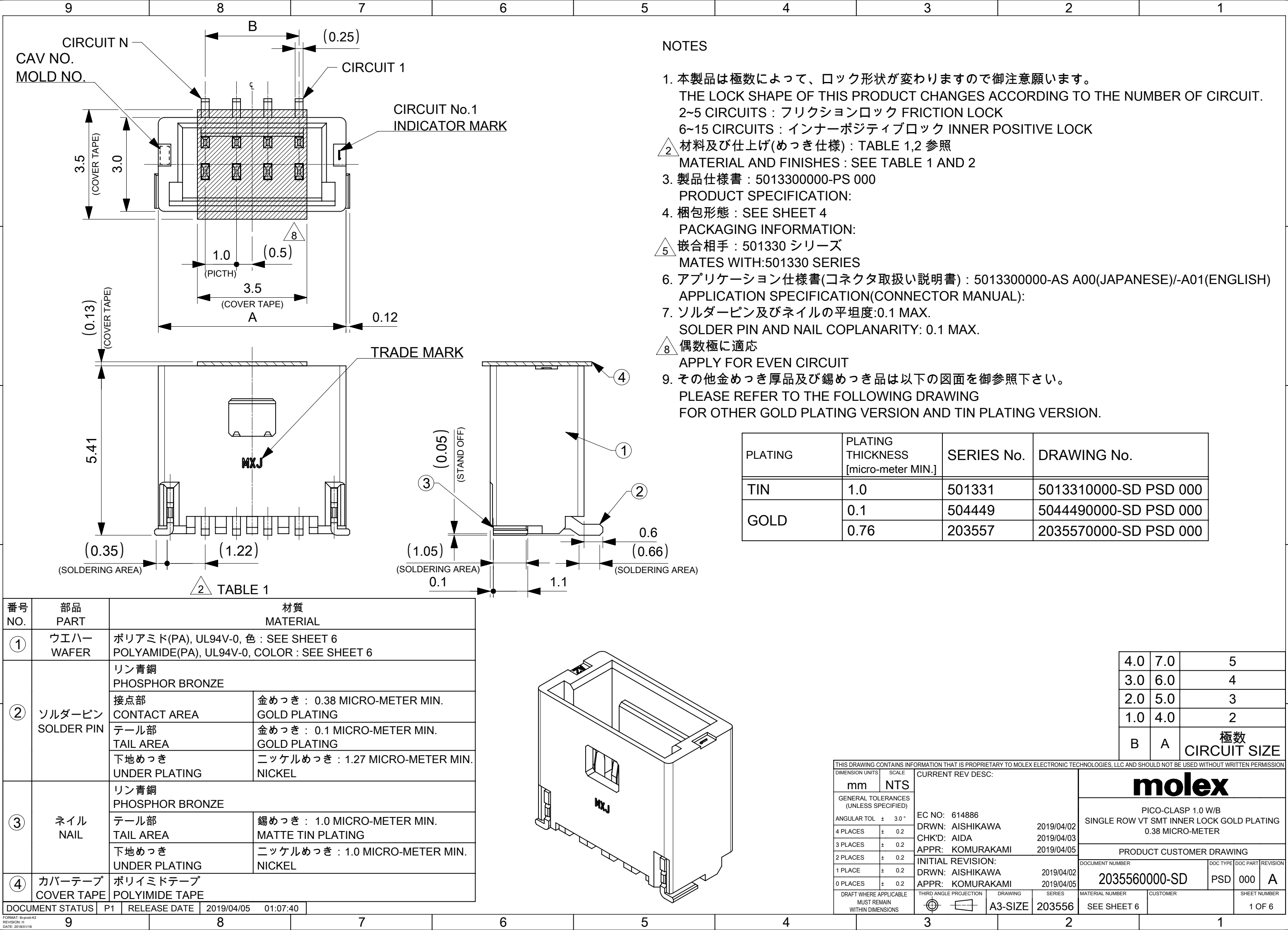




NOTES

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 A00(JAPANESE)/-A01(ENGLISH)
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下さい。
PLEASE REFER TO THE FOLLOWING DRAWING
FOR OTHER GOLD PLATING VERSION AND TIN PLATING VERSION.

