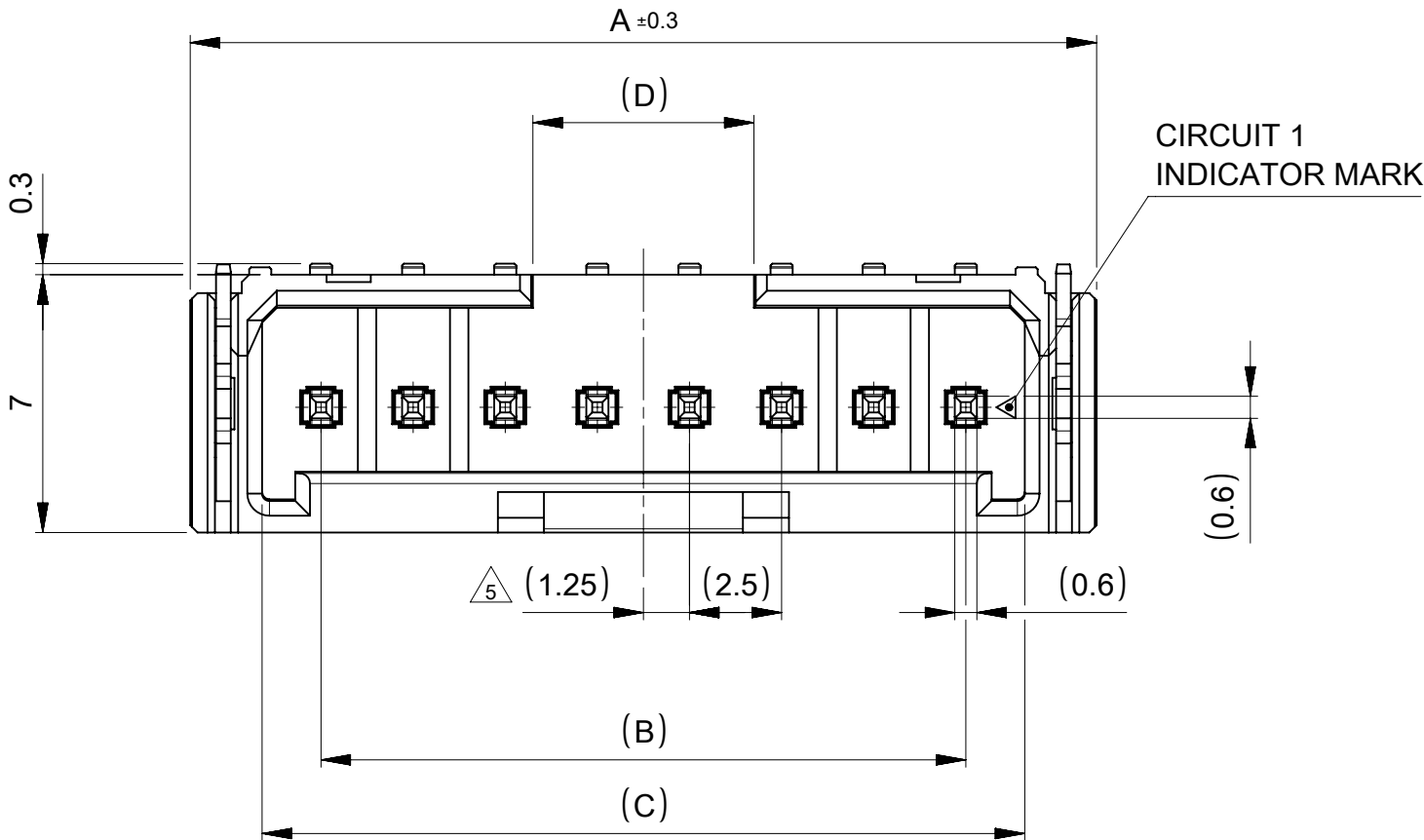




キャビティ番号
CAVITY No.

