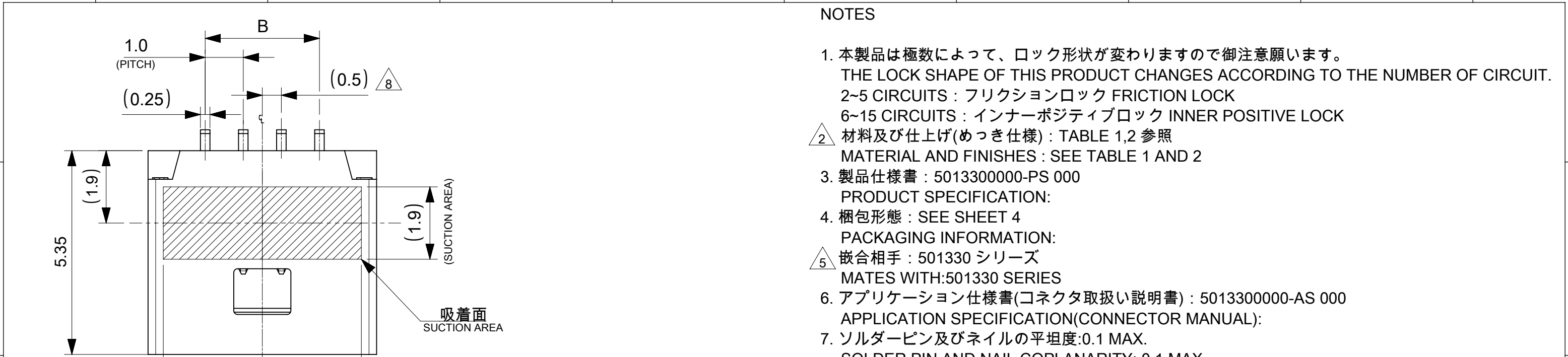




- NOTES
1. 本製品は極数によって、ロック形状が変わりますので御注意願います。
THE LOCK SHAPE OF THIS PRODUCT CHANGES ACCORDING TO THE NUMBER OF CIRCUIT.
2~5 CIRCUITS : フリクションロック FRICTION LOCK
6~15 CIRCUITS : インナーポジティブロック INNER POSITIVE LOCK

2. 材料及び仕上げ(めっき仕様) : TABLE 1,2 参照
MATERIAL AND FINISHES : SEE TABLE 1 AND 2

3. 製品仕様書 : 5013300000-PS 000
PRODUCT SPECIFICATION:

4. 梱包形態 : SEE SHEET 4
PACKAGING INFORMATION:

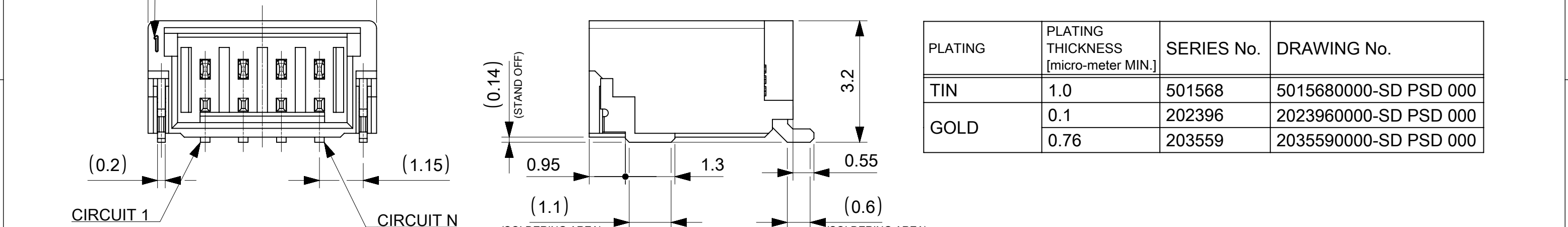
5. 嵌合相手 : 501330 シリーズ
MATES WITH:501330 SERIES

6. アプリケーション仕様書(コネクタ取扱い説明書) : 5013300000-AS 000
APPLICATION SPECIFICATION(CONNECTOR MANUAL):

7. ソルダーピン及びネイルの平坦度:0.1 MAX.
SOLDER PIN AND NAIL COPLANARITY: 0.1 MAX.

