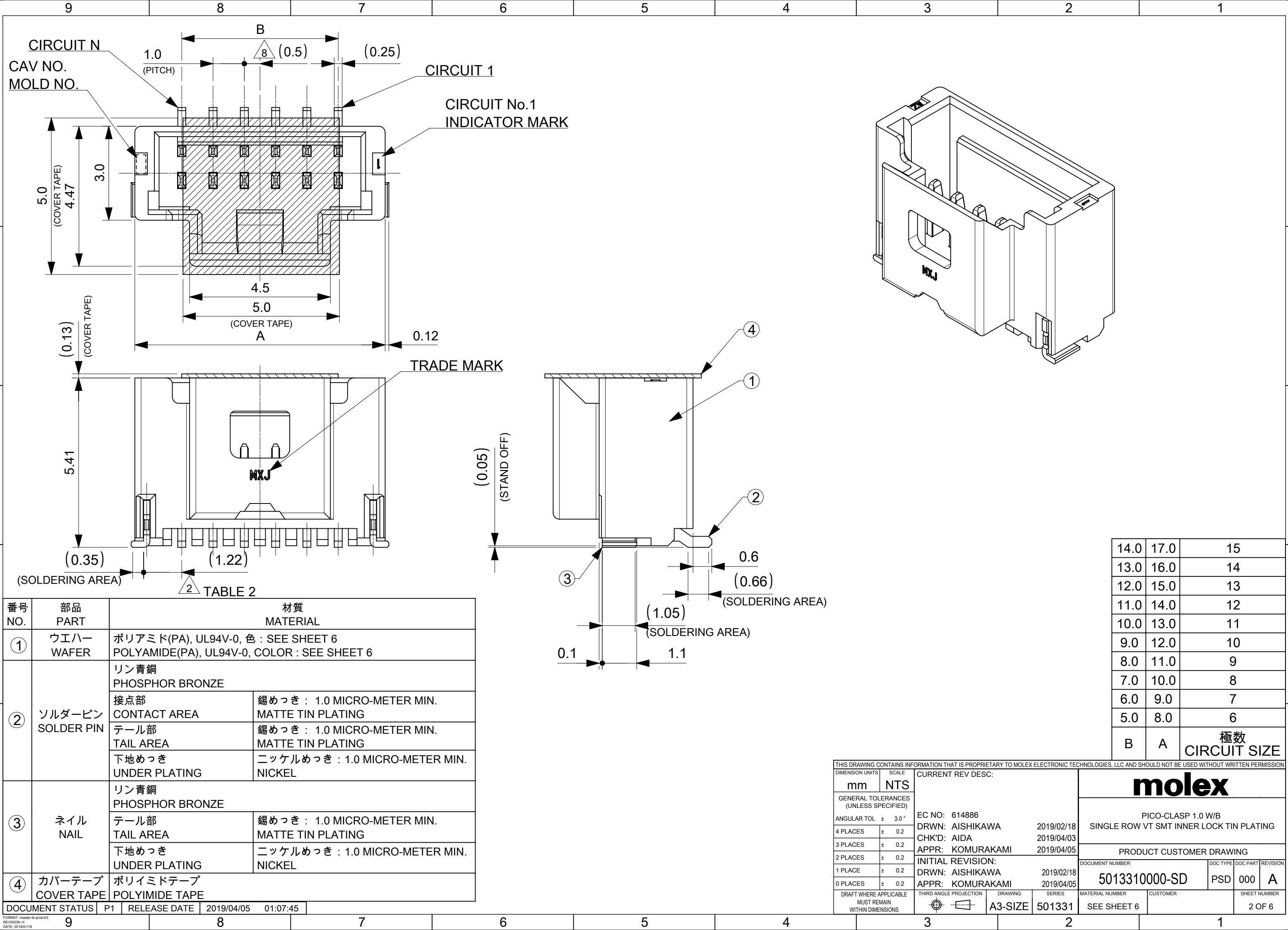


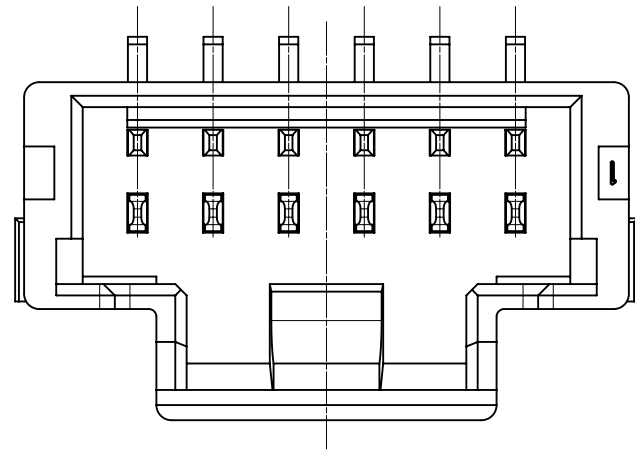


番号 NO.	部品 PART	材質 MATERIAL	
①	ウエハー WAFER	ポリアミド(PA), UL94V-0, 色 : SEE SHEET 6 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 6	
②	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE	
		接点部 CONTACT AREA	錫めっき : 1.0 MICRO-METER MIN. MATTE TIN PLATING
