

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 : 2023960000 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.

1.0
(PITCH)

(0.25)

(0.5)

△₈

5.35

(1.9)

(1.9)

(SUCTION AREA)

吸着面
SUCTION AREA

(C)

(SUCTION AREA)

CIRCUIT 1
INDICATOR MARK

A

(0.2)

(1.15)

CIRCUIT 1

CIRCUIT N

(0.14)
(STAND OFF)

0.95

1.3

0.55

(1.1)

(0.6)

(SOLDERING AREA)

(SOLDERING AREA)

3.2

PLATING	PLATING THICKNESS [micro-meter MIN.]	SERIES No.	DRAWING No.
TIN	1.0	501568	5015680000-SD PSD 000
GOLD	0.38	203558	2035580000-SD PSD 000
	0.76	203559	2035590000-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 : 0.1 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
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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

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: REVISED

EC NO: 692610

DRWN: MIKEDA01 2021/12/24

CHK'D: SAKIYAMA 2022/01/21

APPR: AIDA 2022/01/21

INITIAL REVISION:

DRWN: AISHIKAWA 2019/04/02

APPR: KOMURAKAMI 2019/04/05

THIRD ANGLE PROJECTION

DRAWING A3-SIZE

SERIES 202396

DOCUMENT NUMBER 2023960000-SD

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
0.1 MICRO-METER

PRODUCT CUSTOMER DRAWING

2023960000-SD

PSD

000

B

10

9

8

7

6

5

4

3

2

1

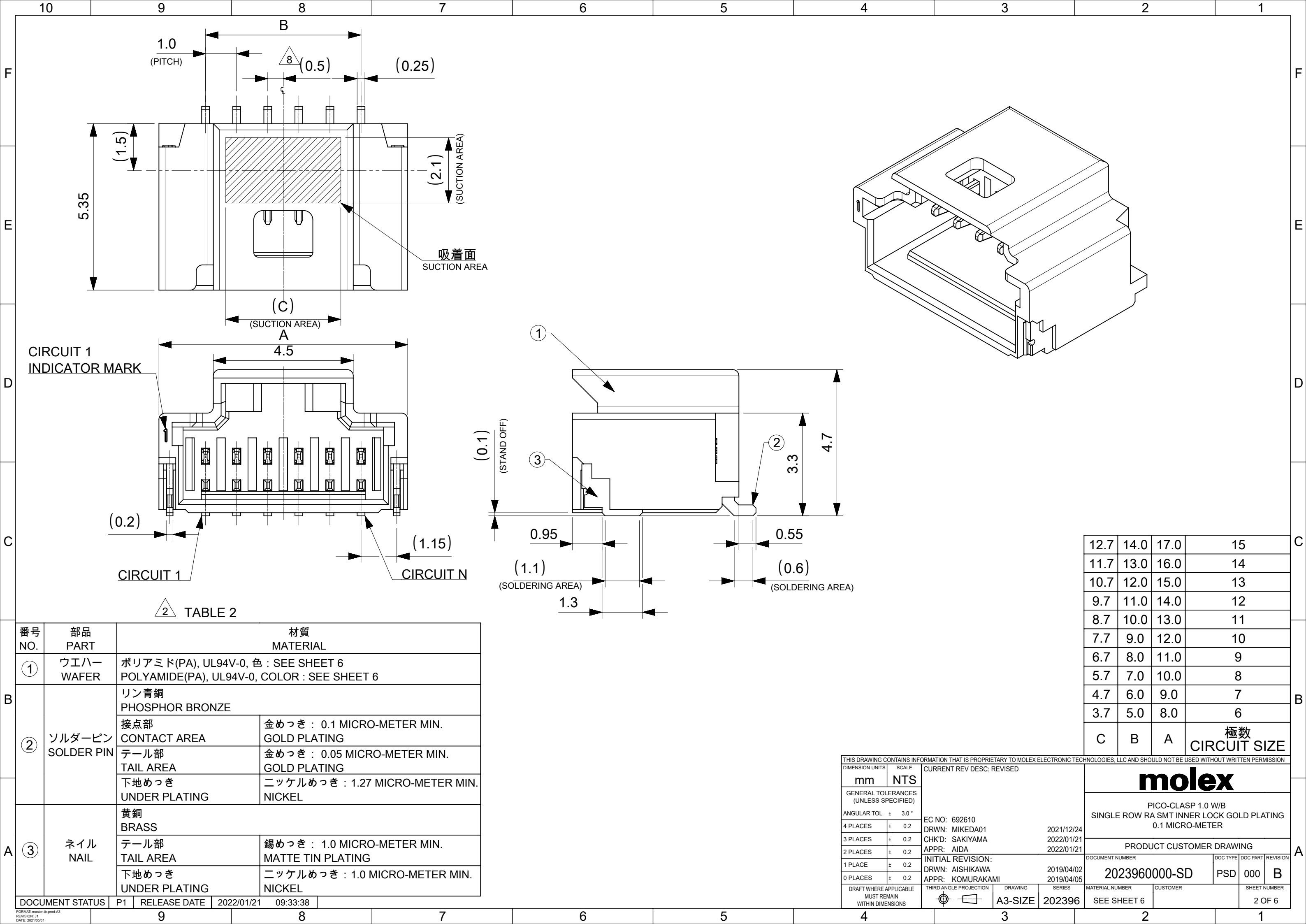
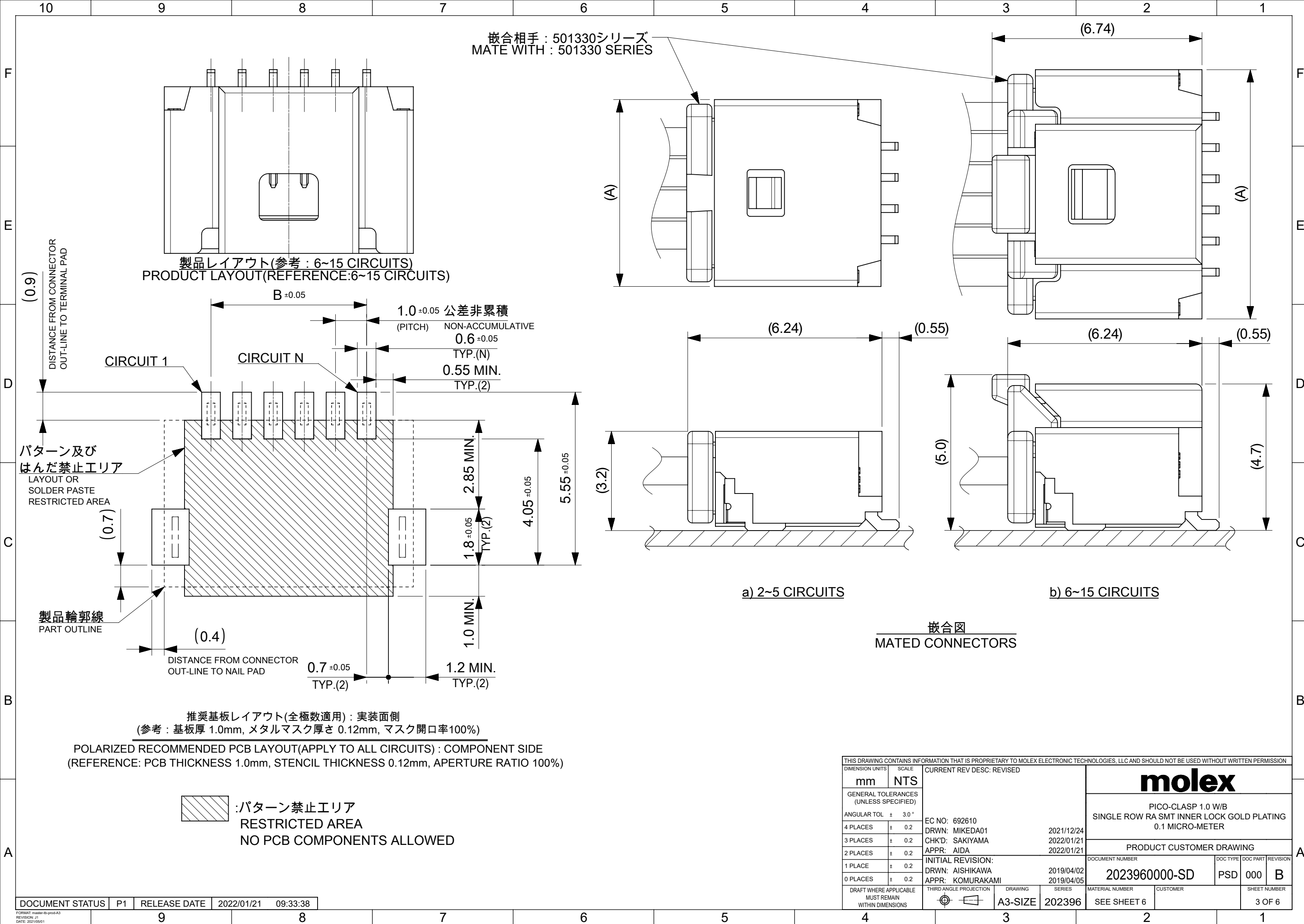