8. 偶数極に適用
APPLY FOR EVEN CIRCUIT

9. その他金めっき厚品及び錫めっき品は以下の図面を御参照ください。
PLEASE REFER TO THE FOLLOWING DRAWING
FOR OTHER GOLD PLATING VERSION AND TIN PLATING VERSION.



2 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 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 金めっき : 0.38 MICRO-METER MIN. GOLD PLATING テール部 TAIL AREA 金めっき : 0.05 MICRO-METER MIN. 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	黄銅 BRASS 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

6.24.07.05

5.23.06.04

4.22.05.03

3.21.04.02

CBCA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

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

EC NO: 698195

DRWN: MIKEDA01 2022/02/28

CHK'D: SAKIYAMA 2022/03/08

APPR: AIDA 2022/03/08

INITIAL REVISION:

DRWN: AISHIKAWA 2019/04/02

APPR: KOMURAKAMI 2019/04/05

DOCUMENT NUMBER
2035580000-SD

DOC TYPE
PSD

DOC PART
000

REVISION
C

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
203558

MATERIAL NUMBER
SEE SHEET 6

CUSTOMER

SHEET NUMBER
1 OF 6

moLEX
PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT INNER LOCK GOLD PLATING
0.38 MICRO-METER
PRODUCT CUSTOMER DRAWING

