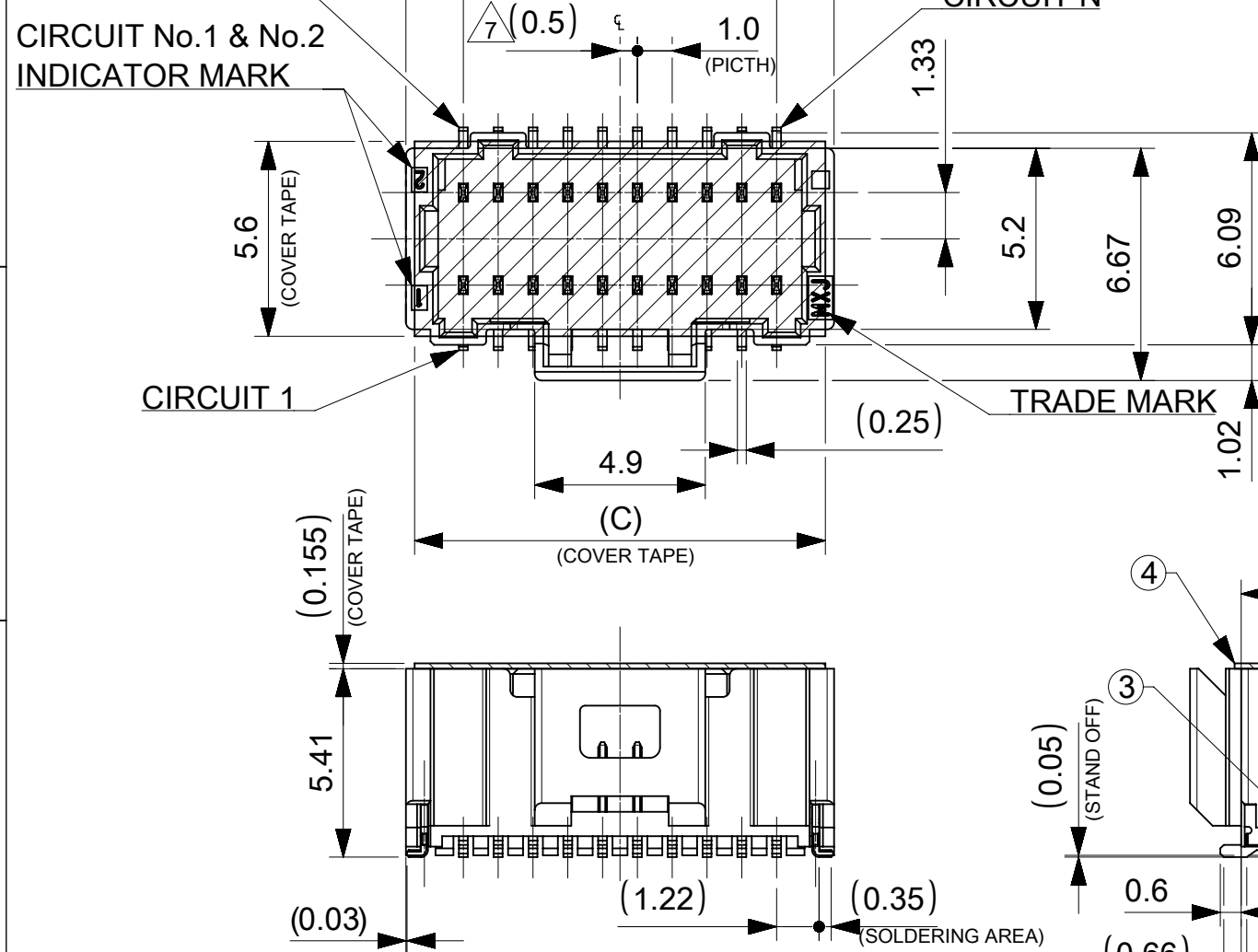


E

CIRCUIT No.1 & No.2
INDICATOR MARK



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 SHEET 5 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 5	
②	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE	
		接点部 CONTACT AREA	金めっき : 0.76 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 : 1.27 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	

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17	08:20:58
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NOTES

- 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. ソルダー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.
0.1	501190	5011900000-SD PSD 000
0.38	203564	2035640000-SD PSD 000

