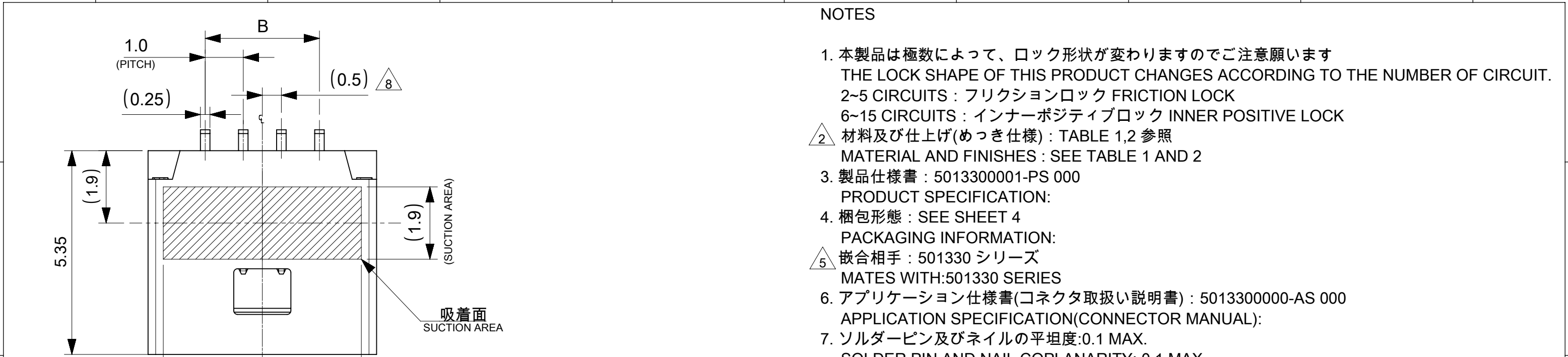




- NOTES
1. 本製品は極数によって、ロック形状が変わりますのでご注意願います
THE LOCK SHAPE OF THIS PRODUCT CHANGES ACCORDING TO THE NUMBER OF CIRCUIT.
2~5 CIRCUITS : フリクションロック FRICTION LOCK
6~15 CIRCUITS : インナーポジティブロック INNER POSITIVE LOCK

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 : 5013300001-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.

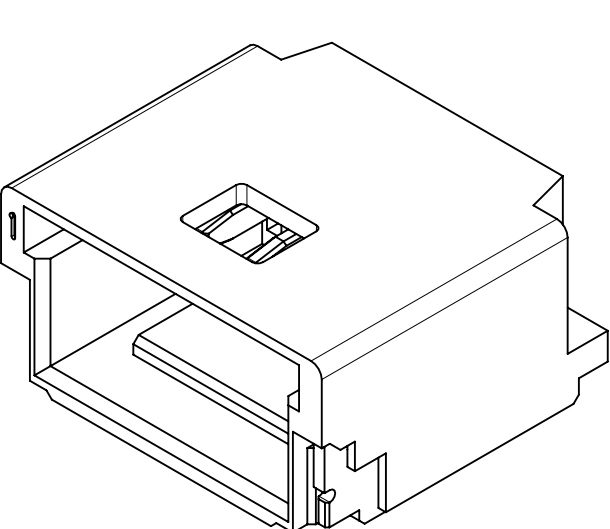
8. 偶数極に適用
APPLY FOR EVEN CIRCUIT

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

PLATING	PLATING THICKNESS [micro-meter MIN.]	SERIES No.	DRAWING No.
TIN	1.0	501568	5015680000-SD PSD 000
GOLD	0.1	202396	2023960000-SD PSD 000
	0.38	203558	2035580000-SD PSD 000

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 : 0.76 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		
DOCUMENT STATUS		P1	RELEASE DATE	2024/09/27	10:55:26	



6.2	4.0	7.0	5
5.2	3.0	6.0	4
4.2	2.0	5.0	3
3.2	1.0	4.0	2
C	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
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: 794263
DRWN: MIKEDA01
CHK'D: SAKIYAMA
APPR: AIDA

