

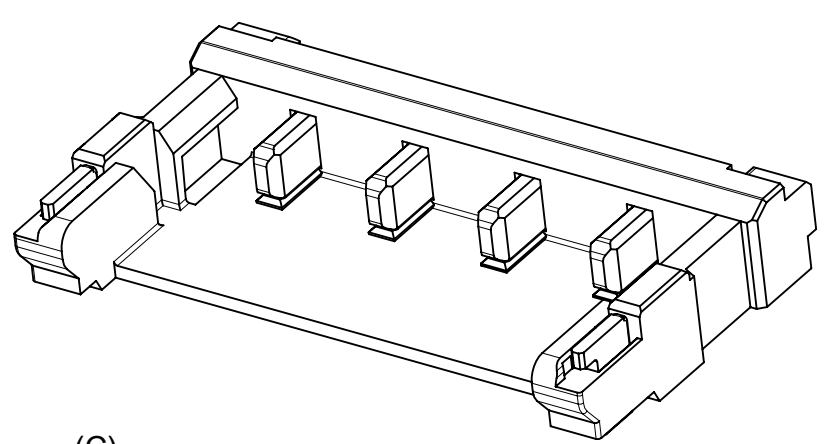
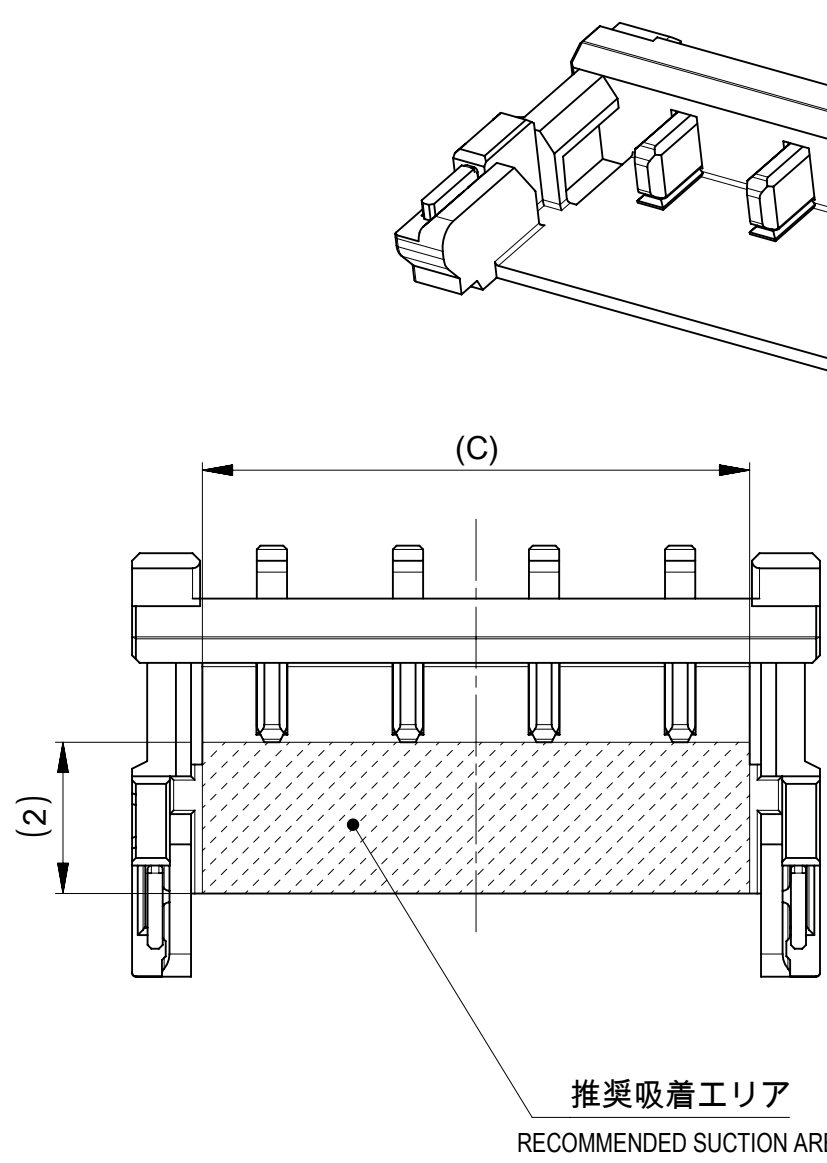
