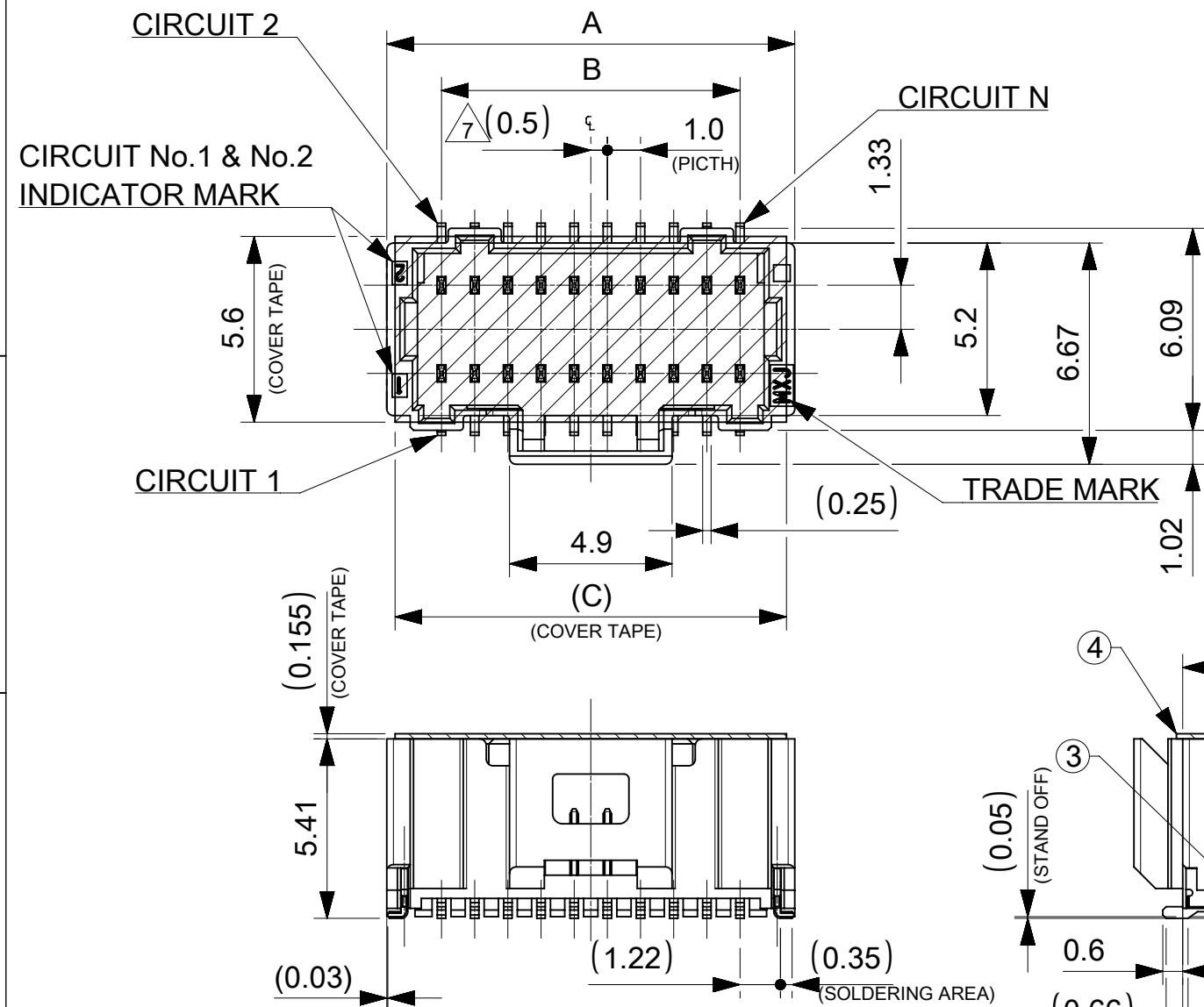
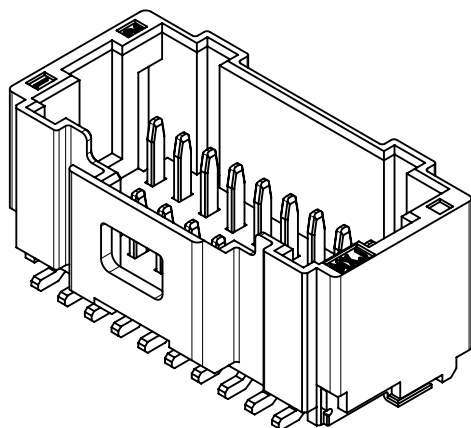
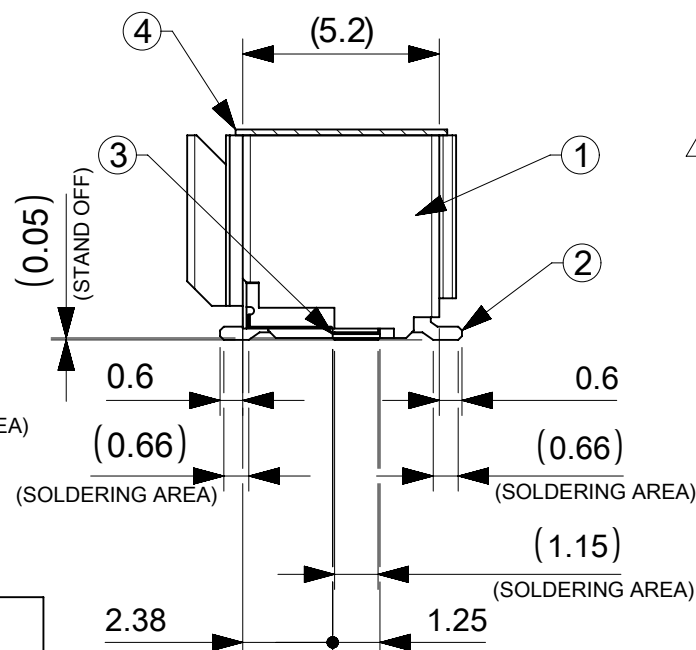