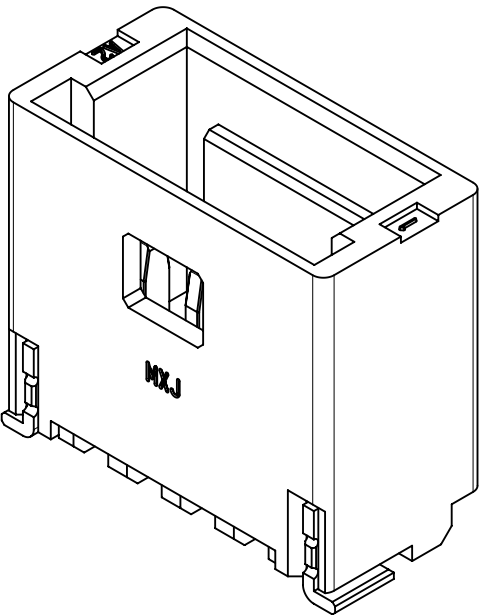
PLATING	PLATING THICKNESS [micro-meter MIN.]	SERIES No.	DRAWING No.
TIN	1.0	501331	5013310000-SD PSD 000
GOLD	0.1	504449	5044490000-SD PSD 000
	0.76	203557	2035570000-SD PSD 000

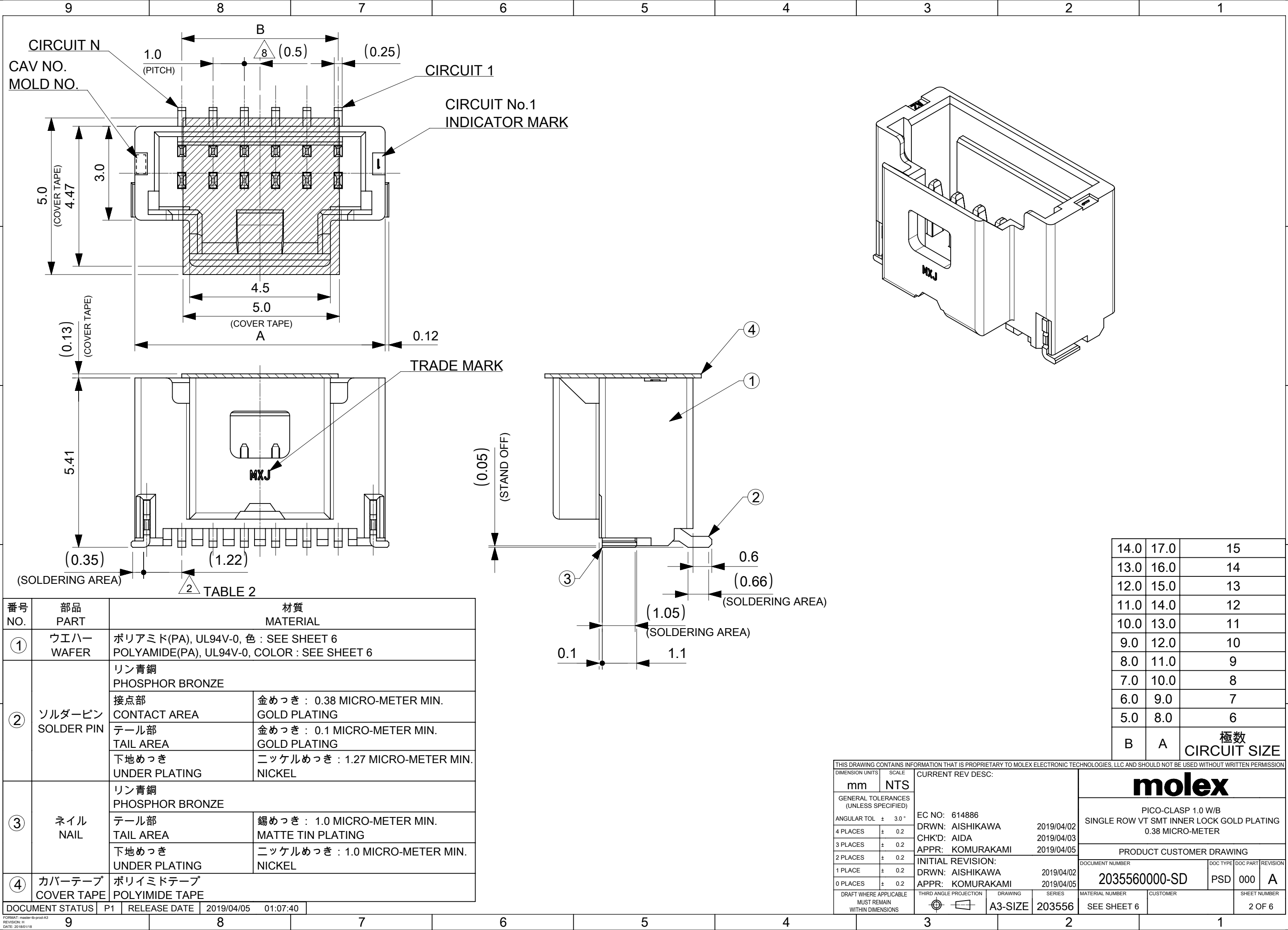
番号 NO.	部品 PART	材質 MATERIAL	
①	ウエハー WAFER	ポリアミド(PA), UL94V-0, 色 : SEE SHEET 6 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 6	
②	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE	
		接点部 CONTACT AREA	金めっき : 0.38 MICRO-METER MIN. GOLD PLATING
		テール部 TAIL AREA	金めっき : 0.1 MICRO-METER MIN. GOLD PLATING
		下地めっき UNDER PLATING	ニッケルめっき : 1.27 MICRO-METER MIN. NICKEL
③	ネイル NAIL	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	