①ハウジング
HOUSING

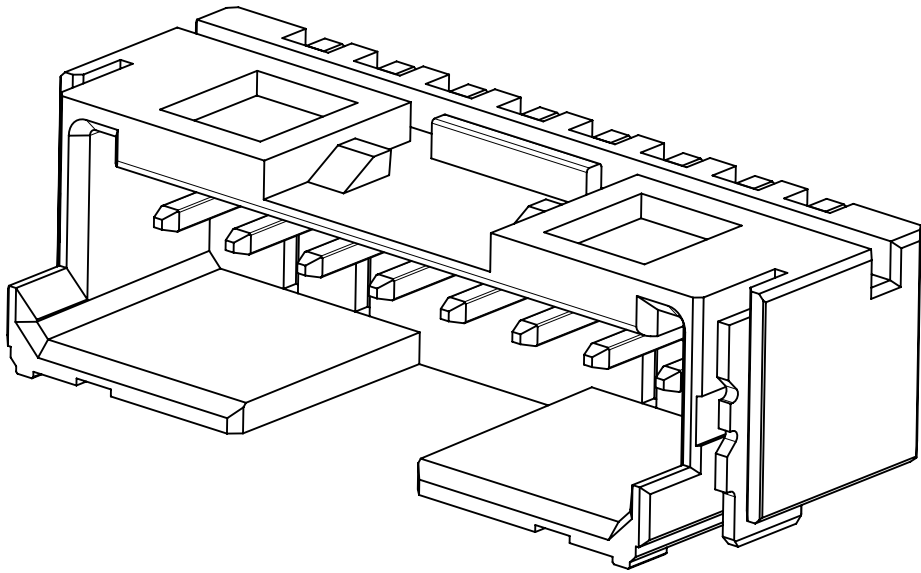
トレードマーク
TRADE MARK

③ネイル
NAIL

②ターミナル
TERMINAL

△ 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
2. 製品仕様書 : 511630000-PS 000
PRODUCT SPECIFICATION:511630000-PS 000
3. 嵌合相手 : 51163 シリーズ
MATES WITH:51163 SERIES
4. 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
- △ 5. 偶数極に適合
APPLY FOR EVEN CIRCUIT
6. GLOW WIRE TEST適合品
THIS PRODUCT IS GLOW WIRE TEST COMPATIBLE.
7. 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.
- △ 8. 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(ページュ) NATURAL(BEIGE)
1	黒 BLACK

△ 8 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		

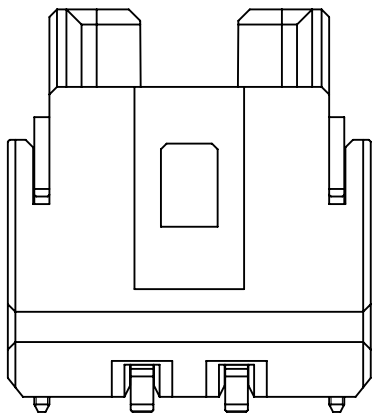
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex								
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 755760 DRWN: RWATANABE012023/07/05 CHK'D: AIDA2023/07/06 APPR: SAKIYAMA2023/07/06 INITIAL REVISION: DRWN: RWATANABE012021/11/11 APPR: SAKIYAMA2022/04/01											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER2159320000-SDDOC TYPEPSDDOC PART000REVISIONB											
0 PLACES		± 0.2													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A2-SIZE		215932		SEE SHEET1		GENERAL		1 OF 3	

molex

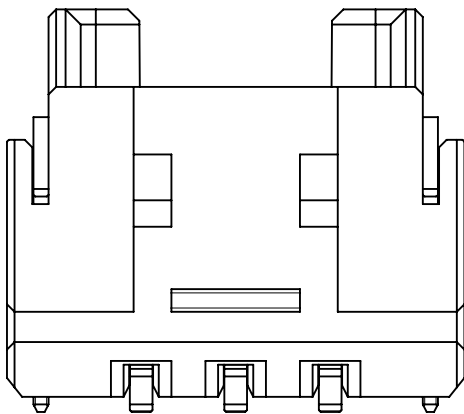
MINI-LOCK 2.5
SINGLE ROW HEADER ASSEMBLY SMT RA

PRODUCT CUSTOMER DRAWING

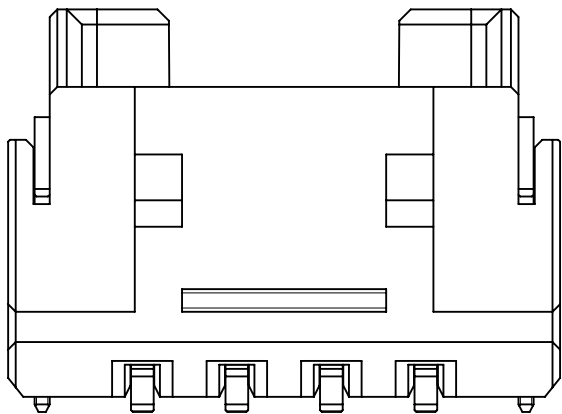
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159320000-SD	PSD	000	B