1 TABLE 1

番号 NO.	部品 PART	材質 MATERIAL	
①	ウエハー WAFER	ポリアミド(PA), UL94V-0, 色 : SEE TABLE 2 POLYAMIDE(PA), UL94V-0, COLOR : SEE TABLE 2	
②	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE	
		接点部 CONTACT AREA	金めっき : 0.1 MICRO-METER MIN. GOLD PLATING
		テール部 TAIL AREA	金めっき GOLD PLATING
		下地めっき UNDER PLATING	ニッケルめっき : 1.0 MICRO-METER MIN. NICKEL
③	ネイル NAIL	リン青銅 PHOSPHOR BRONZE	
		テール部 TAIL AREA	錫めっき : 1.0 MICRO-METER MIN. MATTE TIN PLATING
		下地めっき UNDER PLATING	ニッケルめっき : 1.0 MICRO-METER MIN. NICKEL
④	カバーテープ COVER TAPE	ポリイミドテープ POLYIMIDE TAPE	



NOTE

1. 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 : 5011890000-PS 001
PRODUCT SPECIFICATION:
3. 梱包形態 : SEE SHEET 3
PACKAGING INFORMATION:
4. 嵌合相手 : 501189 シリーズ
MATES WITH:501189 SERIES
5. アプリケーション仕様書(コネクタ取扱い説明書) : 5011890000-AS 000
APPLICATION SPECIFICATION(CONNECTOR MANUAL):
6. ソルダピン及びネイルの平坦度:0.1 mm MAX.
SOLDER PIN AND NAIL COPLANARITY: 0.1 mm MAX.
7. 極数/2=偶数に適応
APPLICABLE FOR CIRCUIT SIZE/2 = EVEN
8. 本製品は複数の金めっき厚を展開しております。その他の金めっき厚は以下の図面を御参照下さい。
THIS PRODUCT EXIST MULTIPLE GOLD PLATING.
PLEASE REFER TO THE FOLLOWING DRAWING FOR OTHER GOLD PLATING THICKNESS.