10987654321

9876543210

8765432109

7654321098

6543210987

5432109876

4321098765

3210987654

2109876543

1098765432

10987654321

9876543210

8765432109

7654321098

6543210987

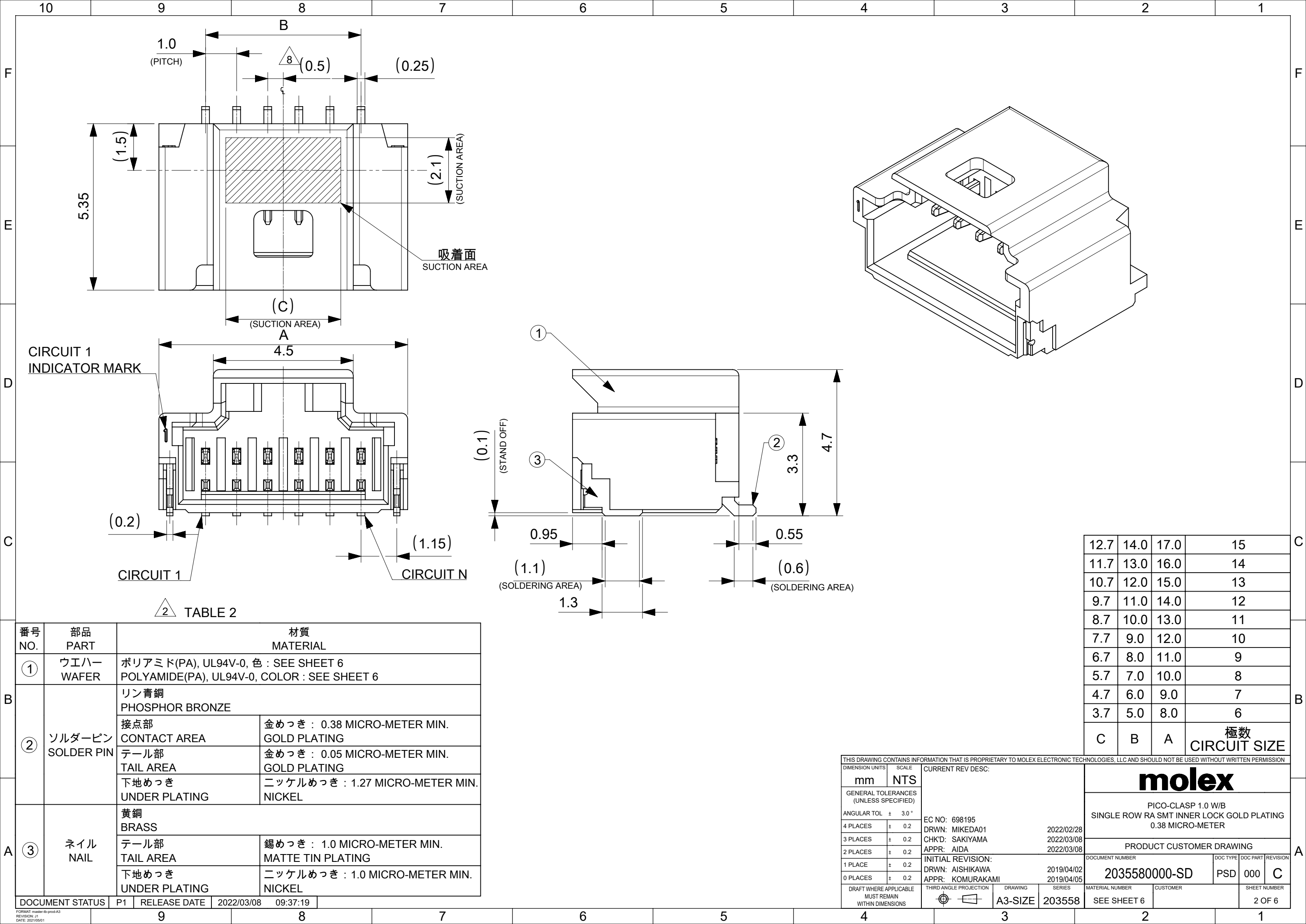
5432109876

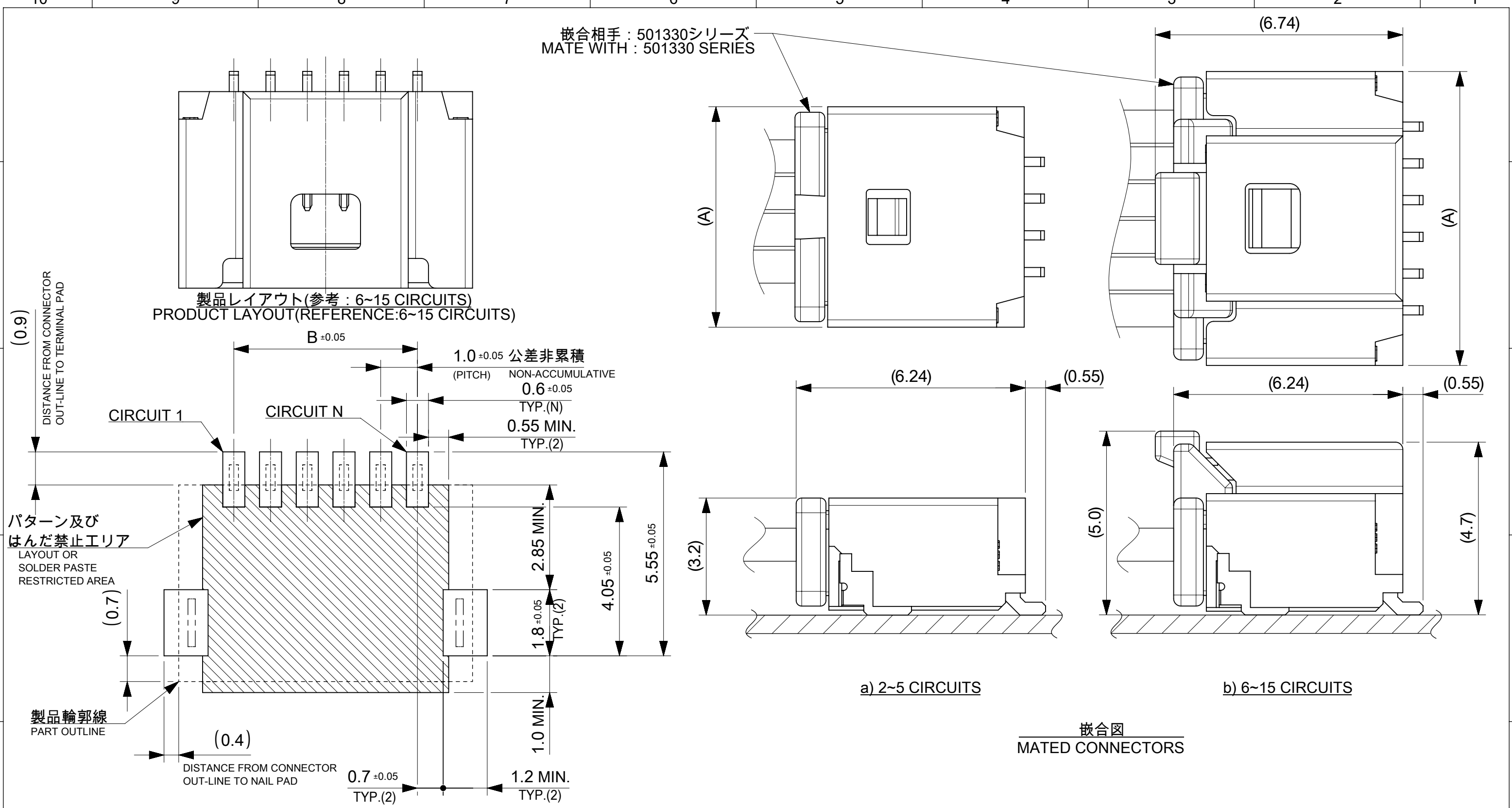
4321098765

3210987654

2109876543

1098765432





推奨基板レイアウト(全極数適用) : 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 CIRCUITS) : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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: 698195
DRWN: MIKEDA01
CHK'D: SAKIYAMA
APPR: AIDA