2023/06/28
2024/09/26
2024/09/27

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
0.76 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

2035590000-SD

PSD

000

D

SEE SHEET 6

1 OF 6

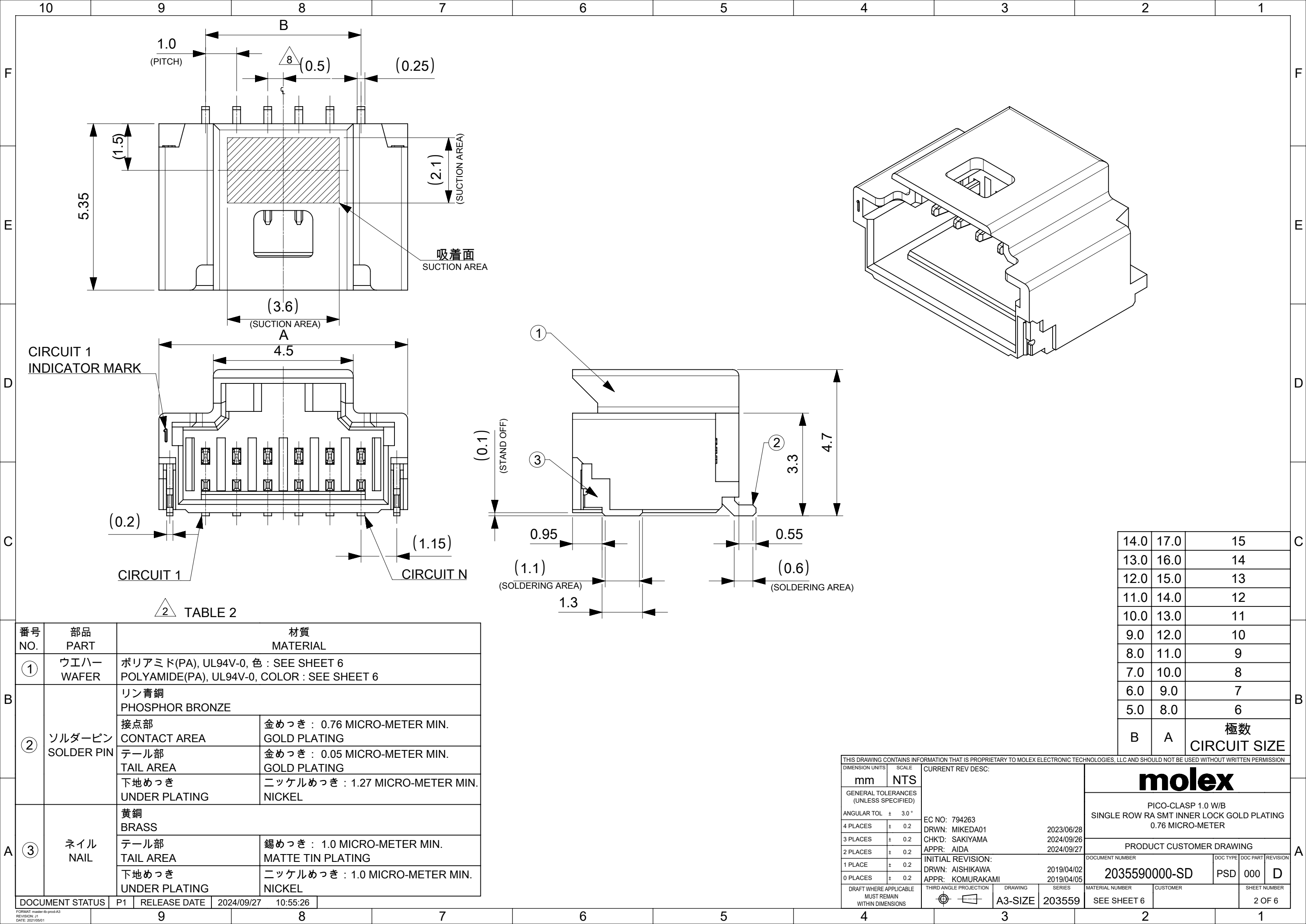
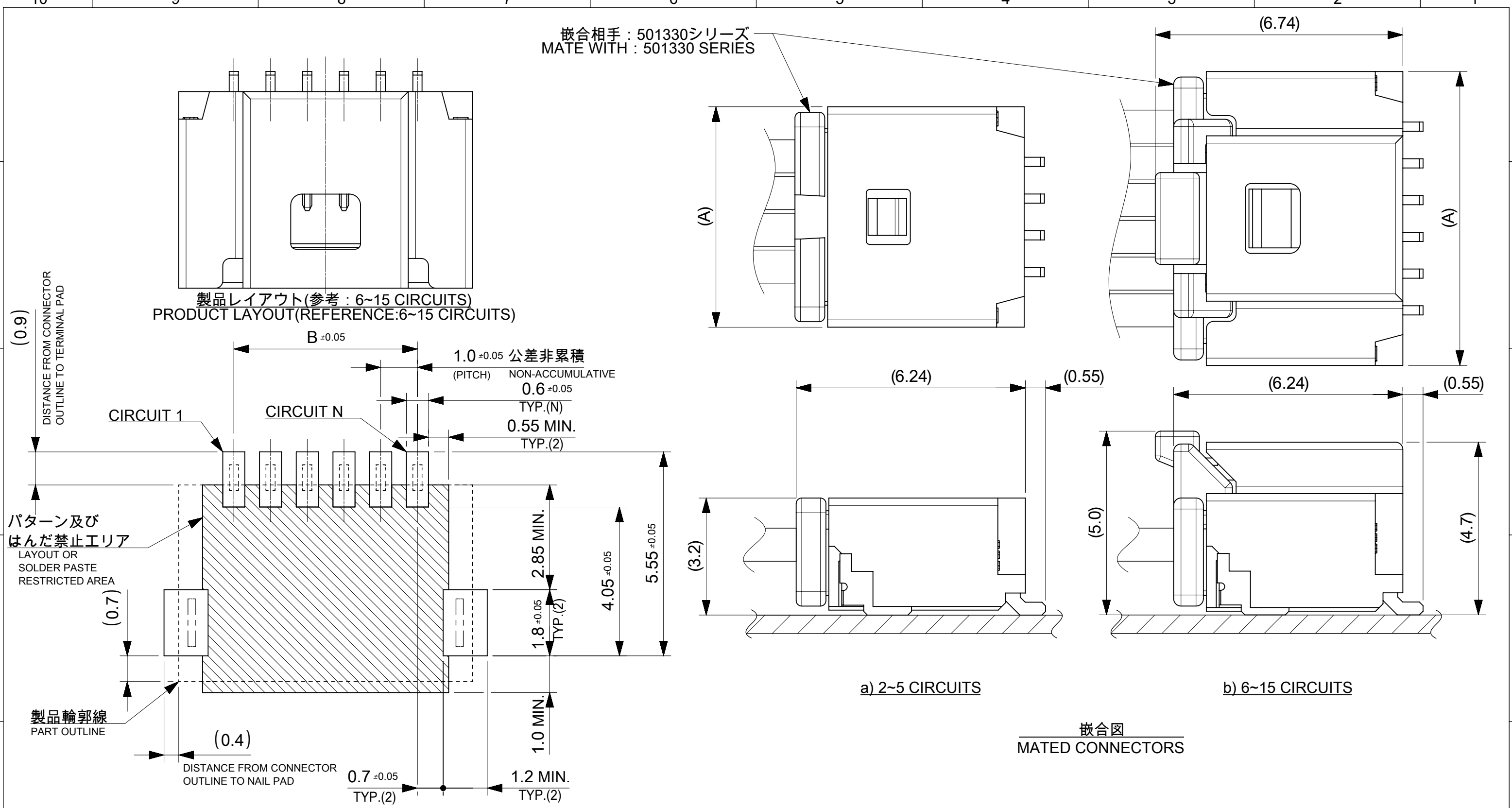