GOLD PLATING THICKNESS [MICRO-METER MIN.]	SERIES No.	DRAWING No.
0.38	203564	2035640000-SD PSD 000
0.76	203565	2035650000-SD PSD 000

9 発注番号 : TABLE 2 参照
ORDER No. : SEE TABLE 2

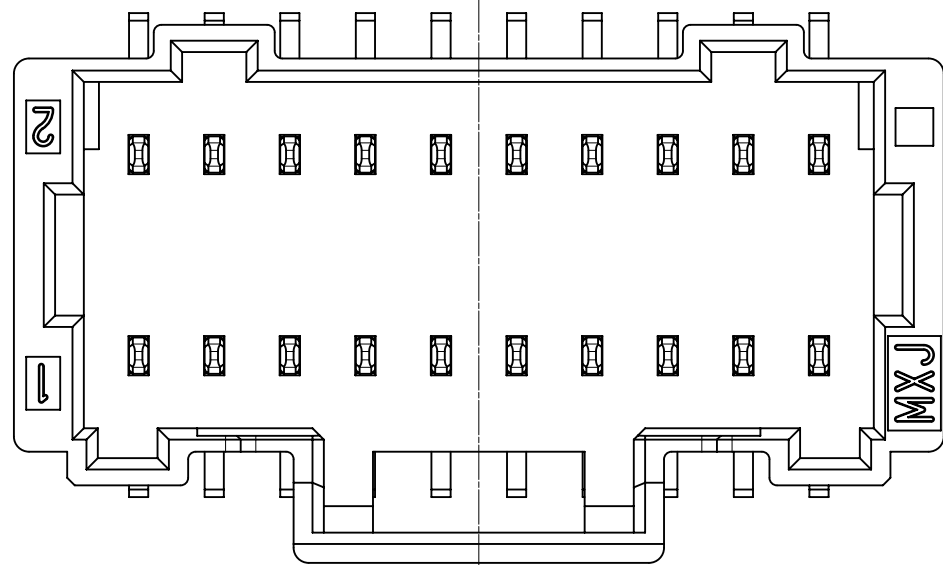
501190 ** * *

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR	製品識別番号 IDENTIFICATION NUMBER
	1:NATURAL(BEIGE)	7:EMBOSSD PACKAGE