		テール部 TAIL AREA	錫めっき : 1.0 MICRO-METER MIN. MATTE TIN PLATING
③	ネイル NAIL	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	2019/04/05	01:07:45
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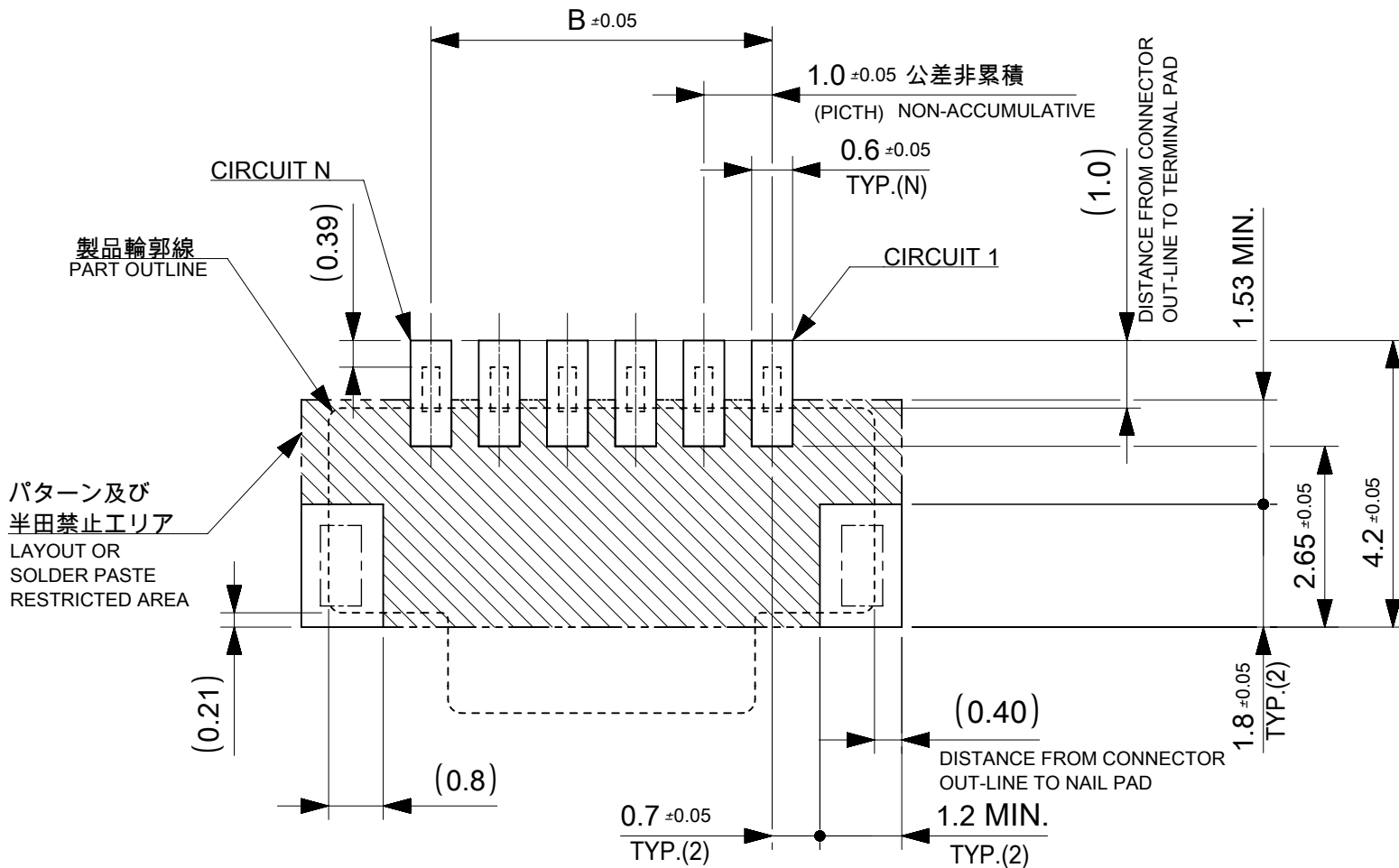
14.0	17.0	15
13.0	16.0	14
12.0	15.0	13
11.0	14.0	12
10.0	13.0	11
9.0	12.0	10
8.0	11.0	9
7.0	10.0	8
6.0	9.0	7
5.0	8.0	6
B	A	極数 CIRCUIT SIZE