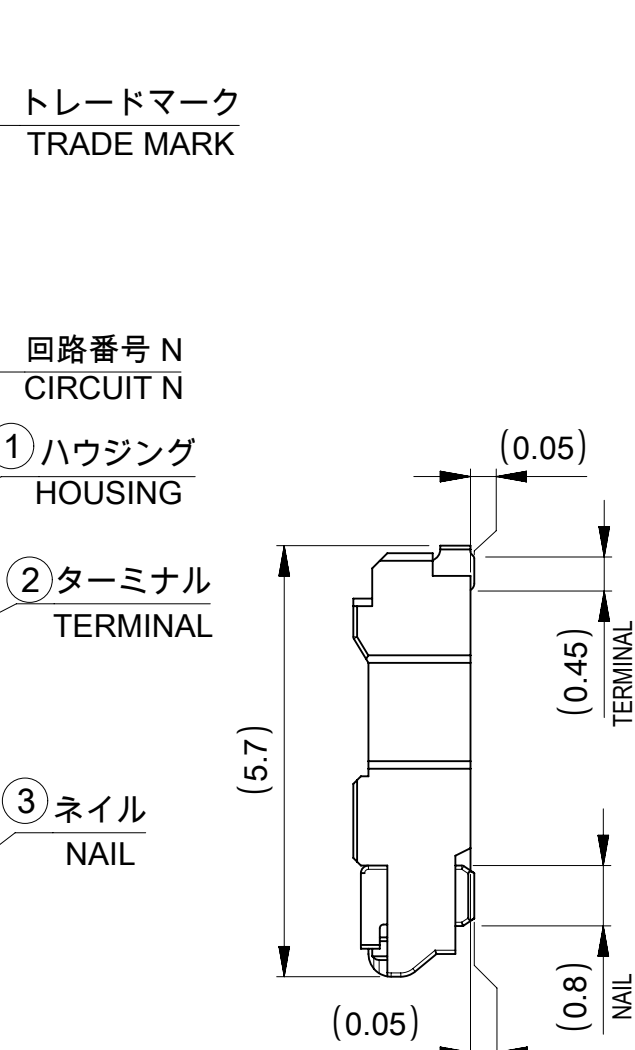
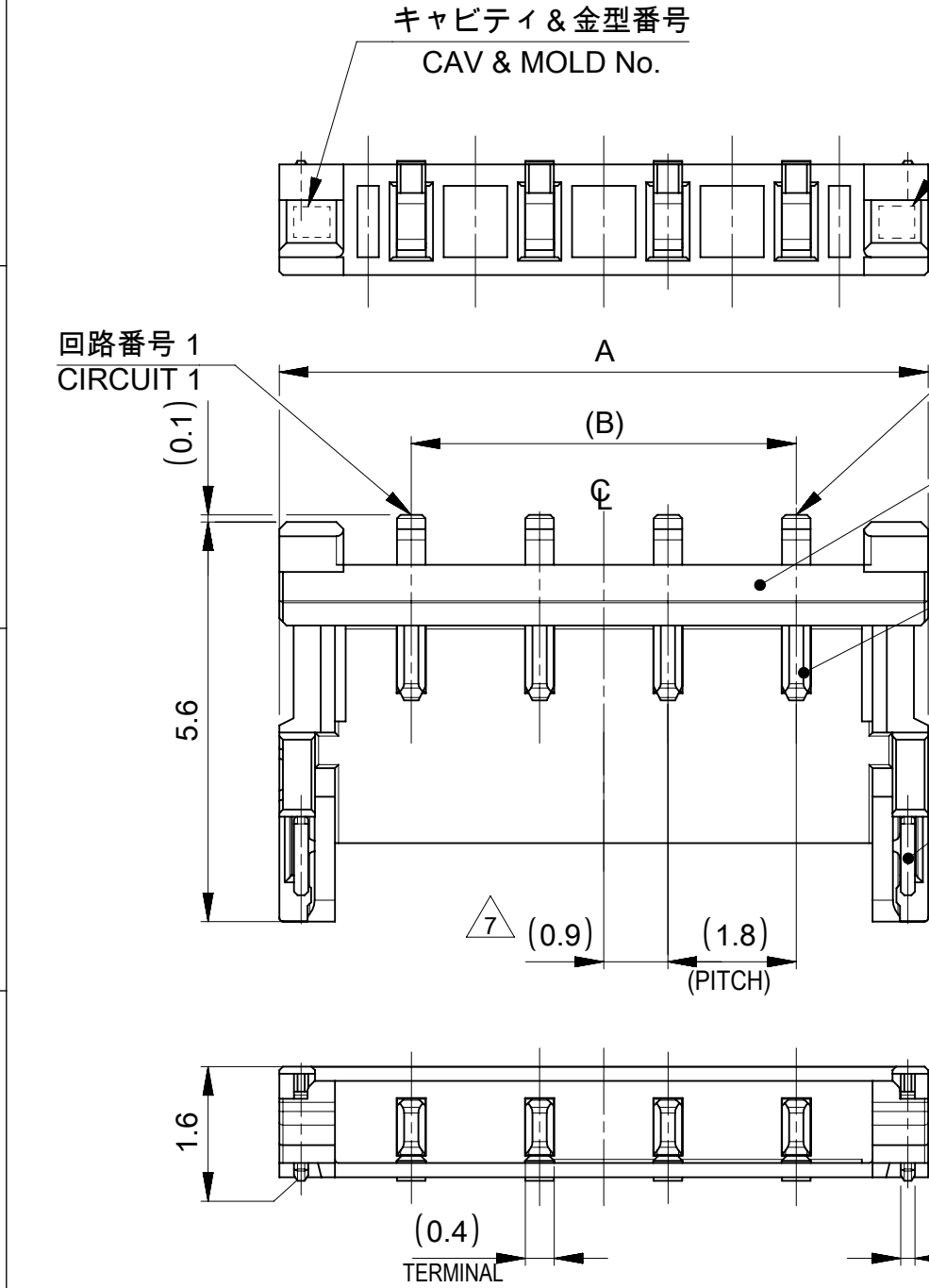