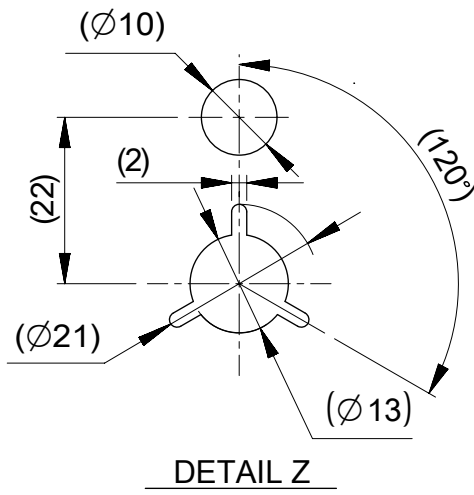
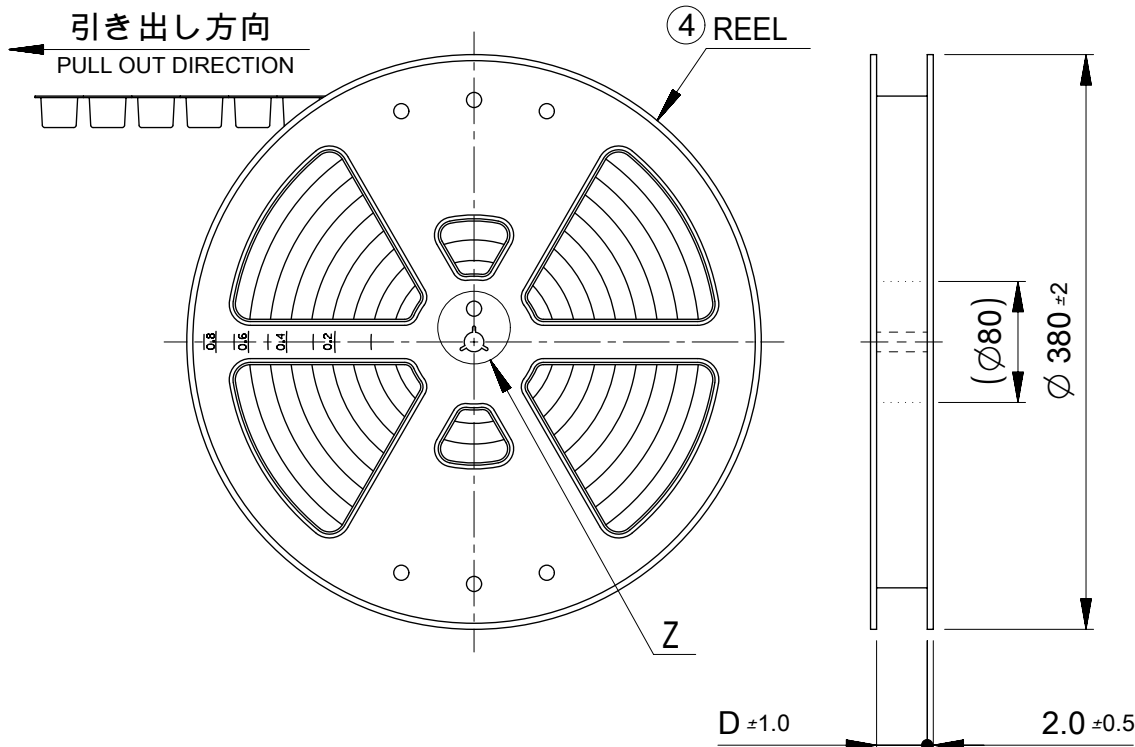
TABLE 2

