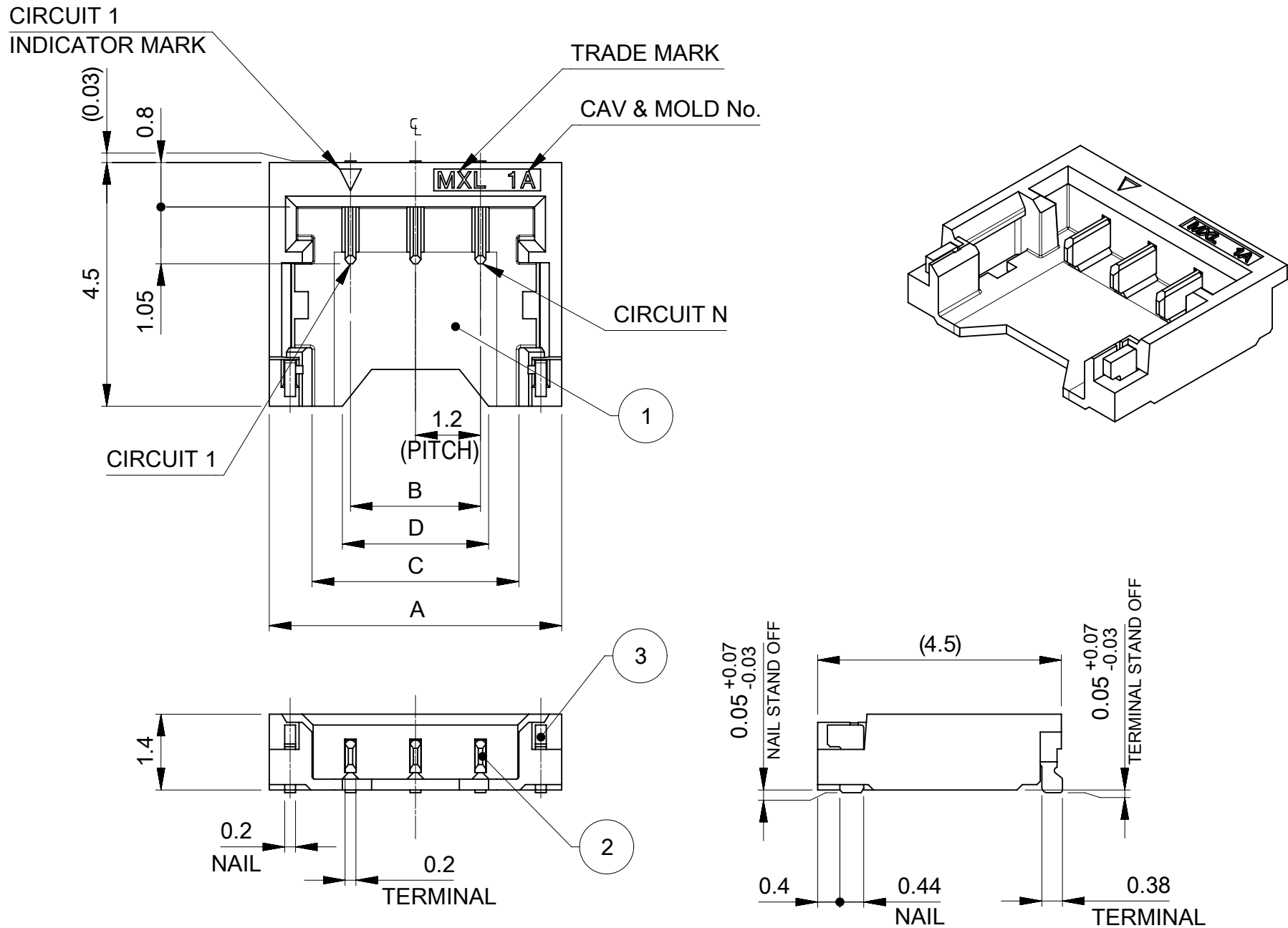




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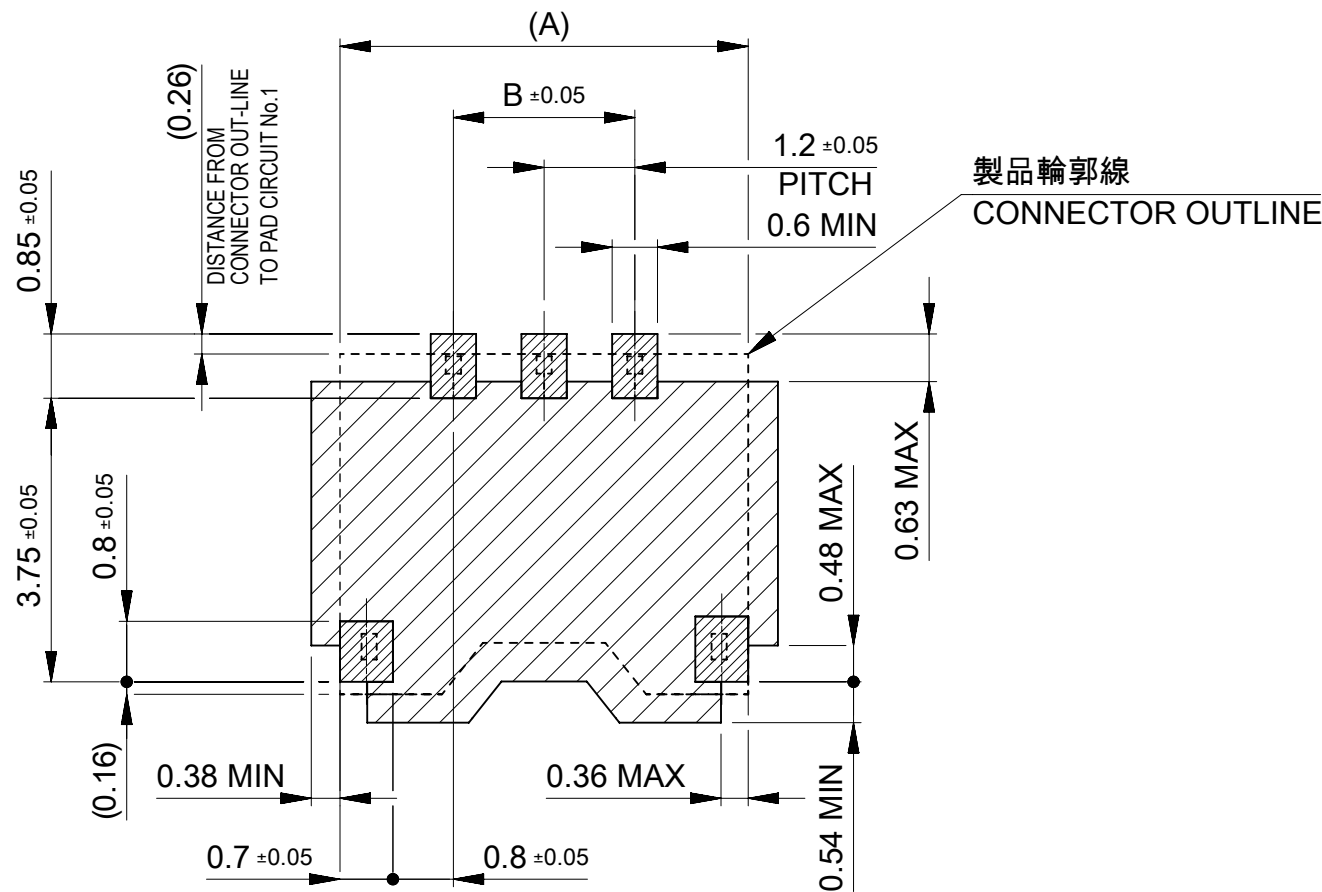
- 材料及び仕上げ(めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHES : SEE TABLE 1
- 梱包形態 : SHEET 3 参照
PACKAGING INFORMATION : SEE SHEET 3
- 嵌合相手 : 78172 シリーズ
MATES WITH:78172 SERIES
- 製品仕様書 : 781720000-PS PS 000
PRODUCT SPECIFICATION:781720000-PS PS 000
- アプリケーション仕様書(コネクタ取扱い説明書) : AS-78172-001
APPLICATION SPECIFICATION(CONNECTOR MANUAL):AS-78172-001
- 端子テール部及びネイルの平坦度:0.1 MAX.
平らなゲージ面にコネクタを配置してから測定する。
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX. TO BE MEASURED
BY PLACING THE CONNECTOR ON FLAT GAUGE SURFACE.
- ELV及びRoHS適合品。
ELV & RoHS COMPLIANT.