2CIRCUIT

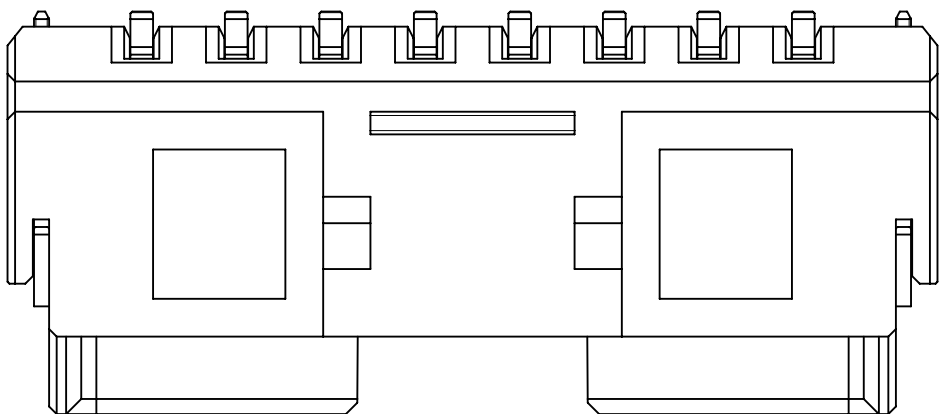


3CIRCUIT



4-15CIRCUIT

ロック形状図
LOCK CONFIGURATION

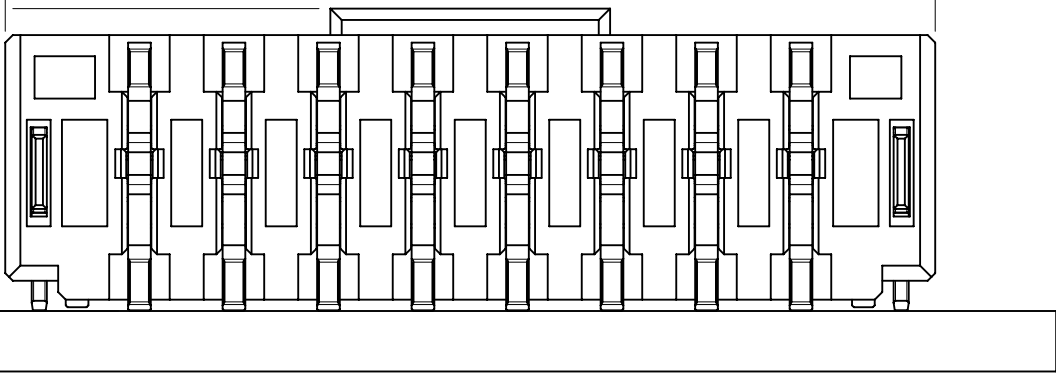


製品レイアウト
PRODUCT LAYOUT

嵌合高さ
(MATING HEIGHT)

(8)

(A)