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 : 0.76 MICRO-METER MIN. GOLD PLATING
		テール部 TAIL AREA	金めっき : 0.05 MICRO-METER MIN. GOLD PLATING
③	ネイル NAIL	下地めっき UNDER PLATING	ニッケルめっき : 1.27 MICRO-METER MIN. NICKEL
		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
DOCUMENT STATUS		P1	RELEASE DATE 2024/09/27 10:55:26

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 RA SMT INNER LOCK GOLD PLATING 0.76 MICRO-METER								
ANGULAR TOL ± 3.0 °												
4 PLACES ± 0.2				EC NO: 794263 DRWN: MIKEDA01 2023/06/28 CHK'D: SAKIYAMA 2024/09/26 APPR: AIDA 2024/09/27			PRODUCT CUSTOMER DRAWING					
3 PLACES ± 0.2												
2 PLACES ± 0.2												
1 PLACE ± 0.2				INITIAL REVISION: DRWN: AISHIKAWA 2019/04/02 APPR: KOMURAKAMI 2019/04/05			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES ± 0.2							2035590000-SD		PSD	000	D	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						A3-SIZE	203559	SEE SHEET 6				2 OF 6





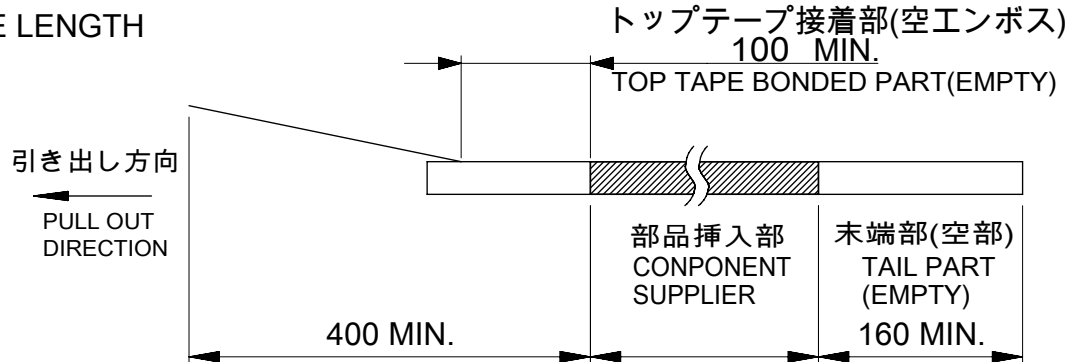
NOTES

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 : 2035599200 PS 200

PACKAGE SPECIFICATION:

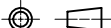
△15

発注番号 : SHEET 6 参照

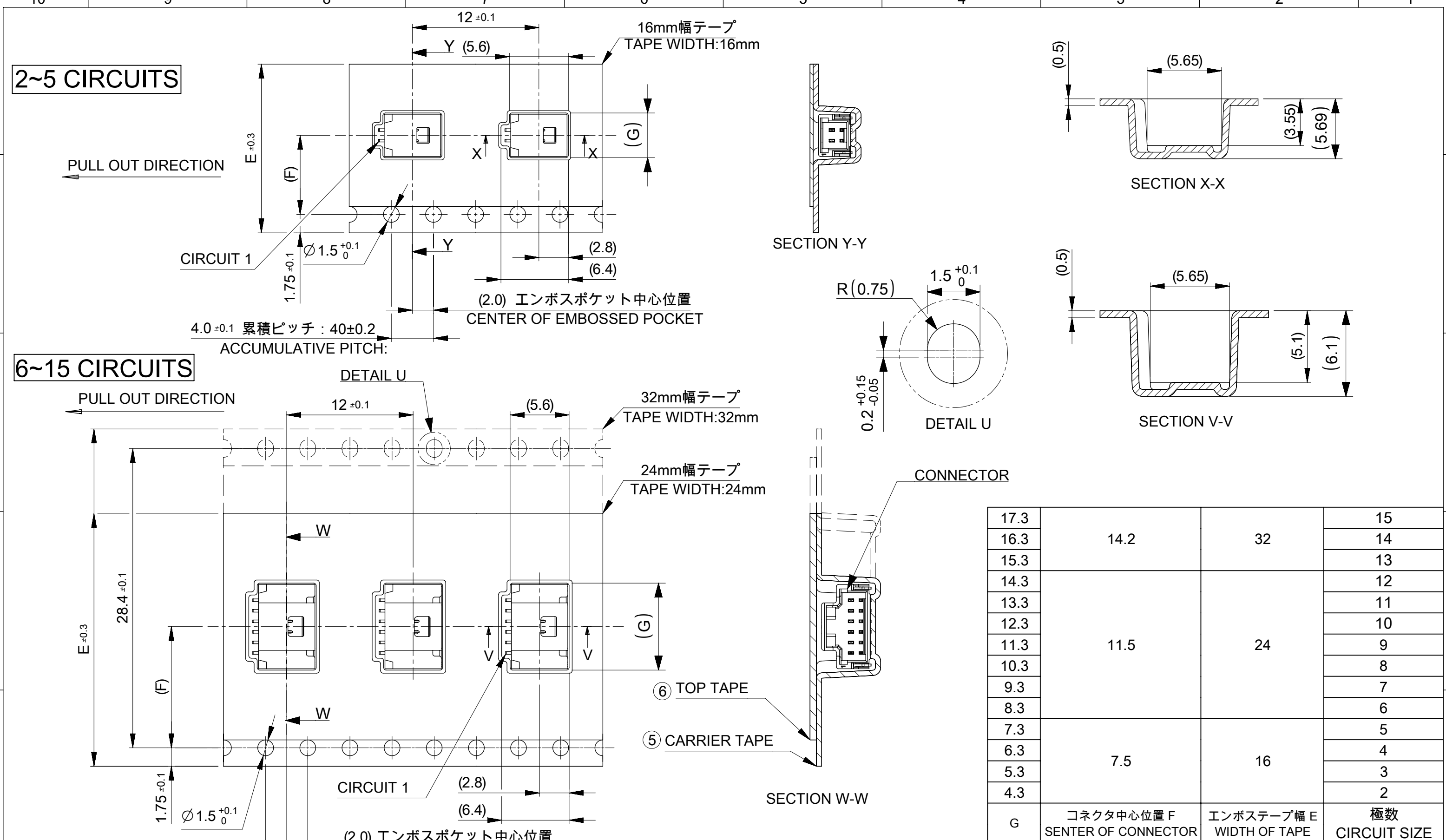
ORDER No. : PLEASE REFER TO SHEET 6 FOR PRODUCT LIST.