TABLE 1

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 : 黒 POLYAMIDE(PA), UL94V-0, COLOR : BLACK
②	ターミナル TERMINAL	黄銅 BRASS コンタクト部 : 金めっき 0.1 micro-meter MIN. CONTACT AREA : GOLD PLATING 0.1 micro-meters MIN. 半田付け部 : 金めっき TAIL AREA : GOLD PLATING ニッケルめっき(下地) : 1.0 micro-meter MIN. NICKEL PLATING (UNDER PLATING) 1.0 micro-meter MIN.
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 PLATING (UNDER PLATING) 1.0 micro-meter MIN.
DOCUMENT STATUS		
P1	RELEASE DATE	2023/03/07 05:52:54

- 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 : 2082980000-PS
PRODUCT SPECIFICATION:2082980000-PS
 - 梱包形態 : SHEET 4 参照
PACKAGING INFORMATION : SEE SHEET 4
 - 嵌合相手 : 208298 シリーズ
MATES WITH:208298 SERIES
 - アプリケーション仕様書(コネクタ取扱い説明書) : 2166940000-AS
APPLICATION SPECIFICATION(CONNECTOR MANUAL):2166940000-AS
 - 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.
 - 偶数極に適合
APPLY FOR EVEN CIRCUIT
 - 端子ネイルに錫めっきを使用している為、
外観に摺動痕が付く場合があります。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR THE NAIL.
 - 本製品のプラスチック部に黒点・白点等が確認される場合や
色合いが異なる場合がありますが、製品性能に影響はありません。
THERE IS NO INFLUENCE IN THE PRODUCT
PERFORMANCE THOUGH THE BLACK AND WHITE SPOT ETC.
MIGHT BE CONFIRMED TO THE PLASTIC PART OF
THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.

9.04	7.2	10.9	5
7.24	5.4	9.1	4
5.44	3.6	7.3	3
3.64	1.8	5.5	2
C	B	A	極数 CIRCUIT SIZE

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DIMENSION UNITS	SCALE
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	± 0.2
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 741094
DRWN: SSHIMONISHI 2023/03/06
CHK'D: AIDA 2023/03/07
APPR: SAKIYAMA 2023/03/07

INITIAL REVISION:
DRWN: SSHIMONISHI 2022/07/22
APPR: SAKIYAMA 2023/01/30

THIRD ANGLE PROJECTION
DRAWING
A3-SIZE

SERIES
208294

molex

PICO-EZMATE HC 1.8WTB PLUG ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
2082940000-SD