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)				PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER LOCK TIN PLATING													
ANGULAR TOL ± 3.0 °																	
4 PLACES		± 0.2		EC NO: 614886			PRODUCT CUSTOMER DRAWING										
3 PLACES		± 0.2		DRWN: AISHIKAWA 2019/02/18													
2 PLACES		± 0.2		CHK'D: AIDA 2019/04/03													
1 PLACE		± 0.2		APPR: KOMURAKAMI 2019/04/05			DOCUMENT NUMBER 5013310000-SD										
0 PLACES		± 0.2		INITIAL REVISION:						DOC TYPE PSD							
				DRWN: AISHIKAWA 2019/02/18						DOC PART 000							
				APPR: KOMURAKAMI 2019/04/05			REVISION A										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								A3-SIZE		501331		SEE SHEET 6				2 OF 6	



製品レイアウト(参考 : 6~15 CIRCUITS)
PRODUCT LAYOUT(REFERENCE: 6~15 CIRCUITS)

5 嵌合相手 : 501330 シリーズ
MATE WITH : 501330 SERIES

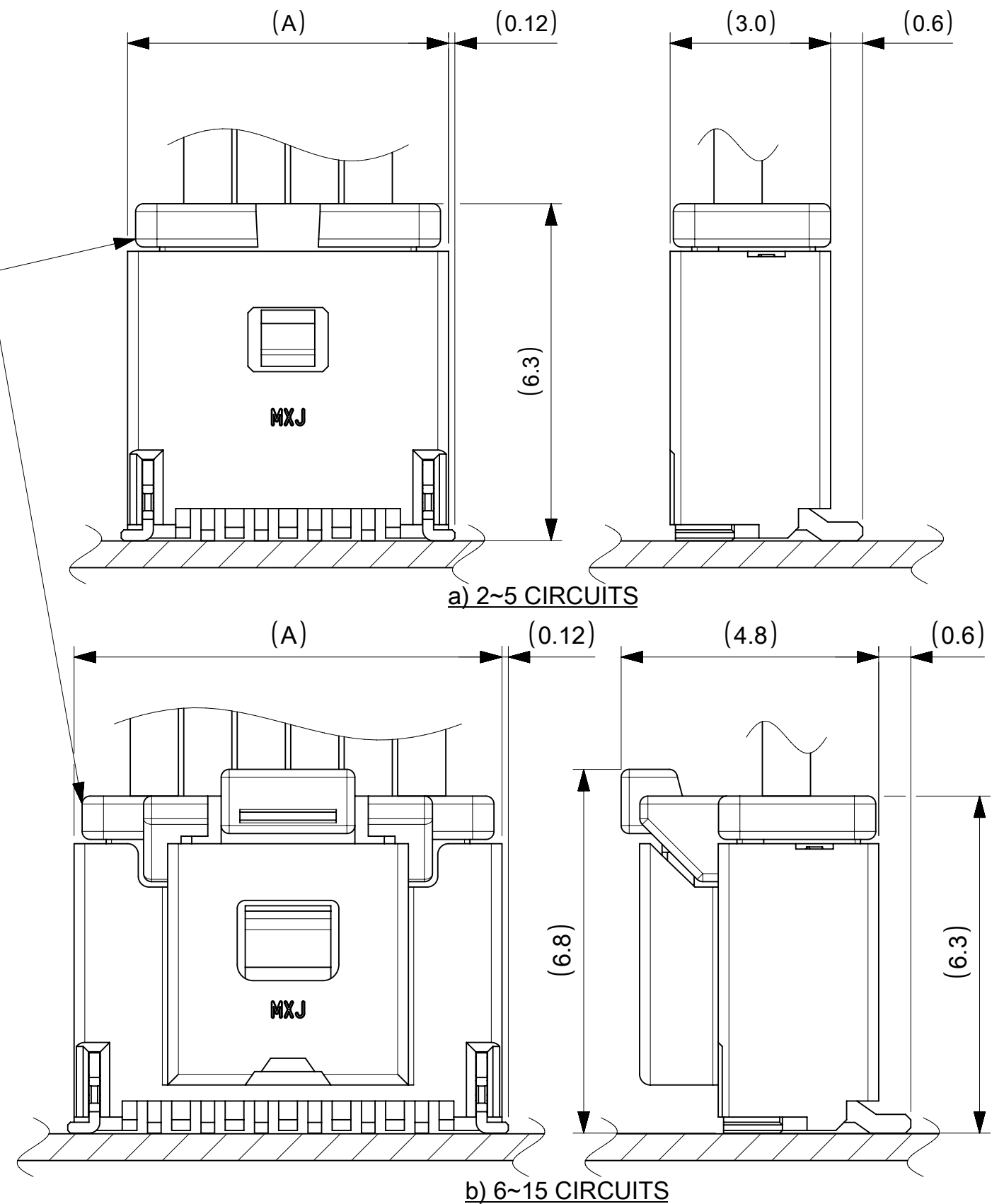


推奨基板レイアウト(全極数適応) : 実装面側
(参考 : 基板厚 1.0mm, メタルマスク厚さ 0.12mm, マスク開口率100%)