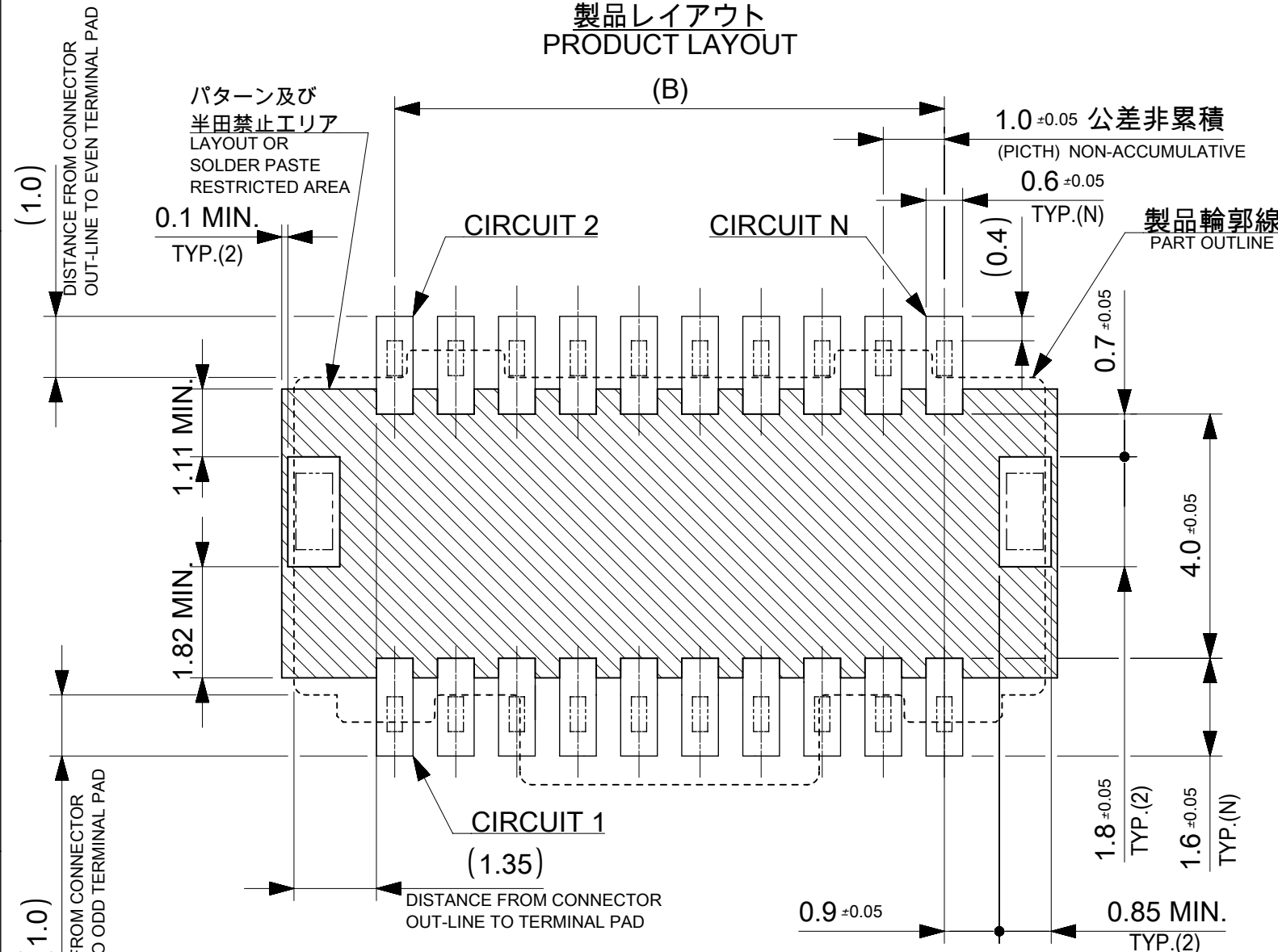
9 TABLE 2

			HOUSING COLOR	
			NATURAL(WHITE)	
26.8	24.0	27.3	501190 5017	50
21.8	19.0	22.3	501190 4017	40
16.8	14.0	17.3	501190 3017	30
11.8	9.0	12.3	501190 2017	20
C	B	A	発注番号 ORDER No.	極数
極数別 寸法 DIMENSION			梱包形態 : エンボスリール PACKAGE:EMBOSSED REEL	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)				PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.1 MICRO-METER					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2		EC NO: 615136 DRWN: AISHIKAWA 2019/09/05 CHK'D: AIDA 2019/09/11 APPR: SAKIYAMA 2019/09/17			PRODUCT CUSTOMER DRAWING		
3 PLACES		± 0.2							
2 PLACES		± 0.2		INITIAL REVISION: DRWN: AISHIKAWA 2019/03/19 APPR: KOMURAKAMI 2019/04/03			DOCUMENT NUMBER DOC TYPE DOC PART REVISION 5011900000-SD PSD 000 B		
1 PLACE		± 0.2							
0 PLACES		± 0.2		THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER A3-SIZE 501190 SEE SHEET 5			SHEET NUMBER 1 OF 4		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									