ヘッダー アセンブリ
HEADER ASSEMBLY
215932**0*

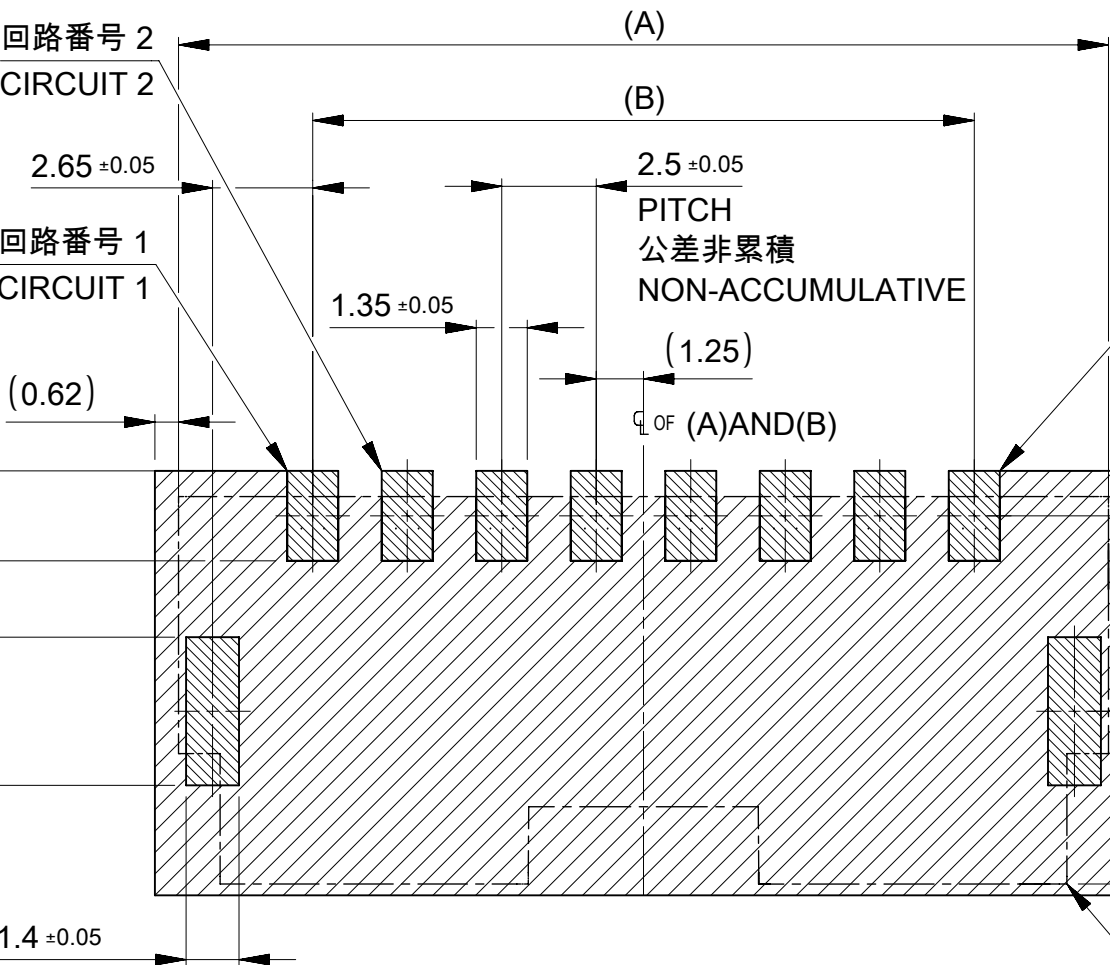
ハウジング
HOUSING
51163****

リテーナー
RETAINER
51164**05

(15.64)

(12.8)