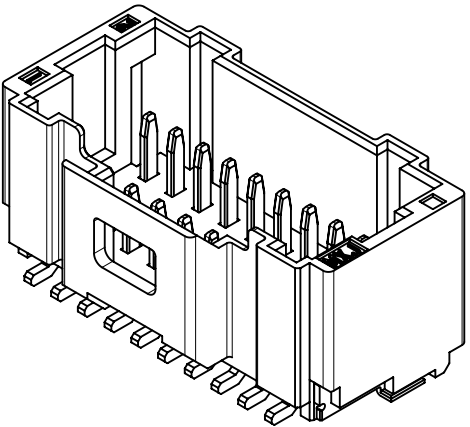
- ⑨ 発注番号 : TABLE 2 参照
ORDER No. : SEE TABLE 2

203565

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:EMBOSSED PACKAGE

⑨ TABLE 2

			HOUSING COLOR	
			NATURAL(WHITE)	
26.8	24.0	27.3	203565 5017	50
21.8	19.0	22.3	203565 4017	40
16.8	14.0	17.3	203565 3017	30
11.8	9.0	12.3	203565 2017	20
C	B	A	発注番号 ORDER No.	極数 CIRCUIT SIZE
極数別 寸法 DIMENSION			梱包形態 : エンボスリール PACKAGE:EMBOSSED REEL	



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DIMENSION UNITS	SCALE
mm	NTS

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

CURRENT REV DESC:

EC NO: 615136
DRWN: AISHIKAWA 2019/09/06
CHK'D: AIDA 2019/09/11
APPR: SAKIYAMA 2019/09/17

INITIAL REVISION:
DRWN: AISHIKAWA 2019/03/29
APPR: KOMURAKAMI 2019/04/03

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
203565

molex

PICO-CLASP 1.0 W/B
DUAL ROW VT SMT GOLD PLATING
0.76 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
2035650000-SD

DOC TYPE
PSD

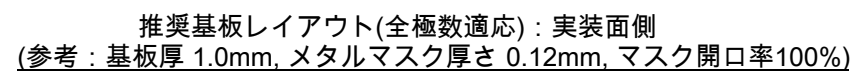
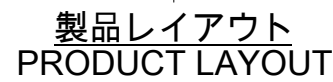
DOC PART
000

REVISION
B

MATERIAL NUMBER
SEE SHEET 5

CUSTOMER

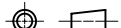
SHEET NUMBER
1 OF 4

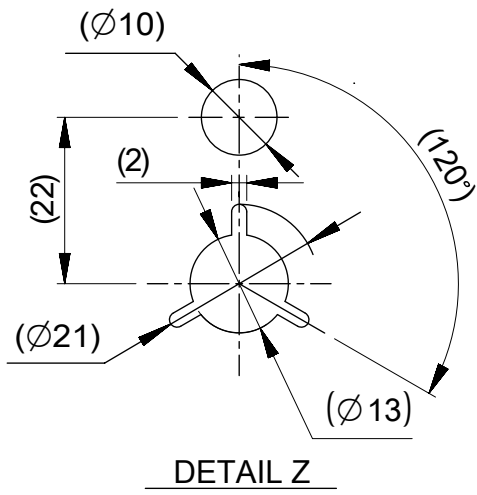
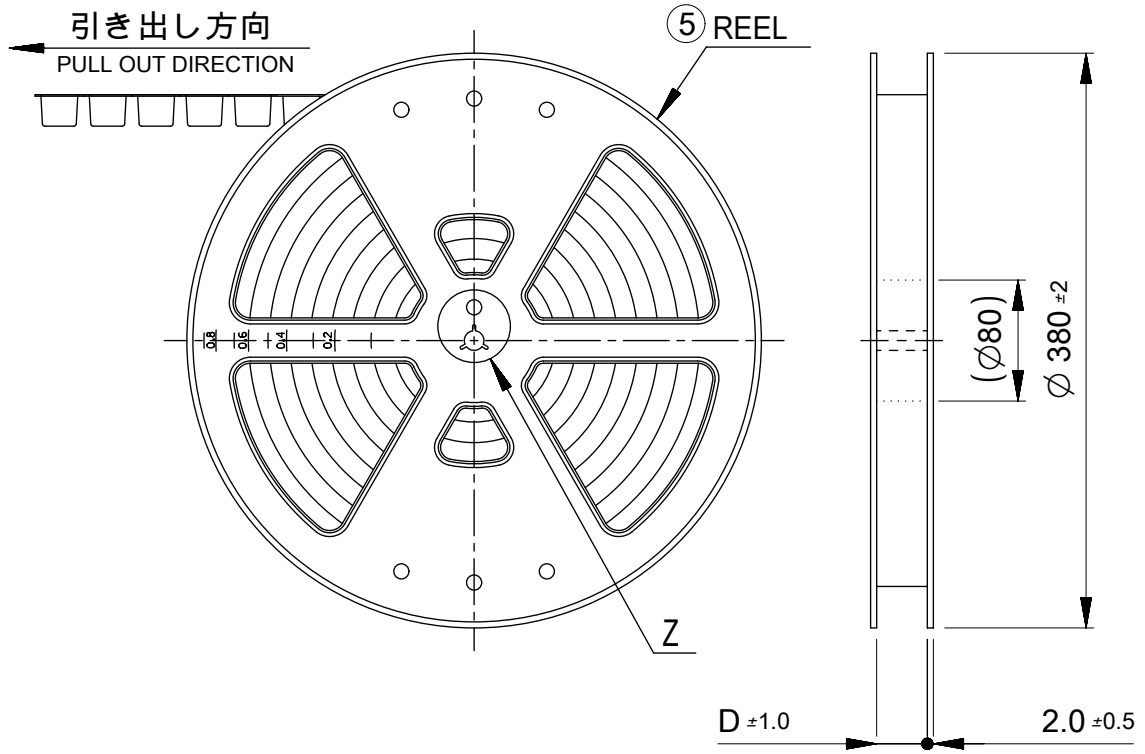