203559 - ** * *

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

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 SINGLE ROW RA SMT INNER LOCK GOLD PLATING 0.76 MICRO-METER					
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0 °											
4 PLACES		±	0.2	EC NO: 794263		PRODUCT CUSTOMER DRAWING					
3 PLACES		±	0.2	DRWN: MIKEDA01 2023/06/28							
2 PLACES		±	0.2	CHK'D: SAKIYAMA 2024/09/26							
1 PLACE		±	0.2	APPR: AIDA 2024/09/27		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES		±	0.2	INITIAL REVISION:		2035590000-SD		PSD	000	D	
				DRWN: AISHIKAWA 2019/04/02							
				APPR: KOMURAKAMI 2019/04/05							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				A3-SIZE		203559		SEE SHEET 6		4 OF 6	

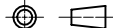
番号 NO.	部品 PART	材質 MATERIAL
④	リール REEL	ポリスチレン(PS) <リサイクル材を含む> POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>
DOCUMENT STATUS		
P1	RELEASE DATE	2024/09/27 10:55:26



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	2024/09/27	10:55:26
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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 SINGLE ROW RA SMT INNER LOCK GOLD PLATING 0.76 MICRO-METER				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		±		3.0 °		PRODUCT CUSTOMER DRAWING					
4 PLACES		±		0.2							
3 PLACES		±		0.2		DOCUMENT NUMBER					
2 PLACES		±		0.2							
1 PLACE		±		0.2		2035590000-SD			DOC TYPE		
0 PLACES		±		0.2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		203559		SEE SHEET 6	
										SHEET NUMBER	
										5 OF 6	

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 794263

DRWN: MIKEDA01

CHK'D: SAKIYAMA

APPR: AIDA

INITIAL REVISION:

DRWN: AISHIKAWA

APPR: KOMURAKAMI

2023/06/28

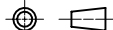
2024/09/26

2024/09/27

2019/04/02

2019/04/05

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

203559

molex

PICO-CLASP 1.0 W/B

SINGLE ROW RA SMT INNER LOCK GOLD PLATING

0.76 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

2035590000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

D

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEET 6

6 OF 6