TABLE 1

番号 No.	部品 PART	仕様 SPECIFICATION
1	ハウジング HOUSING	液晶ポリマー(LCP), ガラス充填, UL94 V-0, 色 : 黒 LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94 V-0, COLOR:BLACK
2	ターミナル TERMINAL	材料 MATERIAL 黄銅 BRASS
		下地めっき UNDER PLATING ニッケルめっき:1.0 micro-meter MIN NICKEL: 1.0 micro-meter MIN
		接点部めっき CONTACT PLATING 金めっき 0.1 micro-meter MIN GOLD 0.1 micro-meter MIN
3	ネイル NAIL	材料 MATERIAL 黄銅 BRASS
		下地めっき UNDER PALATING ニッケルめっき:1.0 micro-meter MIN NICKEL: 1.0 micro-meter MIN
		表面めっき SURFACE PLATING 錫めっき 1.5 micro-meters MIN MATTE TIN PLATING 1.5 micro-meters MIN

5.1	6.2	4.8	7.8	781710005	5
3.9	5.0	3.6	6.6	781710004	4
2.7	3.8	2.4	5.4	781710003	3
1.5	2.6	1.2	4.2	781710002	2
D	C	B	A	発注番号 ORDER No	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: REDRAWN	
GENERAL TOLERANCES (UNLESS SPECIFIED)		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 A3-SIZE		SERIES 78171		DOCUMENT NUMBER 781710000-SD	
MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL		SHEET NUMBER 1 OF 3	