POLARIZED RECOMMENDED PCB LAYOUT(APPLY TO ALL CIRCUIT) : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)

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

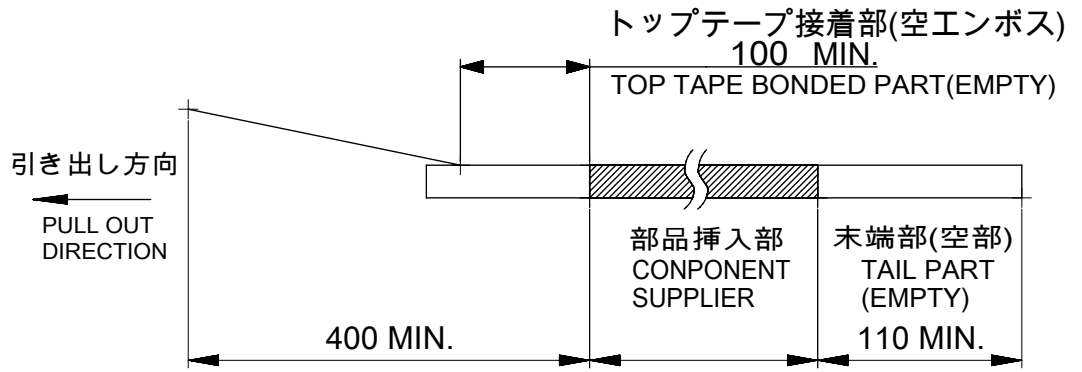


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex								
mm		NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 615136 DRWN: AISHIKAWA 2019/09/06 CHK'D: AIDA 2019/09/11 APPR: SAKIYAMA 2019/09/17 INITIAL REVISION: DRWN: AISHIKAWA 2019/03/29 APPR: KOMURAKAMI 2019/04/03				PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.76 MICRO-METER								
ANGULAR TOL ± 3.0°																
4 PLACES ± 0.2		2 PLACES ± 0.2														
3 PLACES ± 0.2		1 PLACE ± 0.2						PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ± 0.2								2035650000-SD				PSD	000	B		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		203565		SEE SHEET 5				2 OF 4		