DOC TYPE
PSD

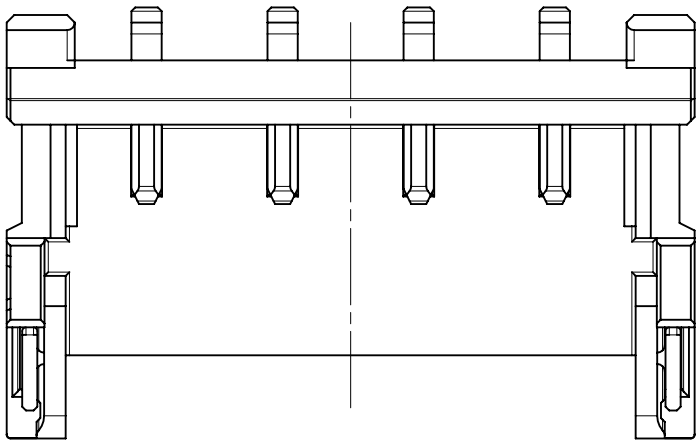
DOC PART
000

REVISION
B

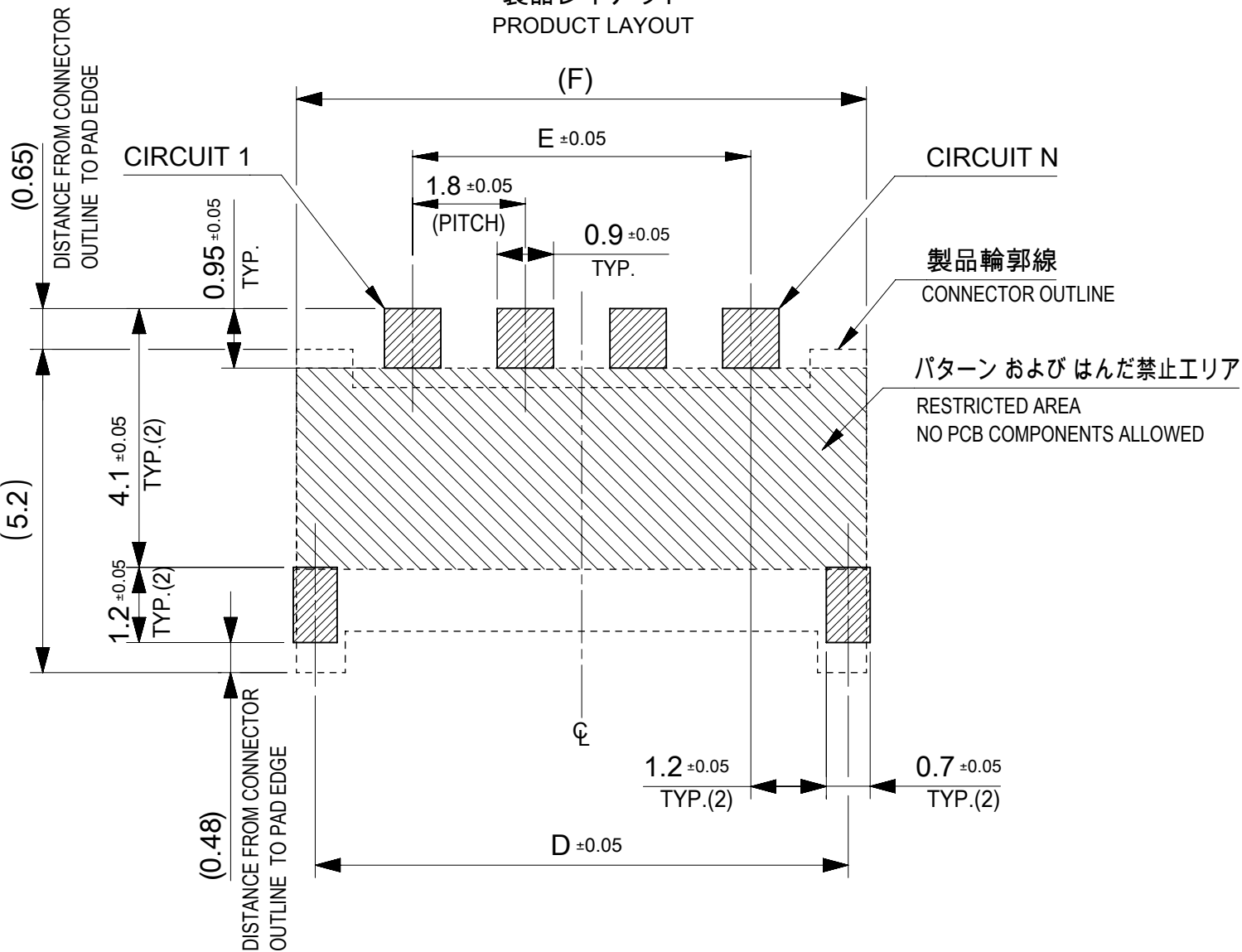
MATERIAL NUMBER

CUSTOMER
GENERAL

SHEET NUMBER
1 OF 4



製品レイアウト
PRODUCT LAYOUT



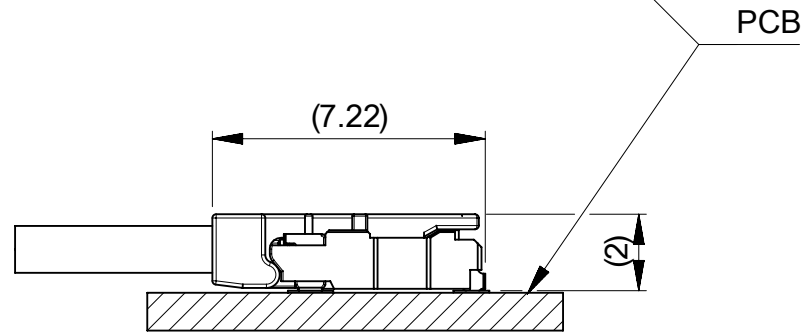
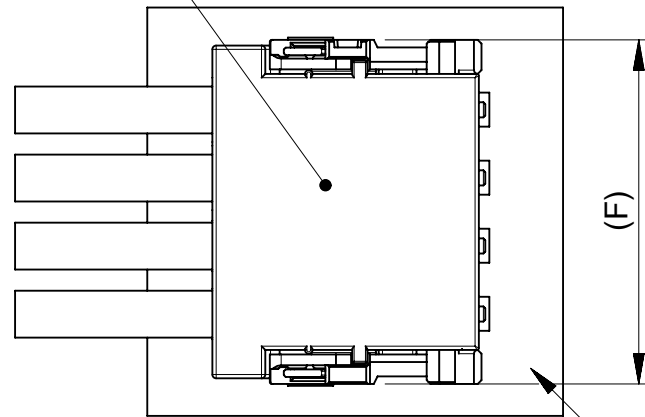
推奨基板レイアウト：実装面側
(参考：基板厚 1.0mm, メタルマスク厚さ 0.1mm, マスク開口率100%)

POLARIZED RECOMMENDED PCB LAYOUT : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.1mm, APERTURE RATIO 100%)



:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED

嵌合相手：208298シリーズ
MATE WITH 208298 SERIES



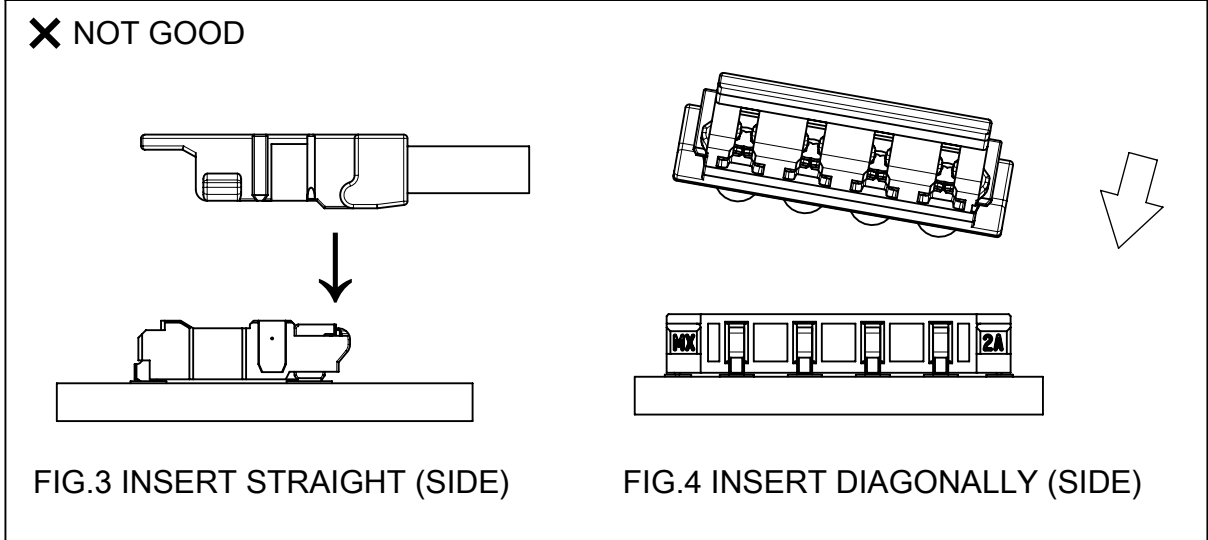
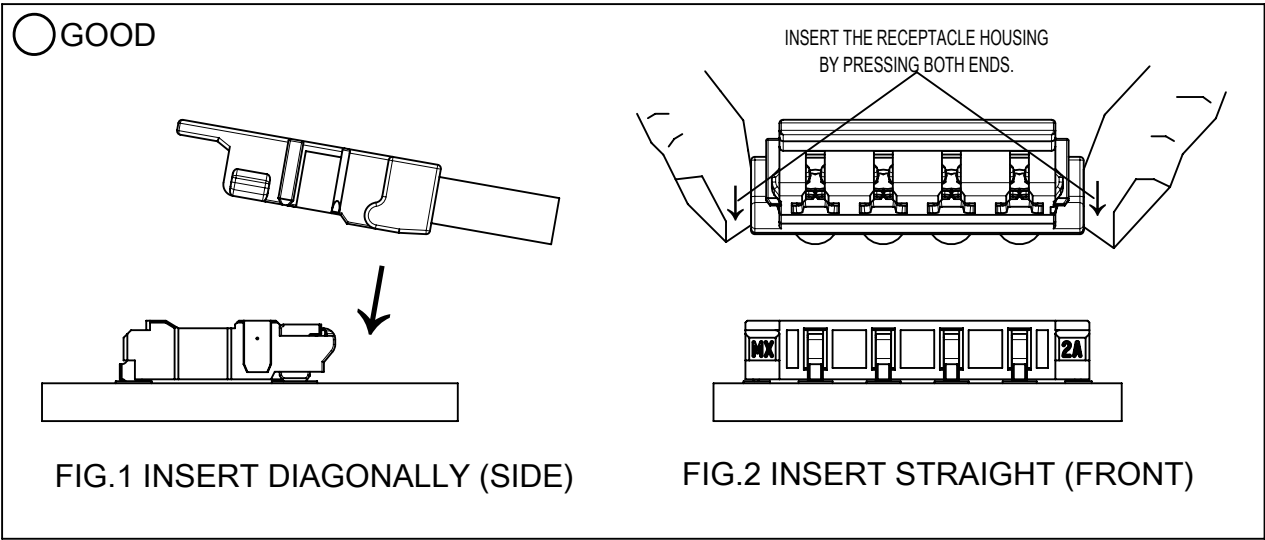
4 嵌合図
MATED CONNECTORES

10.9	7.2	10.33	5
9.1	5.4	8.53	4
7.3	3.6	6.73	3
5.5	1.8	4.93	2
F	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		CURRENT REV DESC:		molex			
DIMENSION UNITS	SCALE			PICO-EZMATE HC 1.8WTB PLUG ASSY			
mm	NTS			PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)							
ANGULAR TOL	± 3.0 °						
4 PLACES	±						
3 PLACES	±						
2 PLACES	± 0.2						
1 PLACE	± 0.2						
0 PLACES	± 0.2						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	208294		GENERAL	2 OF 4

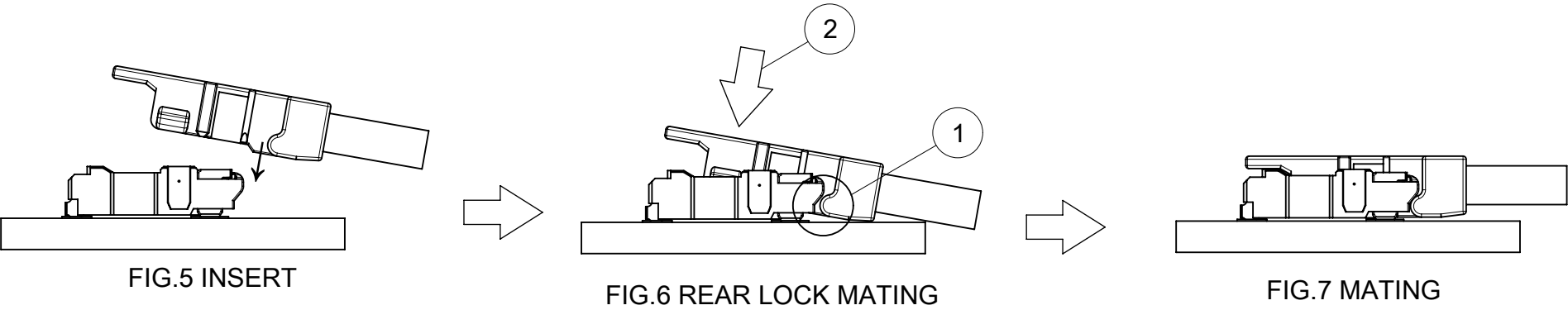
コネクタ嵌合時の注意点
CAUTION WHEN MATING THE CONNECTOR.