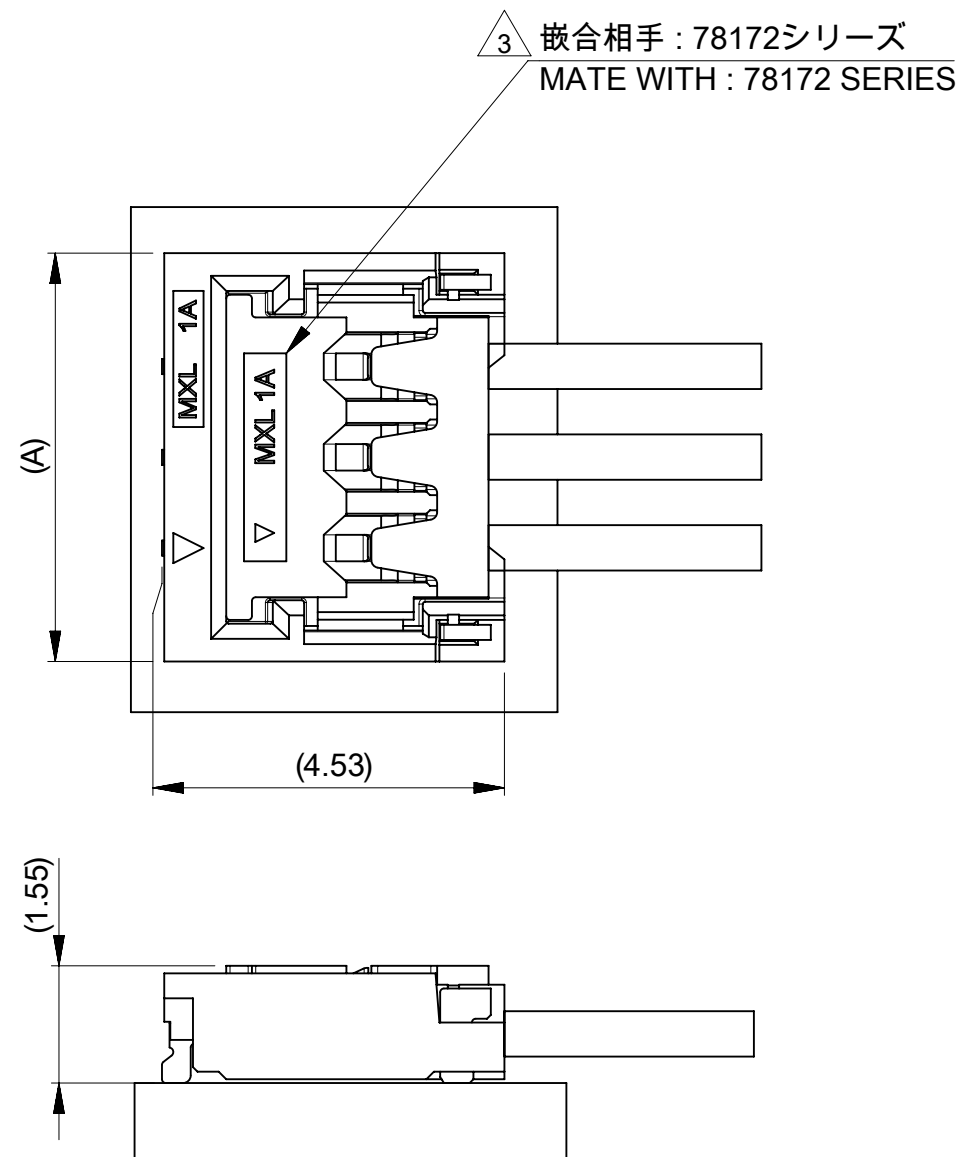
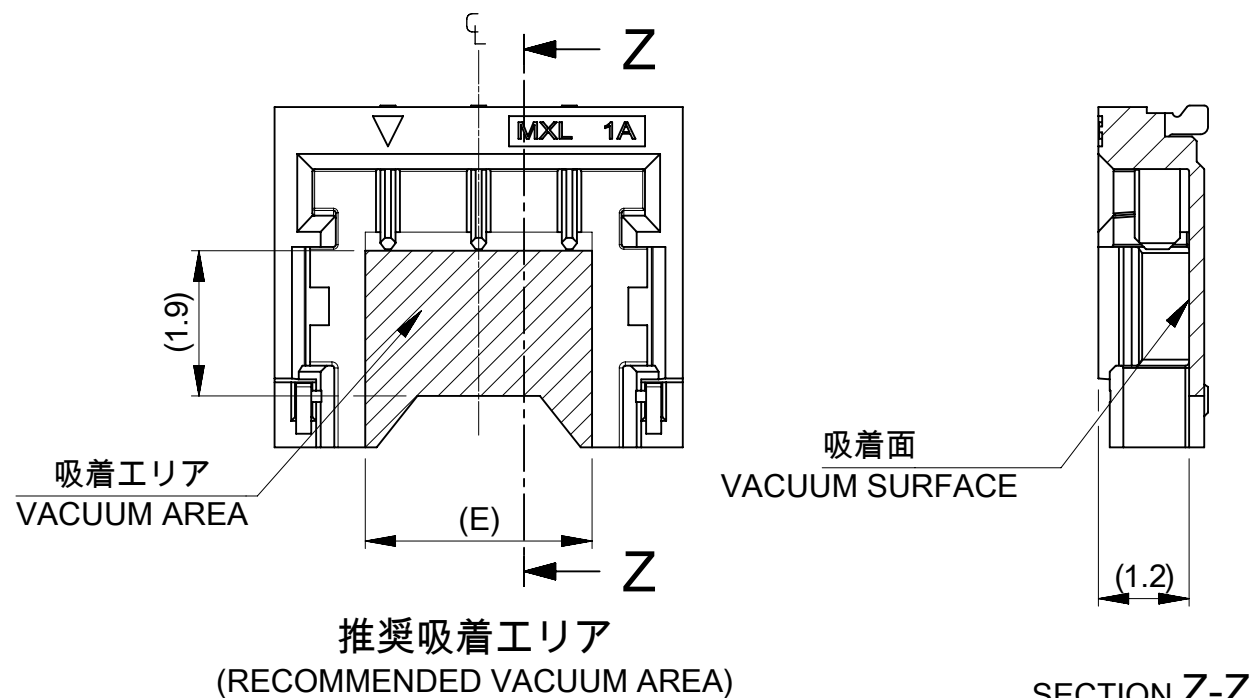
推奨基板レイアウト：実装面側
(参考：基板厚1.0mm、メタルマスク厚さ 0.1mm,マスク開口100%)

RECOMMENDED PCB LAYOUT :COMPONENT SIDE

(REFERENCE:PCB THICKNESS 1.0mm,STENCIL THICKNESS 0.1mm APERTURE RATIO 100%)