製品レイアウト
PRODUCT LAYOUT

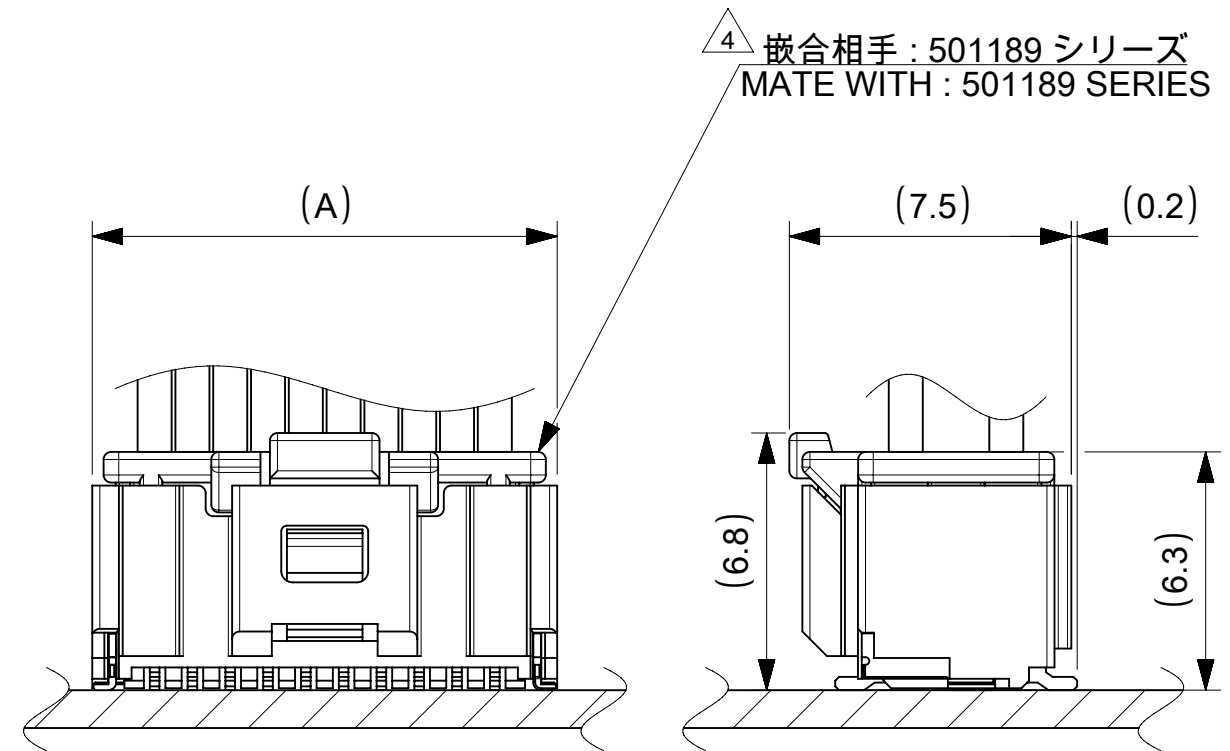


推奨基板レイアウト(全極数適応) : 実装面側
(参考 : 基板厚 1.0mm, メタルマスク厚さ 0.12mm, マスク開口率100%)

POLARIZED RECOMMENDED PCB LAYOUT(APPLY TO ALL CIRCUIT) : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)