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

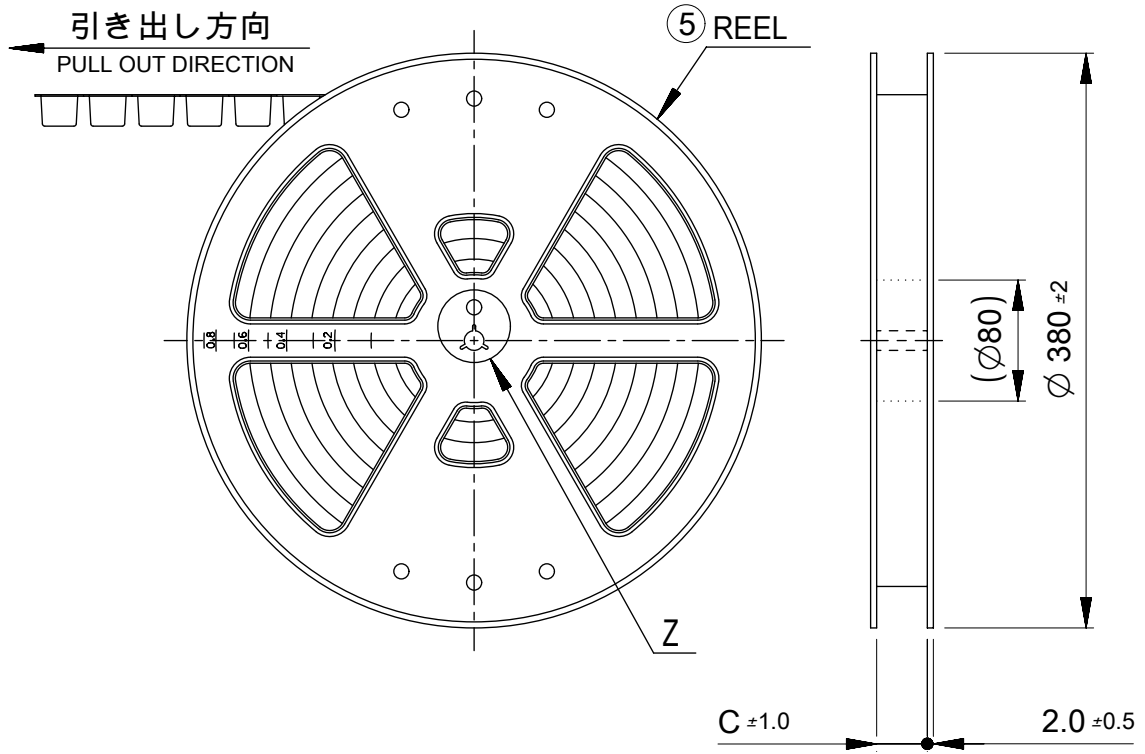


:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED



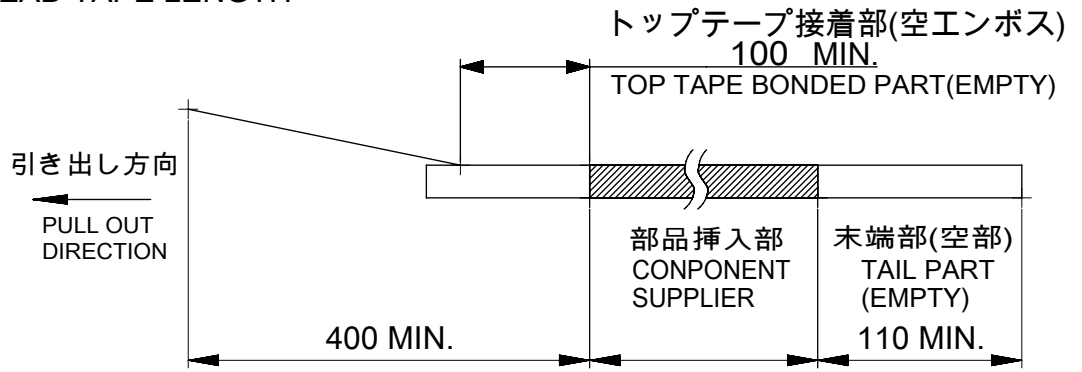
b) 6~15 CIRCUITS
嵌合図
MATED CONNECTORS

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 SINGLE ROW VT SMT INNER LOCK TIN PLATING							
ANGULAR TOL ± 3.0°											
4 PLACES		± 0.2		EC NO: 614886			PRODUCT CUSTOMER DRAWING				
3 PLACES		± 0.2		DRWN: AISHIKAWA 2019/02/18							
2 PLACES		± 0.2		CHK'D: AIDA 2019/04/03							
1 PLACE		± 0.2		APPR: KOMURAKAMI 2019/04/05			DOCUMENT NUMBER 5013310000-SD				
0 PLACES		± 0.2		INITIAL REVISION:						DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AISHIKAWA 2019/02/18			PSD 000 A				
				APPR: KOMURAKAMI 2019/04/05							
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		A3-SIZE		501331		SEE SHEET 6				3 OF 6	

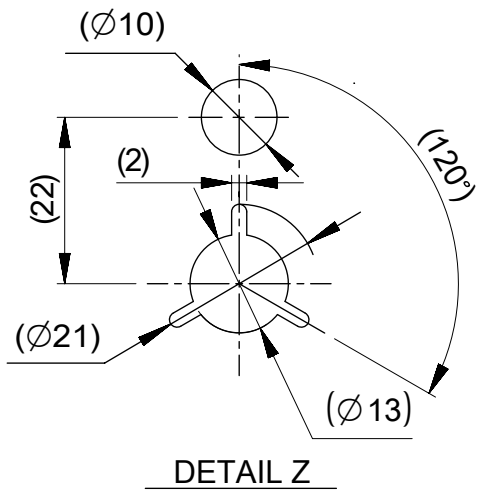


NOTES

- 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. 2~5極品は乾燥剤入り、ハイバリア梱包による納品となります。
2~5 CIRCUITS IS DELIVERED IN A HIGH BARIER PACKAGE WITH DESOCCANT.
- 14. 梱包仕様書 : SPK-501331-001
PACKAGE SPECIFICATION:
- 15. 発注番号 : SHEET 6 参照
ORDER No. : PLEASE REFER TO SHEET 6 FOR PRODUCT LIST.



501331 ** * *

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