NOTES

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

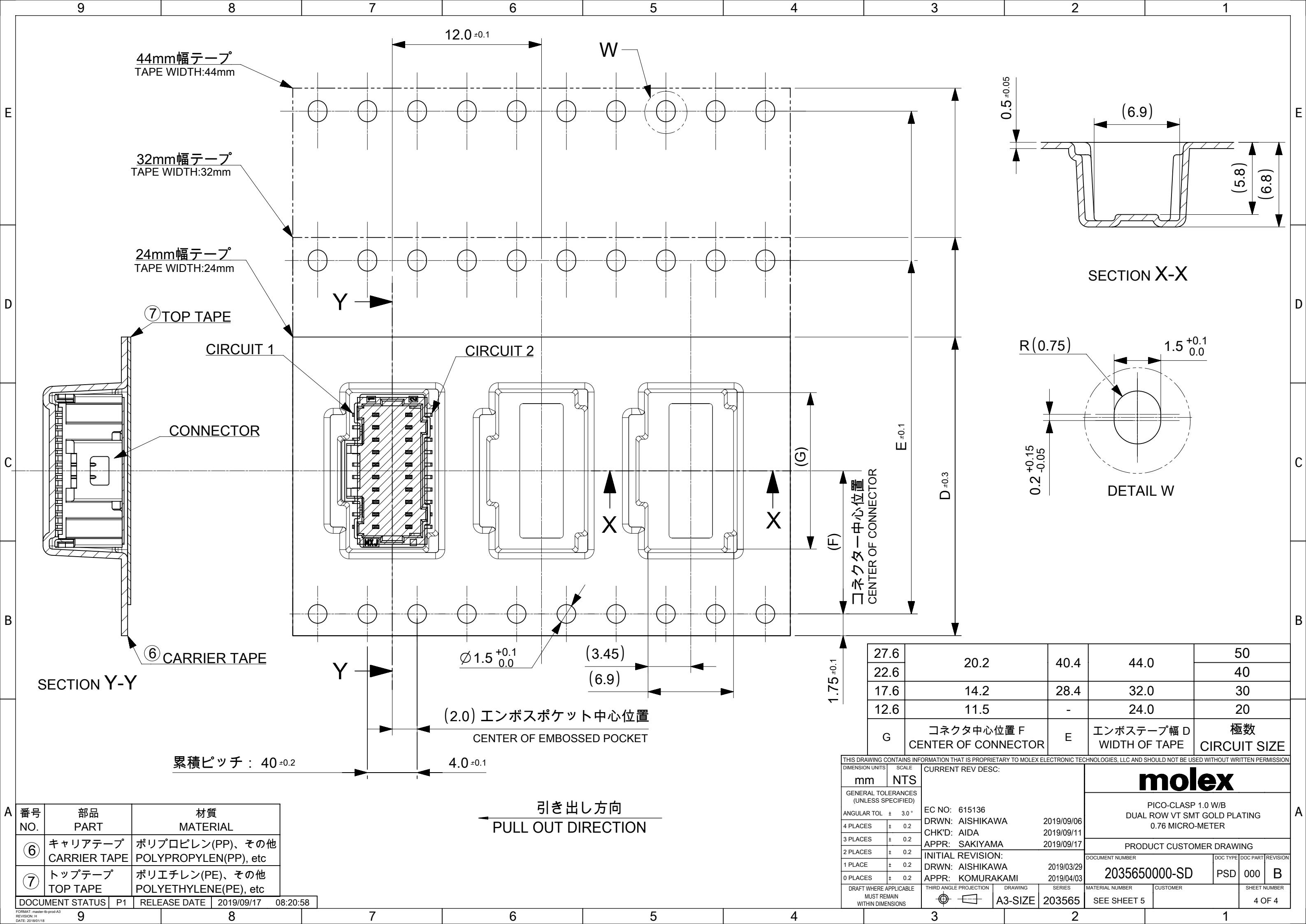


12. トップテープの剥離強度はIEC60286-3に準拠。
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.
13. 梱包仕様書 : 2035659200 PS 200
PACKAGE SPECIFICATION:

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 08:20:58

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 0.76 MICRO-METER					
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 3.0 °												
4 PLACES		± 0.2		EC NO: 615136			2019/09/06					
3 PLACES		± 0.2		DRWN: AISHIKAWA								
2 PLACES		± 0.2		CHK'D: AIDA								
1 PLACE		± 0.2		APPR: SAKIYAMA			2019/09/11					
0 PLACES		± 0.2		INITIAL REVISION:			2019/09/17					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AISHIKAWA			2019/03/29					
				APPR: KOMURAKAMI			2019/04/03					
				THIRD ANGLE PROJECTION			DRAWING					
							SERIES			MATERIAL NUMBER		
A3-SIZE				203565			CUSTOMER			SHEET NUMBER		
SEE SHEET 5							2035650000-SD			DOC TYPE		
							PSD			DOC PART		
							000			REVISION		
							B					
										3 OF 4		



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

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

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 mm		SCALE NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)		PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.76 MICRO-METER		
ANGULAR TOL		± 3.0 °		4 PLACES ± 0.2		PRODUCT CUSTOMER DRAWING		
3 PLACES ± 0.2		2 PLACES ± 0.2		1 PLACE ± 0.2		DOCUMENT NUMBER		
0 PLACES ± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		2035650000-SD		
		DRAWING A3-SIZE		SERIES 203565		CUSTOMER SEE SHEET 5		
						SHEET NUMBER 4 OF 4		

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	08:20:58
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