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

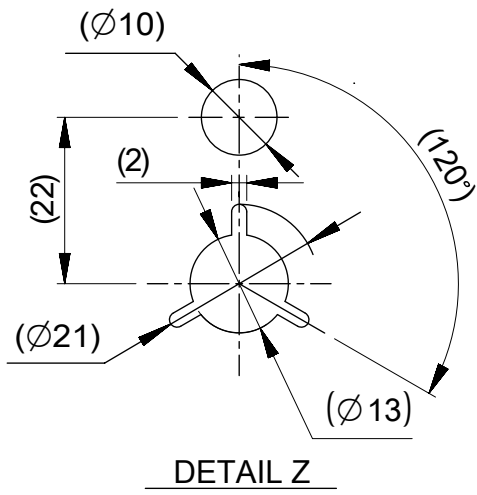
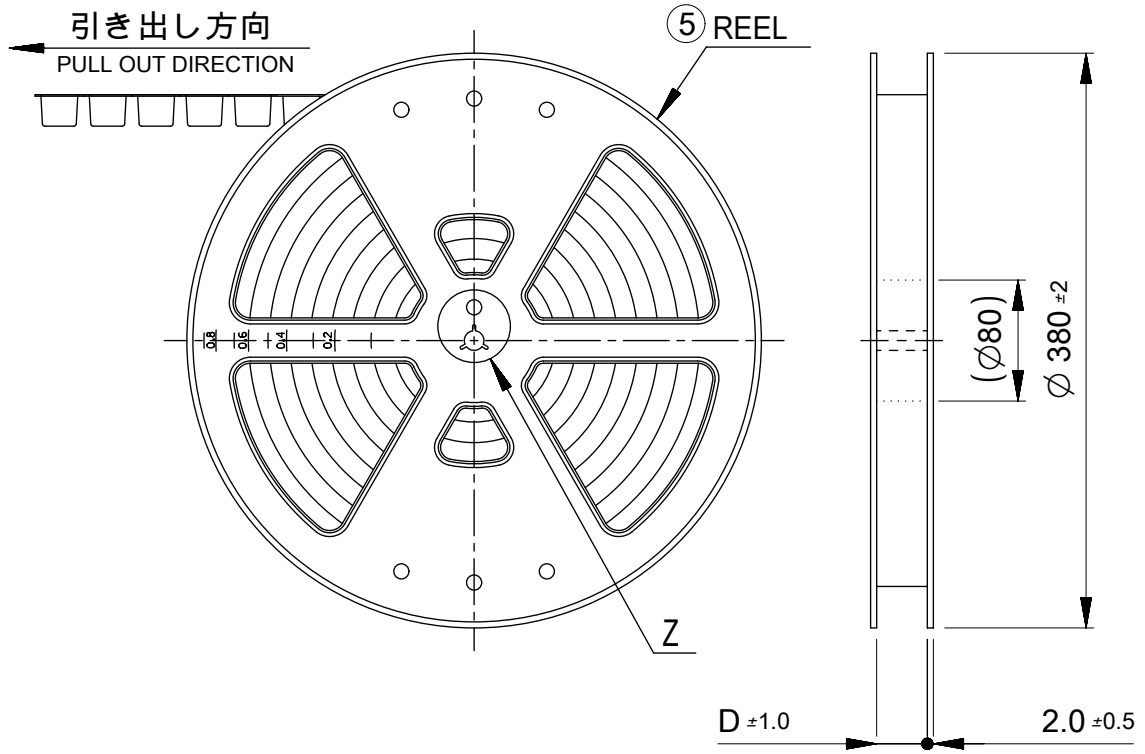


嵌合図
MATED CONNECTORS

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				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.1 MICRO-METER							
ANGULAR TOL ± 3.0°											
4 PLACES		± 0.2		EC NO: 615136			PRODUCT CUSTOMER DRAWING				
3 PLACES		± 0.2		DRWN: AISHIKAWA 2019/09/05							
2 PLACES		± 0.2		CHK'D: AIDA 2019/09/11							
1 PLACE		± 0.2		APPR: SAKIYAMA 2019/09/17			DOCUMENT NUMBER 5011900000-SD				
0 PLACES		± 0.2		INITIAL REVISION:						DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AISHIKAWA 2019/03/19			DOC PART		REVISION		
				APPR: KOMURAKAMI 2019/04/03			PSD		000		
				THIRD ANGLE PROJECTION			DRAWING		SHEET NUMBER		
				A3-SIZE		501190		SEE SHEET 5		2 OF 4	