パターン非推奨エリア

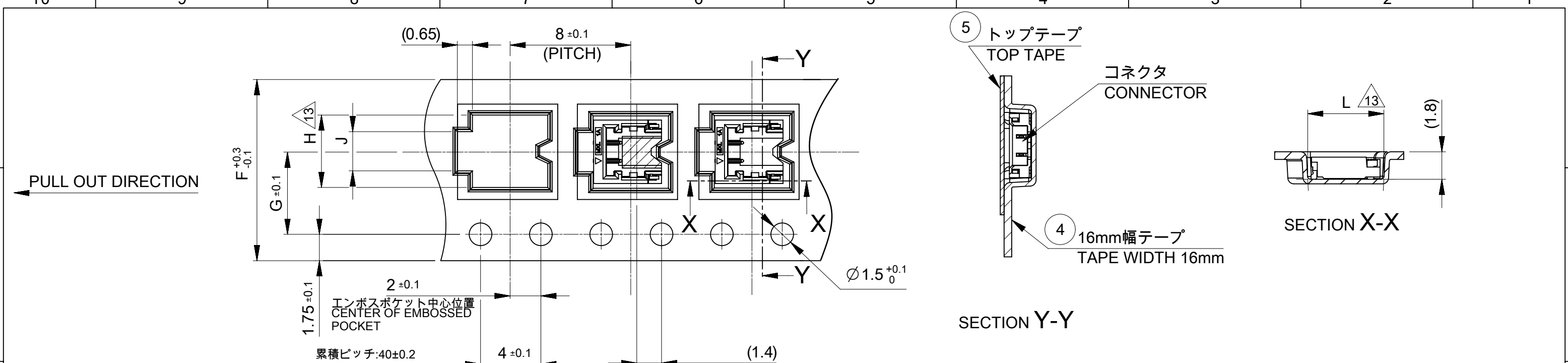
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHED AREA.
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHED AREA.



嵌合図
MATED CONNECTORS

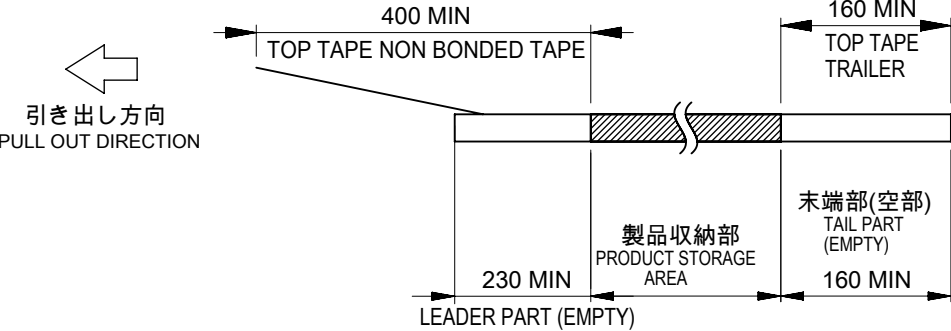
5.1	5
3.9	4
2.7	3
1.5	2
E	極数 CIRCUIT SIZE

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: REDRAWN			molex										
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-EZMATE 1.2 WIRE TO BOARD CONNECTOR 2-5 CKT PLUG ASSEMBLY													
ANGULAR TOL ± 3.0°																	
4 PLACES		± 0.2		PRODUCT CUSTOMER DRAWING													
3 PLACES		± 0.2															
2 PLACES		± 0.2		DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION			
1 PLACE		± 0.2															
0 PLACES		± 0.2		781710000-SD						PSD		000		A			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE		78171		SEE CHART		GENERAL		2 OF 3			
EC NO: 677110				DRWN: SNAKAMURA08		2018/06/15											
CHK'D: SAKIYAMA				APPR: AIDA		2022/06/06											
INITIAL REVISION:				DRWN: SNAKAMURA08		2018/06/15											
APPR: AIDA				APPR: AIDA		2022/06/07											