嵌合状態図
MATED CONNECTORS

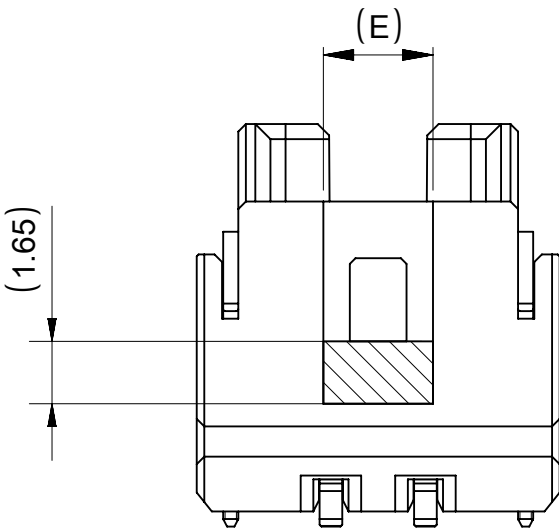


推奨基板レイアウト
RECOMMENDED PCB PATTERN LAYOUT

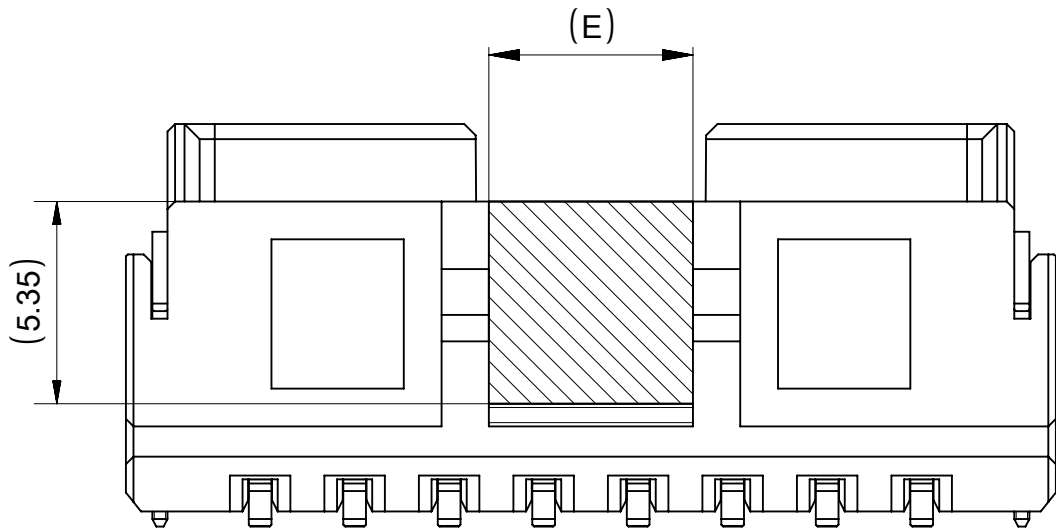
(参考 : 基板厚 1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)



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.