33.4	15
	14
	13
25.4	12
	11
	10
	9
	8
17.5	7
	6
	5
	4
C	3
	2
	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 2019/04/05 01:07:45

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:	
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 501331
MATERIAL NUMBER SEE SHEET 6	
CUSTOMER	
SHEET NUMBER 4 OF 6	

EC NO: 614886	
DRWN: AISHIKAWA	2019/02/18
CHK'D: AIDA	2019/04/03
APPR: KOMURAKAMI	2019/04/05
INITIAL REVISION:	
DRWN: AISHIKAWA	2019/02/18
APPR: KOMURAKAMI	2019/04/05

DOCUMENT NUMBER 5013310000-SD	
DOC TYPE PSD	DOC PART 000
REVISION A	

PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER LOCK TIN PLATING	
PRODUCT CUSTOMER DRAWING	

molex	
-------	--

2~5 CIRCUITS

引き出し方向
PULL OUT DIRECTION

16mm幅テープ
TAPE WIDTH:16mm

SECTION Y-Y

6~15 CIRCUITS

⑦ TOP TAPE

CONNECTOR

⑥ CARRIER TAPE

SECTION W-W

$$\underline{\underline{\phi 1.5^{+0.1}_{0.0}}}$$

4.0 $\pm$ 0.1 累積ピッチ : 40 $\pm$ 0.2
ACCUMULATIVE PITCH:

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

DETAIL U

32mm幅テープ
TAPE WIDTH:32mm

24mm幅テープ
TAPE WIDTH:24mm

SECTION X-X

SECTION V-V

18.3	14.2	32	15
17.3			14
16.3			13
15.3	11.5	24	12
14.3			11
13.3			10
12.3			9
11.3			8
10.3			7
9.3			6
8.3	7.5	16	5
7.3			4
6.3			3
5.3			2
F	コネクタ中心位置 E SENDER OF CONNECTOR	エンボステープ幅 D WIDTH OF TAPE	極数 CIRCUIT SIZE