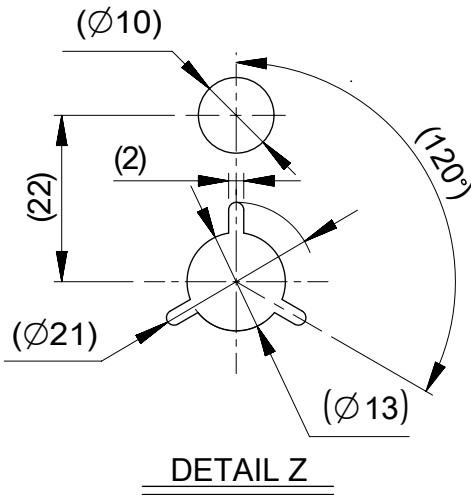
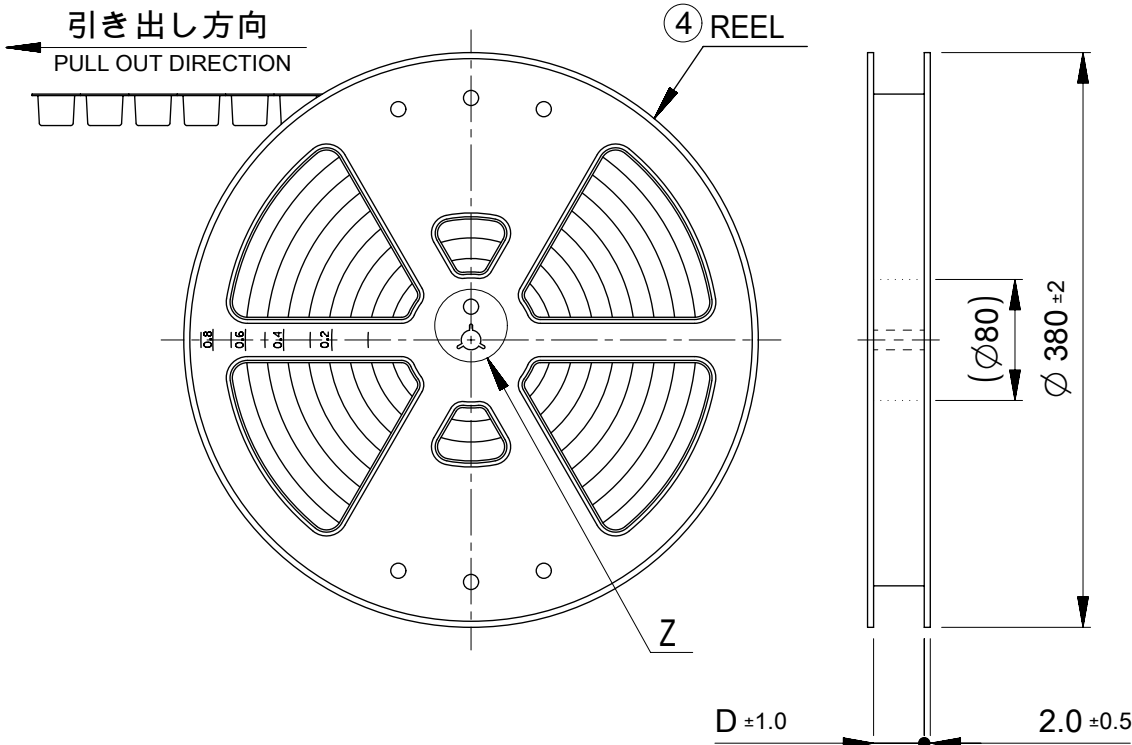
TABLE 2