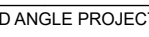
2CIRCUIT

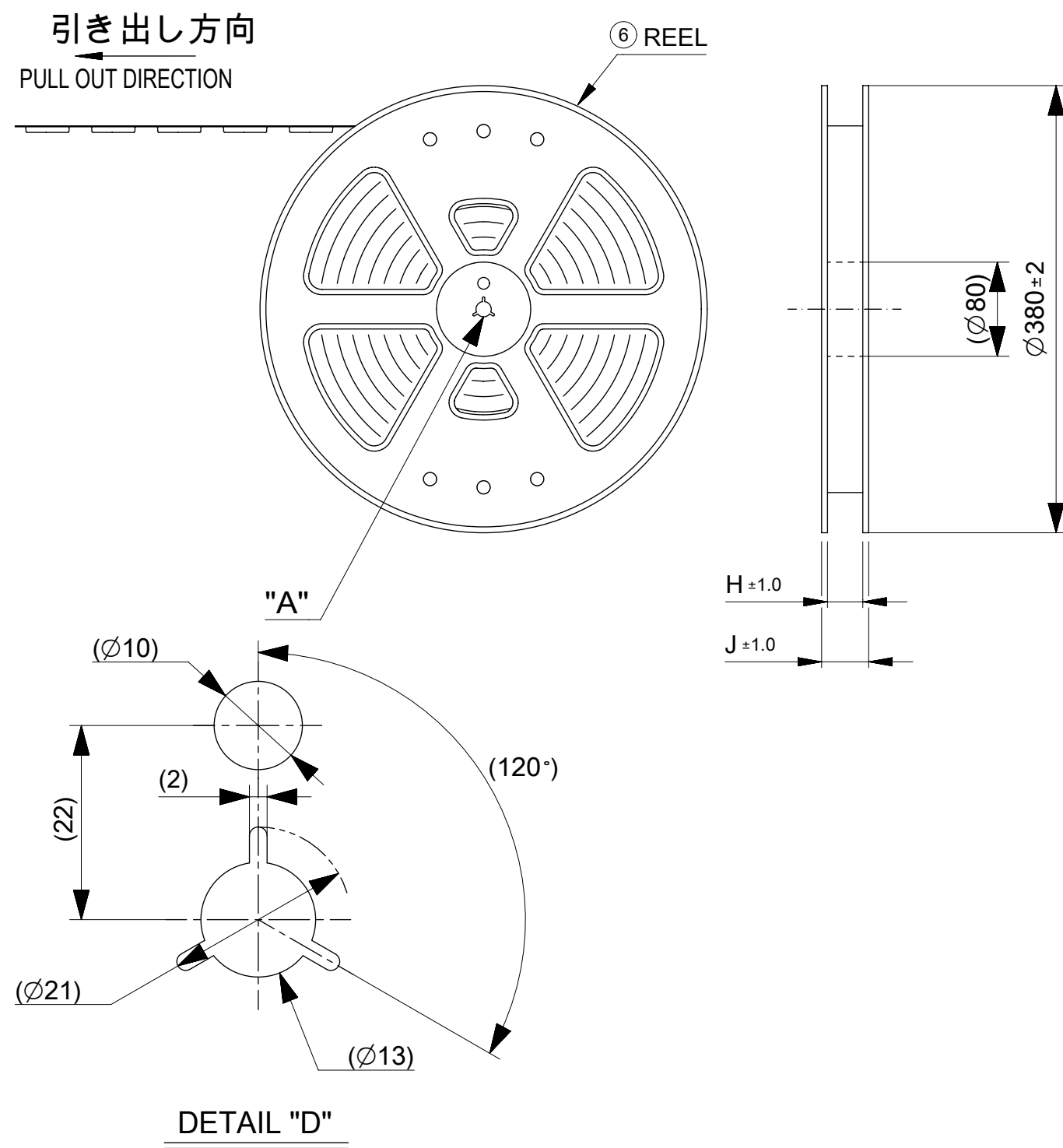


3-15CIRCUIT

吸着範囲
SUCTION AREA

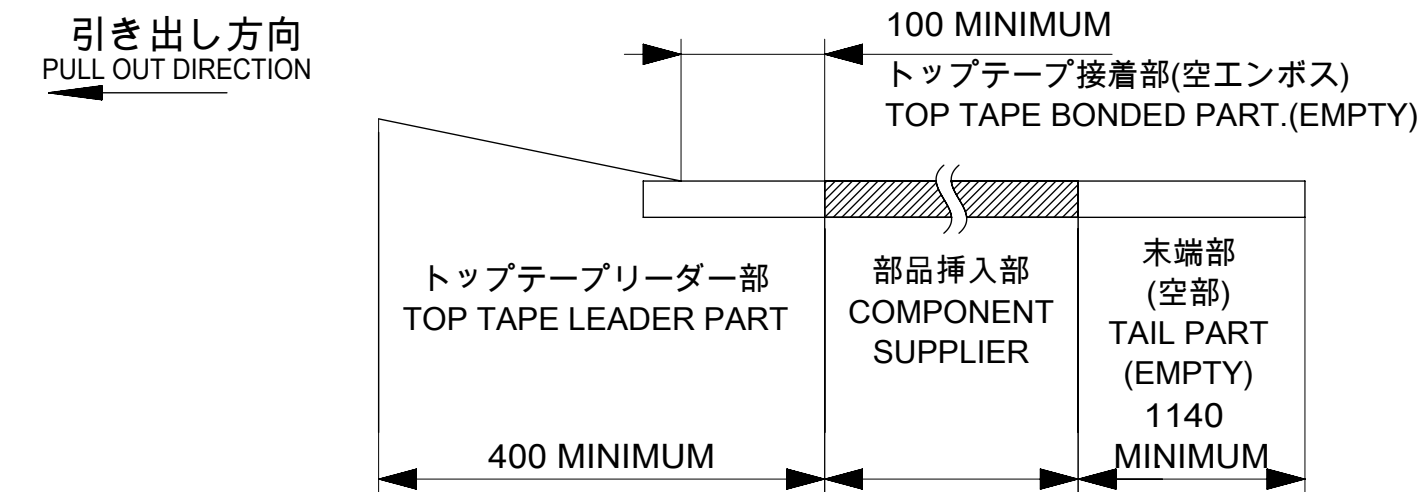
5.4	15
5.4	14
5.4	13
5.4	12
5.4	11
5.4	10
5.4	9
5.4	8
5.4	7
5.4	6
5.4	5
5.4	4
3.4	3
2.9	2
E	極数 CIRCUIT SIZE

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 °								PRODUCT CUSTOMER DRAWING									
4 PLACES		± 0.2						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
3 PLACES		± 0.2						2159320000-SD				PSD		000		B	
2 PLACES		± 0.2															
1 PLACE		± 0.2		INITIAL REVISION:													
0 PLACES		± 0.2		DRWN: RWATANABE01 2021/11/11 APPR: SAKIYAMA 2022/04/01													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A2-SIZE		215932		SEE SHEET1		GENERAL		2 OF 3			