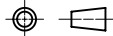
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER LOCK TIN PLATING											
ANGULAR TOL ± 3.0°															
4 PLACES		± 0.2		EC NO: 614886				PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.2		DRWN: AISHIKAWA 2019/02/18											
2 PLACES		± 0.2		CHK'D: AIDA 2019/04/03											
1 PLACE		± 0.2		APPR: KOMURAKAMI 2019/04/05											
0 PLACES		± 0.2		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRWN: AISHIKAWA 2019/02/18				APPR: KOMURAKAMI 2019/04/05				5013310000-SD		PSD		000		A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		501331		SEE SHEET 6						5 OF 6	

A	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 2019/04/05 01:07:45

△₁₃△₁₅ 製品一覧 PRODUCT LIST

HOUSING COLOR			
NATURAL(BEIGE)			
501331	1507	15	
↑	1407	14	
	1307	13	
	1207	12	
	1107	11	
	1007	10	
	0907	9	
	0807	8	
	0707	7	
	0607	6	
	0507	5	
	0407	4	
	▽	0307	3
		501331 0207	2
	発注番号 ORDER No.		極数 CIRCUIT SIZE
梱包形態：エンボスリール PACKAGE:EMBOSSED REEL			

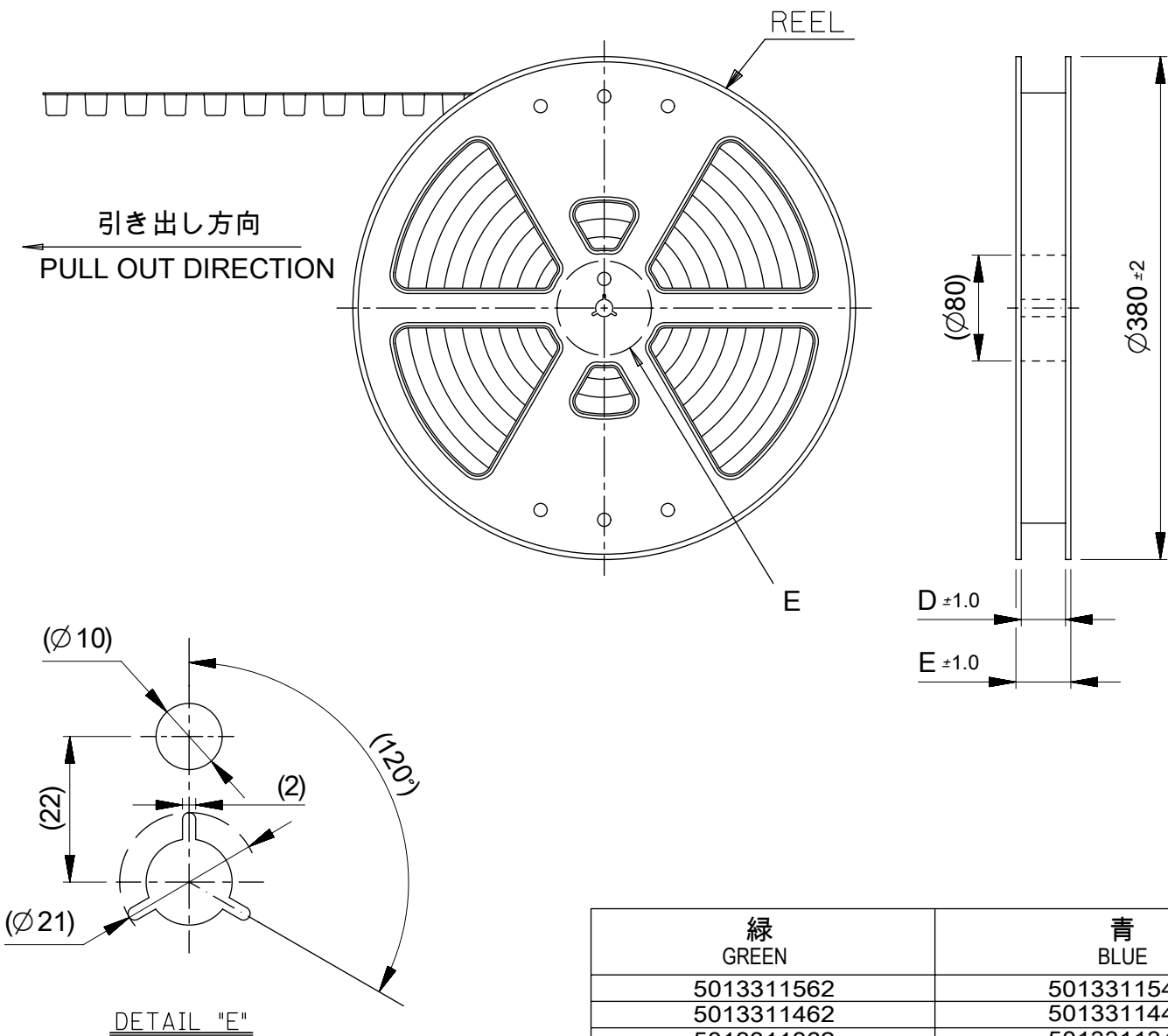
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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 614886 DRWN: AISHIKAWA 2019/02/18 CHK'D: AIDA 2019/04/03 APPR: KOMURAKAMI 2019/04/05 INITIAL REVISION: DRWN: AISHIKAWA 2019/02/18 APPR: KOMURAKAMI 2019/04/05		PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER LOCK TIN PLATING			
ANGULAR TOL	± 3.0 °			PRODUCT CUSTOMER DRAWING			
4 PLACES	± 0.2			DOCUMENT NUMBER		DOC TYPE	DOC PART
3 PLACES	± 0.2			5013310000-SD		PSD	000
2 PLACES	± 0.2						
1 PLACE	± 0.2	THIRD ANGLE PROJECTION 		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
0 PLACES	± 0.2			A3-SIZE	501331	SEE SHEET 6	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SHEET NUMBER 6 OF 6	