2022/02/28
2022/03/08
2022/03/08

INITIAL REVISION:
DRWN: AISHIKAWA
APPR: KOMURAKAMI

2019/04/02
2019/04/05

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT INNER LOCK GOLD PLATING
0.38 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

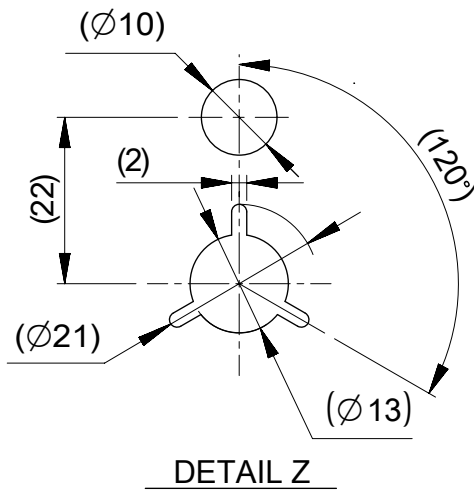
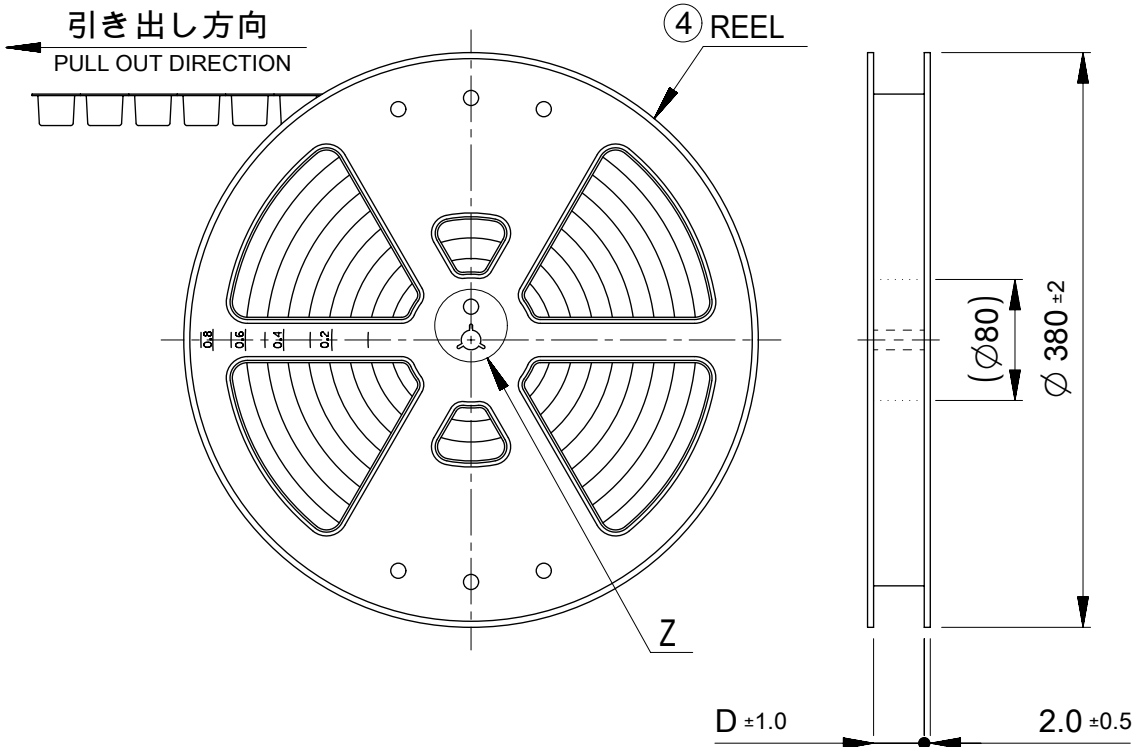
DOC TYPE