コネクタはできるだけ嵌合軸と平行に嵌合させてください。
PLEASE MATE THE CONNECTOR IN PARALLEL WITH THE MATING AXIS AS MUCH AS POSSIBLE.



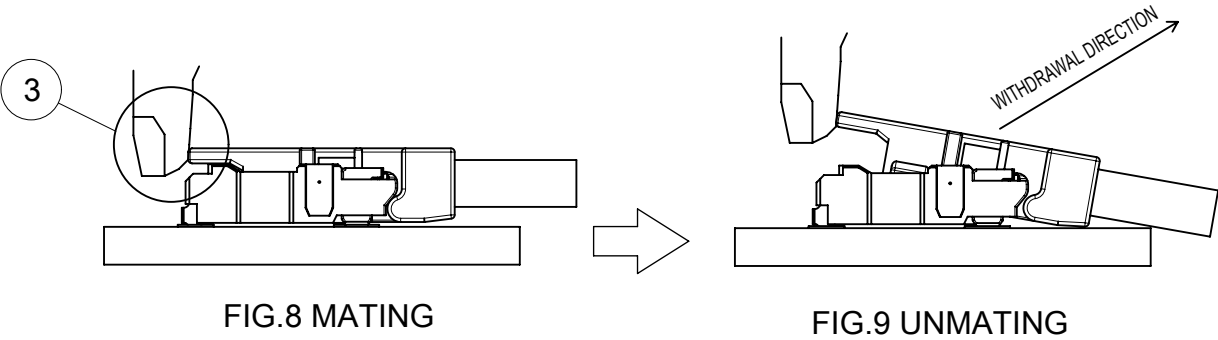
MATING

リセプタクルとプラグのハウジングのそれぞれのリアロック (FIG.6 ①) を合わせて位置決めした後、
リセプタクルハウジングの矢印部分 (FIG.6 ②) を押して、プラグとリセプタクルハウジングがぶつかるまで嵌合させてください。
AFTER POSITIONING AND FACING EACH REAR LOCK (FIG.6 ①) OF BOTH RECEPTACLE AND PLUG HOUSING,
PUSH THE ARROW PART OF RCEPTACLE HOUSING (FIG.6 ②) TO MATE UNTIL BOTH PLUG AND RECEPTACLE HOUSINGS STRIKE EACH OTHER.