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/05	01:07:45
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987654321

FORMAT: master-B-prod-A3
REVISION: 14
DATE: 2018/01/18



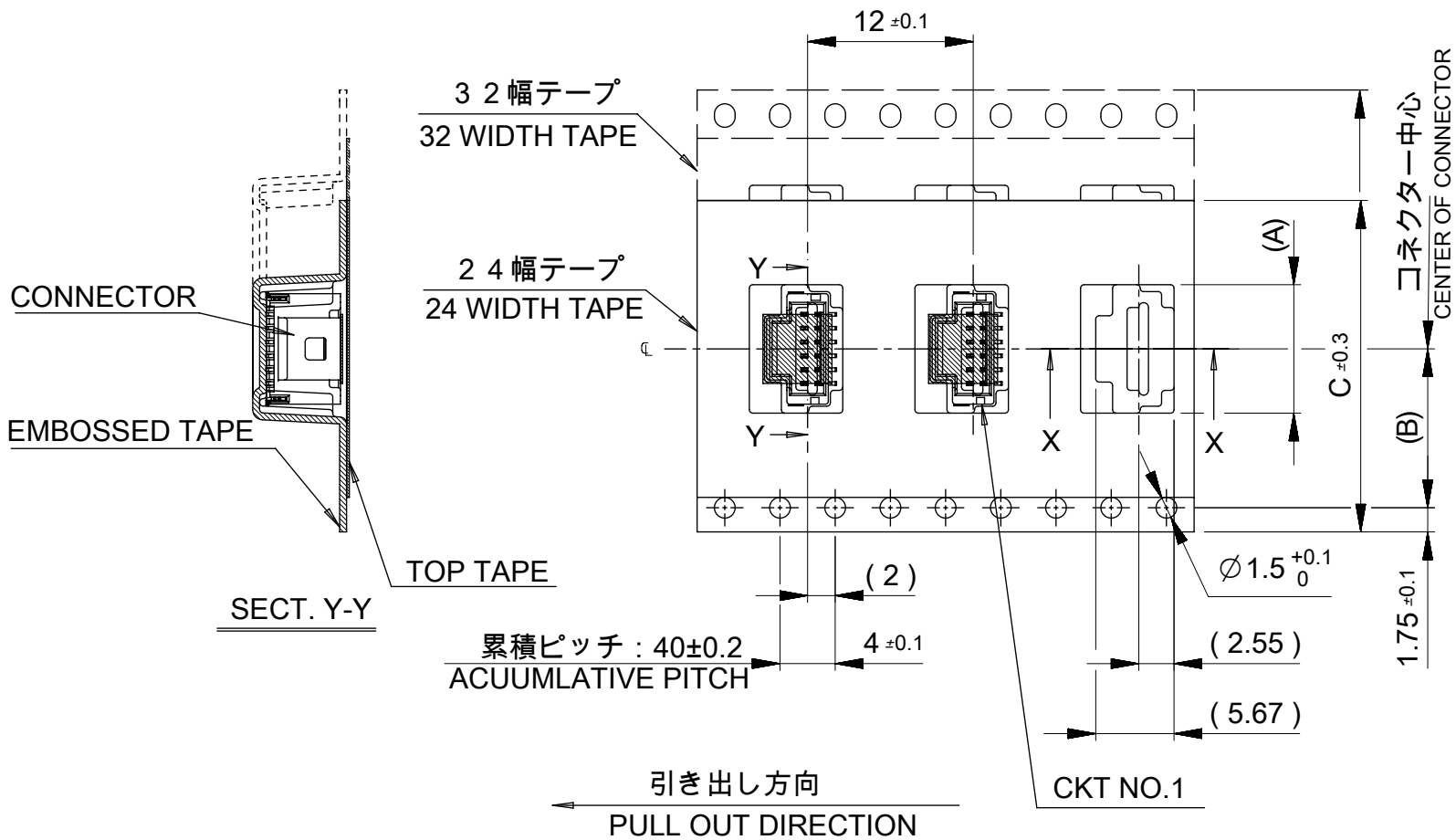
NOTES.