DOC PART

REVISION

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/08	09:37:19
-----------------	----	--------------	------------	----------

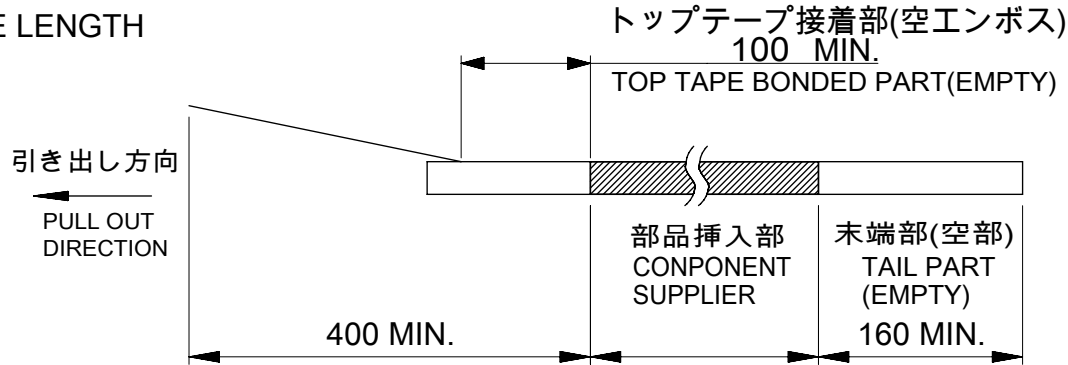
9 8 7 6 5 4 3 2 1



NOTES

10. 梱包数量
2-5 CIRCUIT: 1700個/リール
6-15 CIRCUIT: 1300個/リール
NUMBER OF CONNECTORS
2-5 CIRCUIT : 1700 PIECES/REEL
6-15 CIRCUIT : 1300 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 BARRIER PACKAGING WITH DESICCANT.
14. 梱包仕様書 : 2035589200 PS 200
PACKAGE SPECIFICATION:
- △15 発注番号 : SHEET 6 参照
ORDER No. : PLEASE REFER TO SHEET 6 FOR PRODUCT LIST.