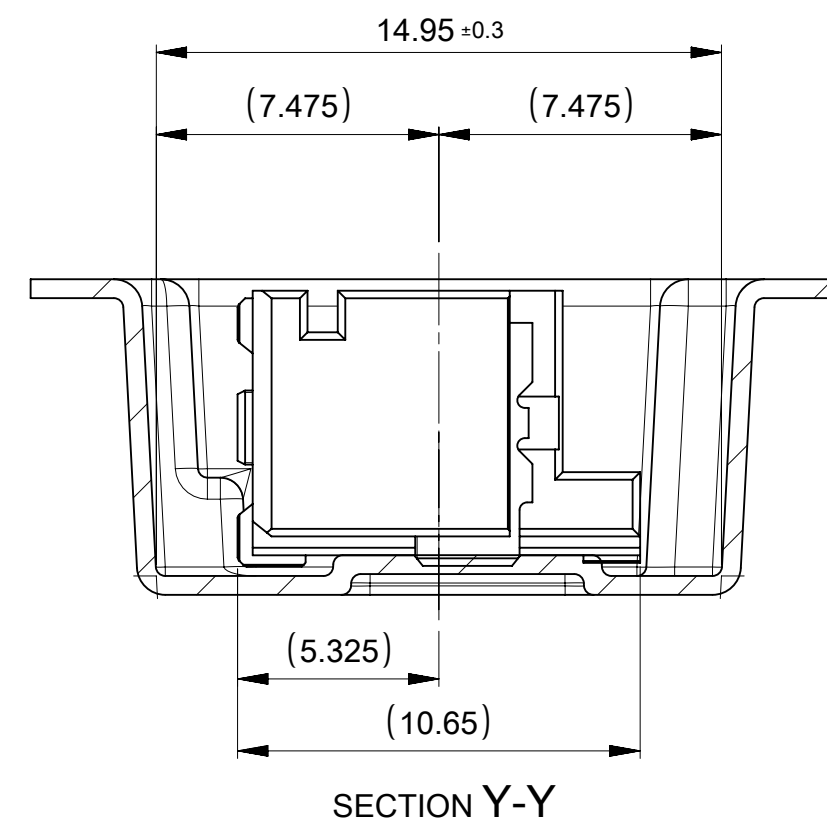
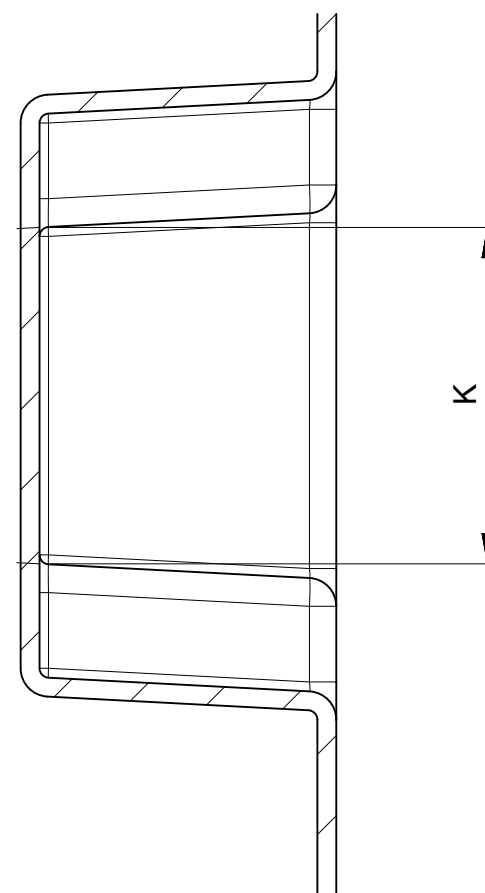
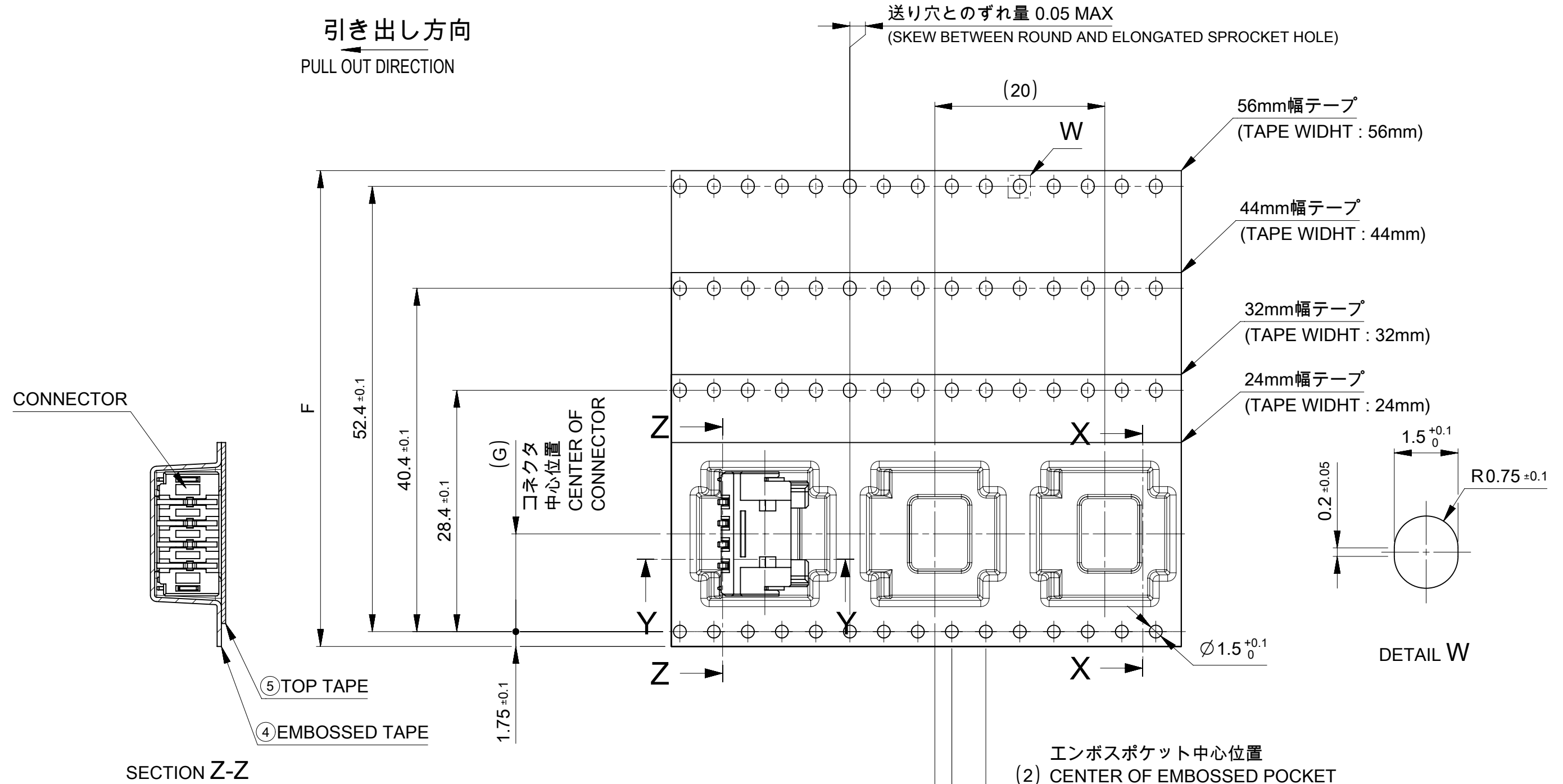