- 製品詳細寸法については製品単体図面を参照ください。
ABOUT DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量：1100個 / リール
NUMBER OF CONNECTORS：1100PIECES/REEL
- リードテープ長さ
LEAD TAPE LENGTH
トップテープ接着部 (空エンボス)
20 PIECES. MIN.
TOP TAPE BONDED PART (EMPTY)
部品挿入部
COMPONENT SUPPLIER
末端部 (空部)
TAIL PART (EMPTY)
40MIN.
- 材料
MATERIAL
キャリアテープ：ポリプロピレン
CARRIER TAPE：POLYPROPYLENE
トップテープ：PET, PE, REF
TOP TAPE
リール：ポリスチレン (リサイクル材を含む)
REEL：POLYSTYLENE (RECYCLE MATERIAL CONTAINED)

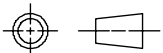
緑 GREEN	青 BLUE	赤 RED	黒 BLACK	自然色 NATURAL	色 COLOR
5013311562	5013311542	5013311522	5013311512	5013311507	15
5013311462	5013311442	5013311422	5013311412	5013311407	14
5013311362	5013311342	5013311322	5013311312	5013311307	13
5013311262	5013311242	5013311222	5013311212	5013311207	12
5013311162	5013311142	5013311122	5013311112	5013311107	11
5013311062	5013311042	5013311022	5013311012	5013311007	10
5013310962	5013310942	5013310922	5013310912	5013310907	9
5013310862	5013310842	5013310822	5013310812	5013310807	8
5013310762	5013310742	5013310722	5013310712	5013310707	7
5013310662	5013310642	5013310622	5013310612	5013310607	6
EMBOSSED PACKAGE	EMBOSSED PACKAGE	EMBOSSED PACKAGE	EMBOSSED PACKAGE	EMBOSSED PACKAGE	極数 CIRCUTIS
△10 オーダー番号 ORDER NO.	△10 オーダー番号 ORDER NO.	△10 オーダー番号 ORDER NO.	△10 オーダー番号 ORDER NO.	△10 オーダー番号 ORDER NO.	

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RELEASED EC NO: 120301 DRWN: QHE31 CHK'D: SAKIYAMA APPR: TKANEKO	2017/08/03 2017/08/04 2017/08/04	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	DIMENSION UNITS MM	SCALE 1:1	molex PICO-CLASP 1.0 W/B SINGLE-ROW ST EMBSTP PKG WAFER ASS'Y	
			DRWN BY QHE31			DATE 2017/08/03
			CHK'D BY SAKIYAMA			DATE 2017/08/04
			APPR BY TKANEKO			DATE 2017/08/04
			DRAWING SIZE A3	THIRD ANGLE PROJECTION		
			PRODUCT CUSTOMER DRAWING			
SERIES 501331		MATERIAL NUMBER SEE TABLE OF SHEET 1		CUSTOMER		
DOCUMENT NUMBER 5013310612-SD		DOC TYPE PSD	DOC PART 000	SHEET NUMBER 1 OF 3		



37.4	33.4	32	14.2	18.3	15
				17.3	14
				16.3	13
29.4	25.4	24	11.5	15.3	12
				14.3	11
				13.3	10
				12.3	9
				11.3	8
				10.3	7
				9.3	6
E	D	C	(B)	(A)	極數 CIRCUITS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
RELEASED	EC NO: 120301 DRWN: QHE31 CHK'D: SAKIYAMA APPR: TKANEKO	2017/08/03 2017/08/04 2017/08/04	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®									
					MM													
					ANGULAR TOL ± 3.0 °				DRWN BY		DATE		PICO-CLASP 1.0 W/B SINGLE-ROW ST EMBSTP PKG WAFER ASS'Y					
					4 PLACES		± 0.2		QHE31		2017/08/03							
					3 PLACES		± 0.2		CHK'D BY		DATE							
					2 PLACES		± 0.2		SAKIYAMA		2017/08/04							
					1 PLACE		± 0.2		APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
					0 PLACES		± 0.2		TKANEKO		2017/08/04							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING SIZE		THIRD ANGLE PROJECTION						SERIES		MATERIAL NUMBER		CUSTOMER		
				A3								501331		SEE TABLE OF SHEET 1				
A		REV						DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER		
								5013310612-SD				PSD		000		2 OF 3		