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 : 0.1 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

12.7	14.0	17.0	15
11.7	13.0	16.0	14
10.7	12.0	15.0	13
9.7	11.0	14.0	12
8.7	10.0	13.0	11
7.7	9.0	12.0	10
6.7	8.0	11.0	9
5.7	7.0	10.0	8
4.7	6.0	9.0	7
3.7	5.0	8.0	6
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		CURRENT REV DESC: REVISED		molex			
DIMENSION UNITS mm		SCALE NTS		PICO-CLASP 1.0 W/B SINGLE ROW RA SMT INNER LOCK GOLD PLATING 0.1 MICRO-METER			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °		PRODUCT CUSTOMER DRAWING			
4 PLACES ± 0.2		3 PLACES ± 0.2		DOCUMENT NUMBER			
3 PLACES ± 0.2		2 PLACES ± 0.2		2023960000-SD			
2 PLACES ± 0.2		1 PLACE ± 0.2		PSD 000 B			
1 PLACE ± 0.2		0 PLACES ± 0.2		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		2 OF 6			
A3-SIZE		202396		SEE SHEET 6			

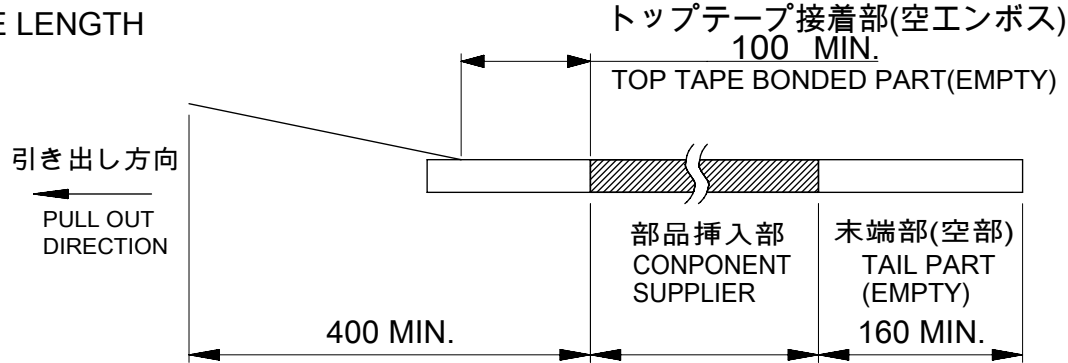




NOTES

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. 乾燥剤入り、ハイバリア梱包による納品となります。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESOCCANT.
14. 梱包仕様書 : 2023969200 PS 200
PACKAGE SPECIFICATION:
15. 発注番号 : SHEET 6 参照
ORDER No. : PLEASE REFER TO SHEET 6 FOR PRODUCT LIST.