NOTES

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.

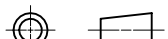


11. トップテープの剥離強度はIEC60286-3に準拠
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3
12. 梱包仕様書：2159329200-SPK 200
PACKAGING SPECIFICATION: 2159329200-SPK 200



36.4	61.4	57.4	26.2	56 ± 0.3	15
33.9					14
31.4					13
28.9					12
26.4					11
23.9	49.4	45.4	20.2	44 ± 0.3	10
21.4					9
18.9					8
16.4					7
13.9					6
11.4	37.4	33.4	14.2	32 ± 0.3	5
8.9	29.4	25.4	11.5	24 $^{+0.3}_{-0.1}$	4
6.4					3
3.9					2
K	J	H	G	F	極数 CIRCUIT SIZE

	番号 NO.	部品 PART	材質 MATERIAL
A	④	エンボステープ EMBOSSSED TAPE	ポリスチレン(PS) POLYSTYRENE(PS)
	⑤	トップテープ TOP TAPE	ポリエチレン(PE), その他 POLYETHYLENE(PE), ETC
	⑥	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 >

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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 INITIAL REVISION: DRWN: RWATANABE01 2022/11/11 APPR: SAKIYAMA 2021/04/01				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		PRODUCT CUSTOMER DRAWING												
0 PLACES		±	0.2														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A2-SIZE		215932		SEE SHEET1		GENERAL		3 OF 3	
										2159320000-SD		DOC TYPE PSD		DOC PART 000		REVISION B	