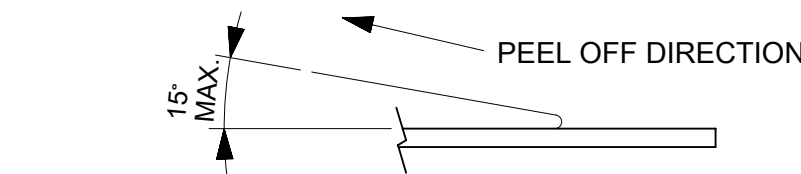


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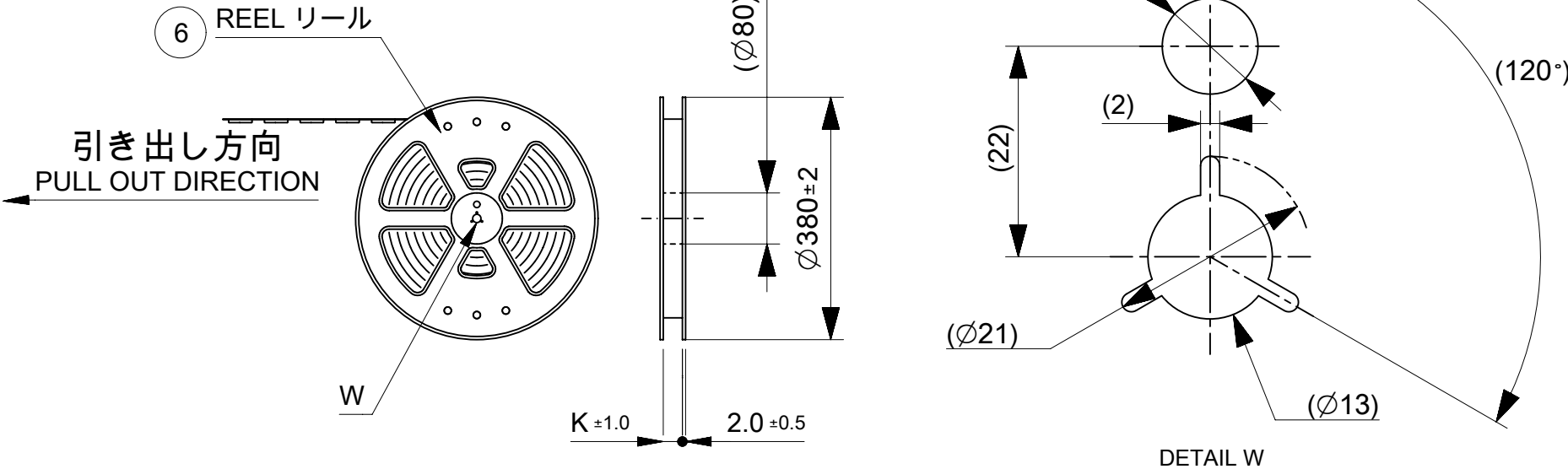
8. 梱包数量 : 4500個/リール
NUMBER OF CONNECTORS : 4500 PIECES/REEL
9. リードテープ長さ
LEAD TAPE LENGTH



10. エンボステープおよびリールはEIA-481に準拠。
TAPE AND REEL IS DEFINED BY EIA-481.
11. トップテープの剥離強度 : 20gf - 80gf
TOP TAPE PEELING FORCE: 20gf - 80gf



12. 梱包仕様書: SPK-78171-001
PACKAGING SPECIFICATION: SPK-78171-001
- △13 H & Lはポケットの底面から0.3 mmの平面で測定する。
H & L ARE MEASURED ON A PLANE 0.3 mm ABOVE THE BOTTOM OF THE POCKET.



番号 NO.	部品 PART	材質 MATERIAL
4	エンボステープ EMBOSSSED TAPE	ポリプロピレン(PP)、色: クリア POLYPROPYLENE(PP), COLOR: CLEAR
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), 色 : 黒 <リサイクル材を含む> POLYSTYRENE(PS), COLOR: BLACK <RECYCLE MATERIAL CONTAINED>
DOCUMENT STATUS P1 RELEASE DATE 2022/06/07 10:28:22		

5	17.4	6.2	8.3	7.5	16	5
		5.0	7.1			4
		3.8	5.9			3
		2.6	4.7			2
L	K	J	H	コネクタ中心位置G CENTER OF CONNECTOR	エンボステープ幅F WIDTH OF TAPE	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: REDRAWN		
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °		EC NO: 677110 DRWN: SNAKAMURA08 2018/06/15 CHK'D: SAKIYAMA 2022/06/06 APPR: AIDA 2022/06/07		
4 PLACES ± 0.2		3 PLACES ± 0.2		2 PLACES ± 0.2		
1 PLACE ± 0.2		0 PLACES ± 0.2		INITIAL REVISION: DRWN: SNAKAMURA08 2018/06/15 APPR: AIDA 2022/06/07		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE	SERIES 78171	MATERIAL NUMBER 781710000-SD
				CUSTOMER GENERAL	SHEET NUMBER 3 OF 3	