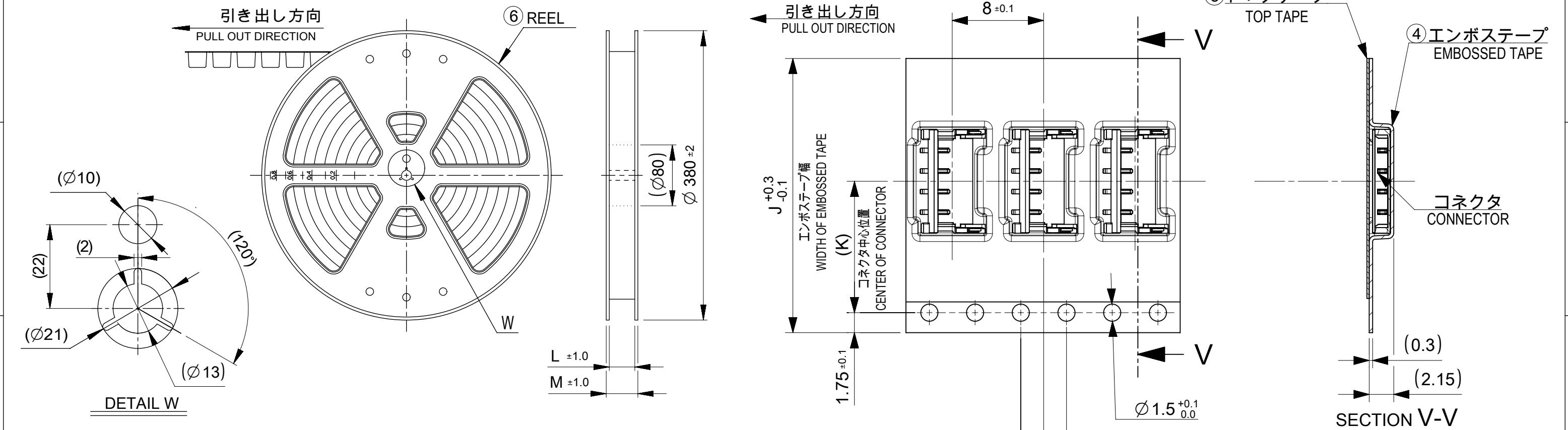


UNMATING

リセプタクルハウジングのロックTAB部(FIG.8 ③) に指をかけ、指の腹でロックTAB部を斜め上に持ち上げてロックを完全に解除し、
リセプタクルハウジングをゆっくりと斜めに引き抜いてください。
PLEASE PLACE FINGERS ON THE LOCKING TAB (FIG.8 ③) OF THE RECEPTACLE HOUSING AND, USING THE FLAT OF FINGERS,
RIFT THE LOCKING TAB UPWARD AT AN ANGLE TO FULLY RELEASE THE LOCK,
THEN PLEASE WITHDRAW THE RECEPTACLE HOUSING SLOWLY AND DIAGONALLY.



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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex PICO-EZMATE HC 1.8WTB PLUG ASSY PRODUCT CUSTOMER DRAWING									
mm	NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL ± 3.0 °																
4 PLACES	±															
3 PLACES	±	EC NO: 741094			2023/03/06		DOCUMENT NUMBER 2082940000-SD			DOC TYPE PSD		DOC PART 000		REVISION B		
2 PLACES	± 0.2	DRWN: SSHIMONISHI														
1 PLACE	± 0.2	CHK'D: AIDA														
0 PLACES	± 0.2	APPR: SAKIYAMA			2023/03/07											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER			SHEET NUMBER	
						A3-SIZE		208294				GENERAL			3 OF 4	



NOTES

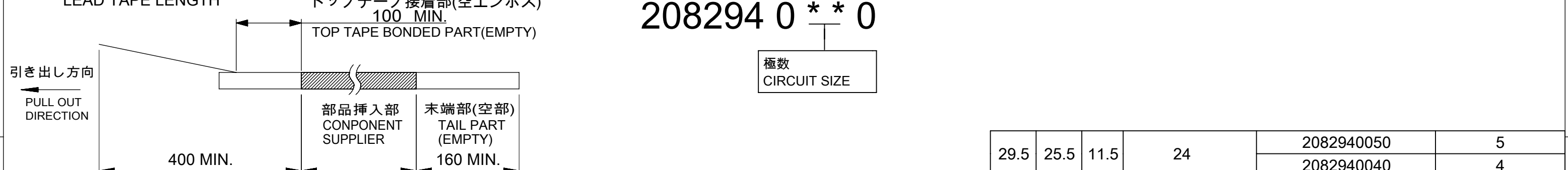
10. 梱包数量 : 5000個/リール
NUMBER OF CONNECTORS : 5000 PIECES/REEL

11. リードテープ長さ
LEAD TAPE LENGTH

12. 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.

13. 梱包仕様書 : 2082949200-SPK
PACKAGING SPECIFICATION : 2082949200-SPK

14. 発注番号 : TABLE 参照
ORDER No. : PLEASE REFER TO TABLE.



29.5	25.5	11.5	24	2082940050	5
21.4	17.4	7.5	16	2082940040	4
2082940030	3	2082940020	2	14 発注番号 ORDER No.	
M	L	K	エンボステープ幅 J WIDTH OF TAPE	PACKAGING STAYLE : EMBOSSD TAPE AND REEL	極数 CIRCUIT SIZE

番号 NO.		部品 PART	材質 MATERIAL
④		エンボステープ EMBOSSD TAPE	ポリスチレン(PS)、その他 POLYSTYRENE(PS), etc
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>
DOCUMENT STATUS		P1	RELEASE DATE 2023/03/07 05:52:54

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DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: EC NO: 741094 DRWN: SSHIMONISHI 2023/03/06 CHK'D: AIDA 2023/03/07 APPR: SAKIYAMA 2023/03/07 INITIAL REVISION: DRWN: SSHIMONISHI 2022/07/22 APPR: SAKIYAMA 2023/01/30				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °									
4 PLACES ±									
3 PLACES ±									
2 PLACES ± 0.2									
1 PLACE ± 0.2									
0 PLACES ± 0.2									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 208294	
				MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL		SHEET NUMBER 4 OF 4	

PICO-EZMATE HC 1.8WTB PLUG ASSY			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER 2082940000-SD		DOC TYPE PSD	DOC PART 000
		REVISION B	