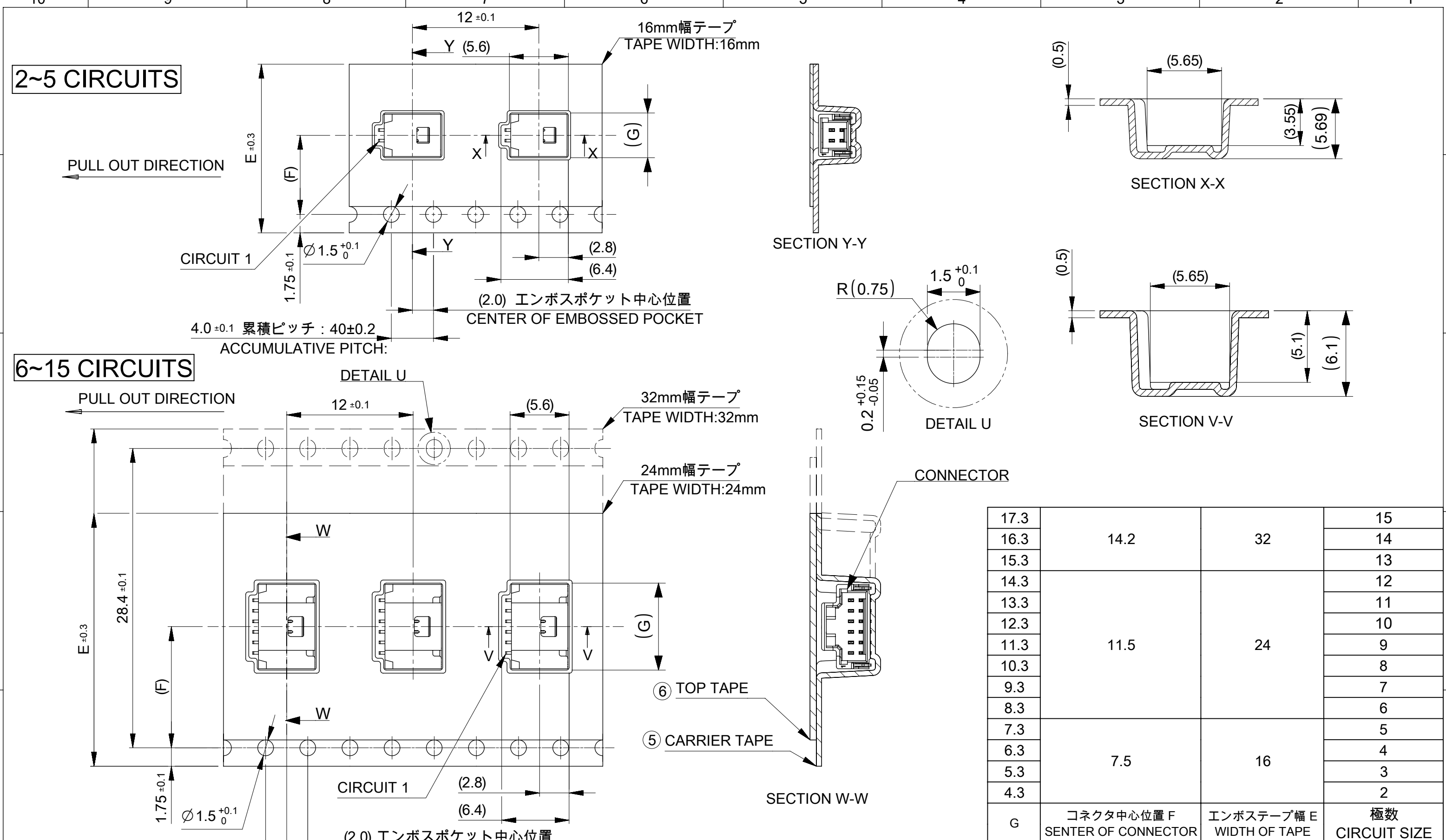
203558 - ** * *

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

番号 NO.	部品 PART	材質 MATERIAL
④	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	2022/03/08	09:37:19
-----------------	----	--------------	------------	----------

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					
ANGULAR TOL ± 3.0 °							SINGLE ROW RA SMT INNER LOCK GOLD PLATING					
4 PLACES ± 0.2							0.38 MICRO-METER					
3 PLACES ± 0.2				CHK'D: SAKIYAMA 2022/03/08			PRODUCT CUSTOMER DRAWING					
2 PLACES ± 0.2				APPR: AIDA 2022/03/08								
1 PLACE ± 0.2				INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES ± 0.2				DRWN: AISHIKAWA 2019/04/02			2035580000-SD		PSD	000	C	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						A3-SIZE	203558	SEE SHEET 6				4 OF 6



17.3	14.2	32	15
16.3			14
15.3			13
14.3	11.5	24	12
13.3			11
12.3			10
11.3			9
10.3			8
9.3	7.5	16	7
8.3			6
7.3			5
6.3			4
5.3			3
4.3			2
G	コネクタ中心位置 F SENER OF CONNECTOR	エンボステープ幅 E WIDTH OF TAPE	極数 CIRCUIT SIZE

番号 NO.	部品 PART	材質 MATERIAL
⑤	キャリアテープ CARRIER TAPE	ポリプロピレン(PP)、その他 POLYPROPYLENE(PP), etc
⑥	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	2022/03/08	09:37:19
-----------------	----	--------------	------------	----------

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: EC NO: 698195 DRWN: MIKEDA01 2022/02/28 CHK'D: SAKIYAMA 2022/03/08 APPR: AIDA 2022/03/08 INITIAL REVISION: DRWN: AISHIKAWA 2019/04/02 APPR: KOMURAKAMI 2019/04/05			molex PICO-CLASP 1.0 W/B SINGLE ROW RA SMT INNER LOCK GOLD PLATING 0.38 MICRO-METER							
mm		NTS								PRODUCT CUSTOMER DRAWING				
GENERAL TOLERANCES (UNLESS SPECIFIED)							DOCUMENT NUMBER							
ANGULAR TOL ± 3.0 °							2035580000-SD							
4 PLACES		± 0.2					THIRD ANGLE PROJECTION 			DOC TYPE		DOC PART		REVISION
3 PLACES		± 0.2		PSD		000				C				
2 PLACES		± 0.2		SERIES		MATERIAL NUMBER				CUSTOMER		SHEET NUMBER		
1 PLACE		± 0.2												
0 PLACES		± 0.2		DRAWING		A3-SIZE		203558		SEE SHEET 6		5 OF 6		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														