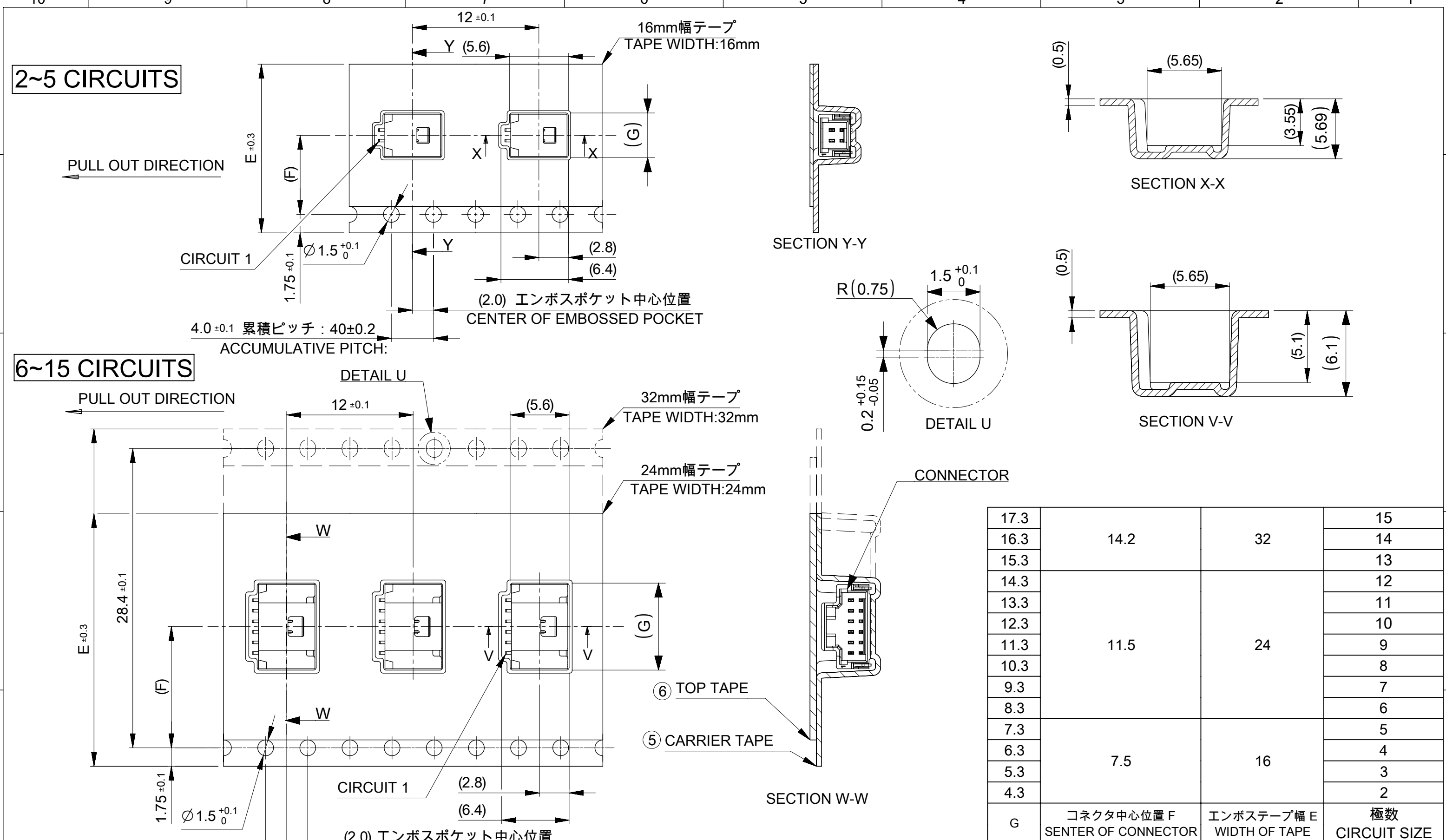
202396 - ** ** *

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
	7
	6
17.5	5
	4
	3
	2
D	極数 CIRCUIT SIZE

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>
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DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISED			molex				
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 692610			PICO-CLASP 1.0 W/B				
4 PLACES	± 0.2	DRWN: MIKEDA01 2021/12/24			SINGLE ROW RA SMT INNER LOCK GOLD PLATING				
3 PLACES	± 0.2	CHK'D: SAKIYAMA 2022/01/21			0.1 MICRO-METER				
2 PLACES	± 0.2	APPR: AIDA 2022/01/21			PRODUCT CUSTOMER DRAWING				
1 PLACE	± 0.2	INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	± 0.2	DRWN: AISHIKAWA 2019/04/02			2023960000-SD		PSD	000	B
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
			A3-SIZE	202396	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
8.3	7.5	16	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

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DIMENSION UNITS mm		SCALE NTS		PICO-CLASP 1.0 W/B SINGLE ROW RA SMT INNER LOCK GOLD PLATING 0.1 MICRO-METER			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °		PRODUCT CUSTOMER DRAWING			
4 PLACES ± 0.2		3 PLACES ± 0.2		INITIAL REVISION:		DOCUMENT NUMBER	
3 PLACES ± 0.2		2 PLACES ± 0.2		DRWN: MIKEDA01		2023960000-SD	
2 PLACES ± 0.2		1 PLACE ± 0.2		CHK'D: SAKIYAMA		PSD	
1 PLACE ± 0.2		0 PLACES ± 0.2		APPR: AIDA		000	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		REVISION	
				A3-SIZE		B	
				SERIES		SHEET NUMBER	
				202396		5 OF 6	
				MATERIAL NUMBER			
				SEE SHEET 6			
				CUSTOMER			