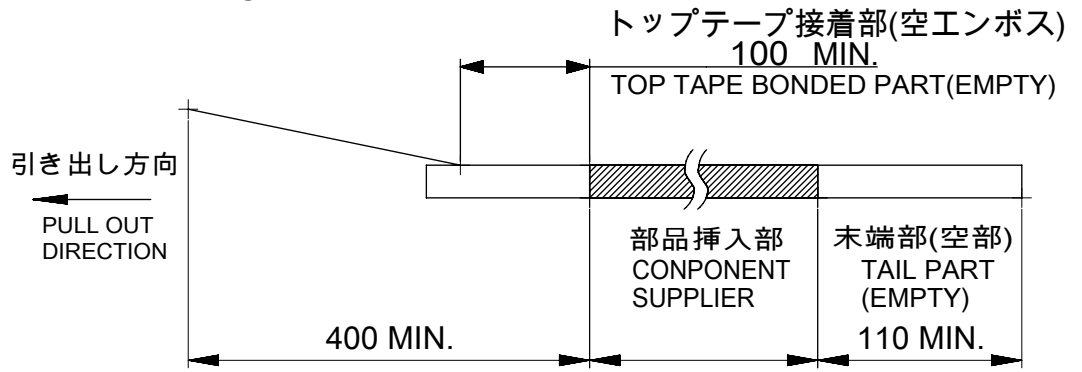
DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17	08:21:00
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FORMAT: master-b-prod-A3
REVISION: 14
DATE: 2018/01/18



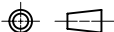
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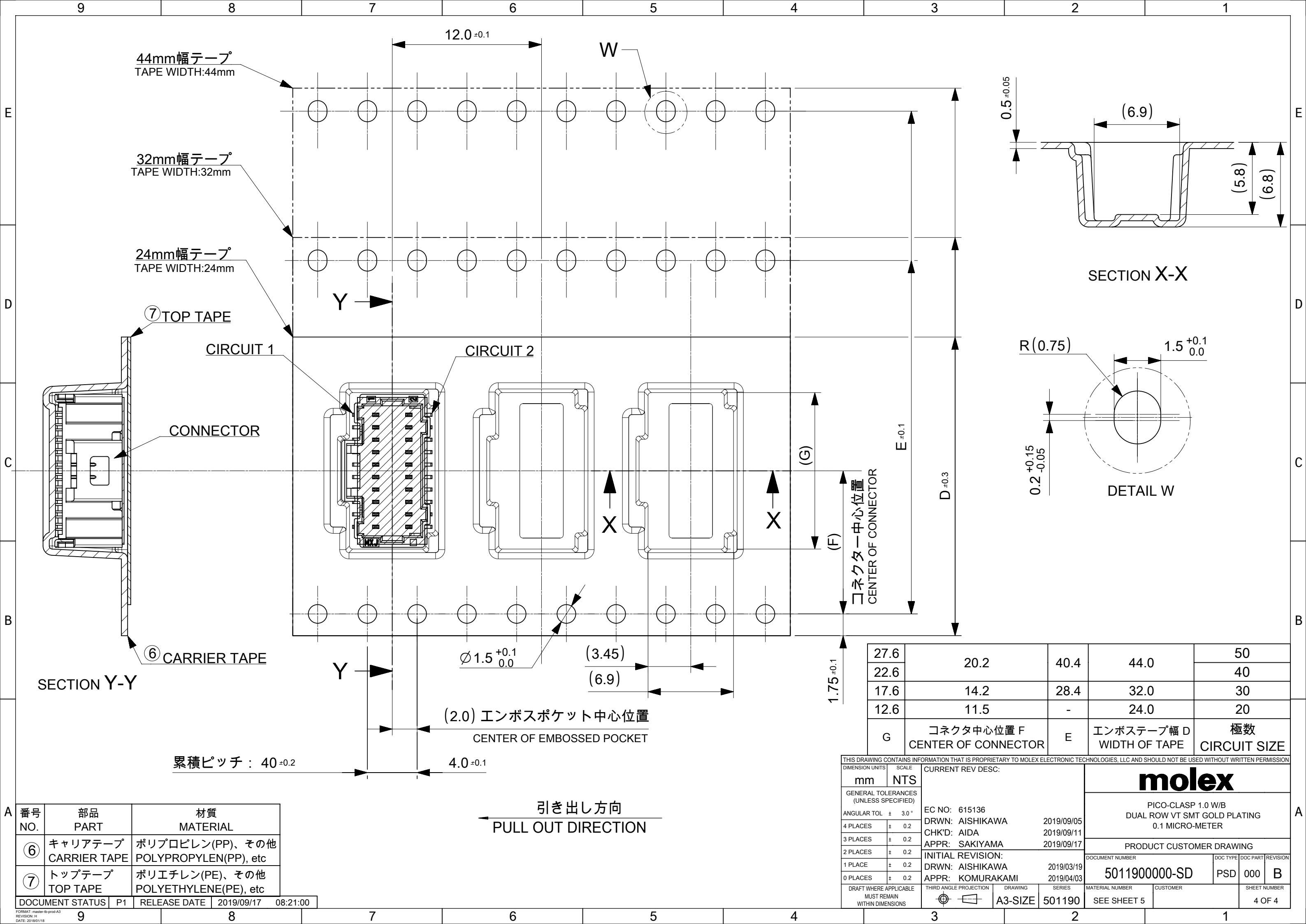
10. 梱包数量:1100個/リール
NUMBER OF CONNECTORS : 1100 PIECES/REEL
11. リードテープ長さ
LEAD TAPE LENGTH
12. トップテープの剥離強度はIEC60286-3に準拠。
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.
13. 梱包仕様書 : SPK-501190-001
PACKAGE SPECIFICATION:



45.5	50
	40
33.5	30
25.5	20
D	極数 CIRCUIT SIZE

番号 NO.	部品 PART	材質 MATERIAL
⑤	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	2019/09/17 08:21:00

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 PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.1 MICRO-METER				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± 3.0 °		EC NO: 615136 DRWN: AISHIKAWA 2019/09/05 CHK'D: AIDA 2019/09/11 APPR: SAKIYAMA 2019/09/17			PRODUCT CUSTOMER DRAWING				
4 PLACES		± 0.2									
3 PLACES		± 0.2									
2 PLACES		± 0.2									
1 PLACE		± 0.2									
0 PLACES		± 0.2		INITIAL REVISION: DRWN: AISHIKAWA 2019/03/19 APPR: KOMURAKAMI 2019/04/03			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 					5011900000-SD		PSD	000	B
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				SEE SHEET 5				3 OF 4			
		DRAWING		SERIES							
		A3-SIZE		501190							



44mm幅テープ
TAPE WIDTH:44mm

32mm幅テープ
TAPE WIDTH:32mm

24mm幅テープ
TAPE WIDTH:24mm

⑦ TOP TAPE

CIRCUIT 1

CIRCUIT 2

CONNECTOR

⑥ CARRIER TAPE

SECTION Y-Y

SECTION X-X

DETAIL W

(2.0) エンボスポケット中心位置
CENTER OF EMBOSSED POCKET

累積ピッチ : 40 ±0.2

4.0 ±0.1

引き出し方向
PULL OUT DIRECTION

27.6	20.2	40.4	44.0	50
22.6				40
17.6	14.2	28.4	32.0	30
12.6	11.5	-	24.0	20
G	コネクタ中心位置 F CENTER OF CONNECTOR		E	エンボステープ幅 D WIDTH OF TAPE
				極数 CIRCUIT SIZE

番号 NO.	部品 PART	材質 MATERIAL
⑥	キャリアテープ CARRIER TAPE	ポリプロピレン(PP)、その他 POLYPROPYLEN(PP), etc
⑦	トップテープ TOP TAPE	ポリエチレン(PE)、その他 POLYETHYLENE(PE), etc

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17	08:21:00
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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	EC NO: 615136		PICO-CLASP 1.0 W/B			
mm	NTS	DRWN: AISHIKAWA		DUAL ROW VT SMT GOLD PLATING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		2019/09/05		0.1 MICRO-METER			
ANGULAR TOL	± 3.0 °	CHK'D: AIDA		PRODUCT CUSTOMER DRAWING			
4 PLACES	± 0.2	APPR: SAKIYAMA					
3 PLACES	± 0.2	INITIAL REVISION:					
2 PLACES	± 0.2	DRWN: AISHIKAWA					
1 PLACE	± 0.2	2019/03/19					
0 PLACES	± 0.2	APPR: KOMURAKAMI					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		⊕ ⊖	A3-SIZE	501190	SEE SHEET 5		4 OF 4