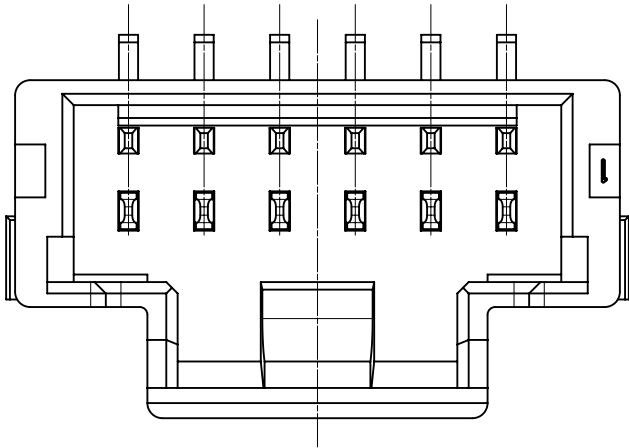
DOCUMENT STATUS	P1	RELEASE DATE	2019/04/05	01:07:40
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4.0	7.0	5
3.0	6.0	4
2.0	5.0	3
1.0	4.0	2
B	A	極数 CIRCUIT SIZE

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)		EC NO: 614886			PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER LOCK GOLD PLATING 0.38 MICRO-METER						
ANGULAR TOL ± 3.0 °		DRWN: AISHIKAWA 2019/04/02									
4 PLACES ± 0.2		CHK'D: AIDA 2019/04/03			PRODUCT CUSTOMER DRAWING						
3 PLACES ± 0.2		APPR: KOMURAKAMI 2019/04/05									
2 PLACES ± 0.2		INITIAL REVISION:			DOCUMENT NUMBER 2035560000-SD						
1 PLACE ± 0.2		DRWN: AISHIKAWA 2019/04/02								DOC TYPE PSD	
0 PLACES ± 0.2		APPR: KOMURAKAMI 2019/04/05			SHEET NUMBER 1 OF 6						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE						SERIES 203556	

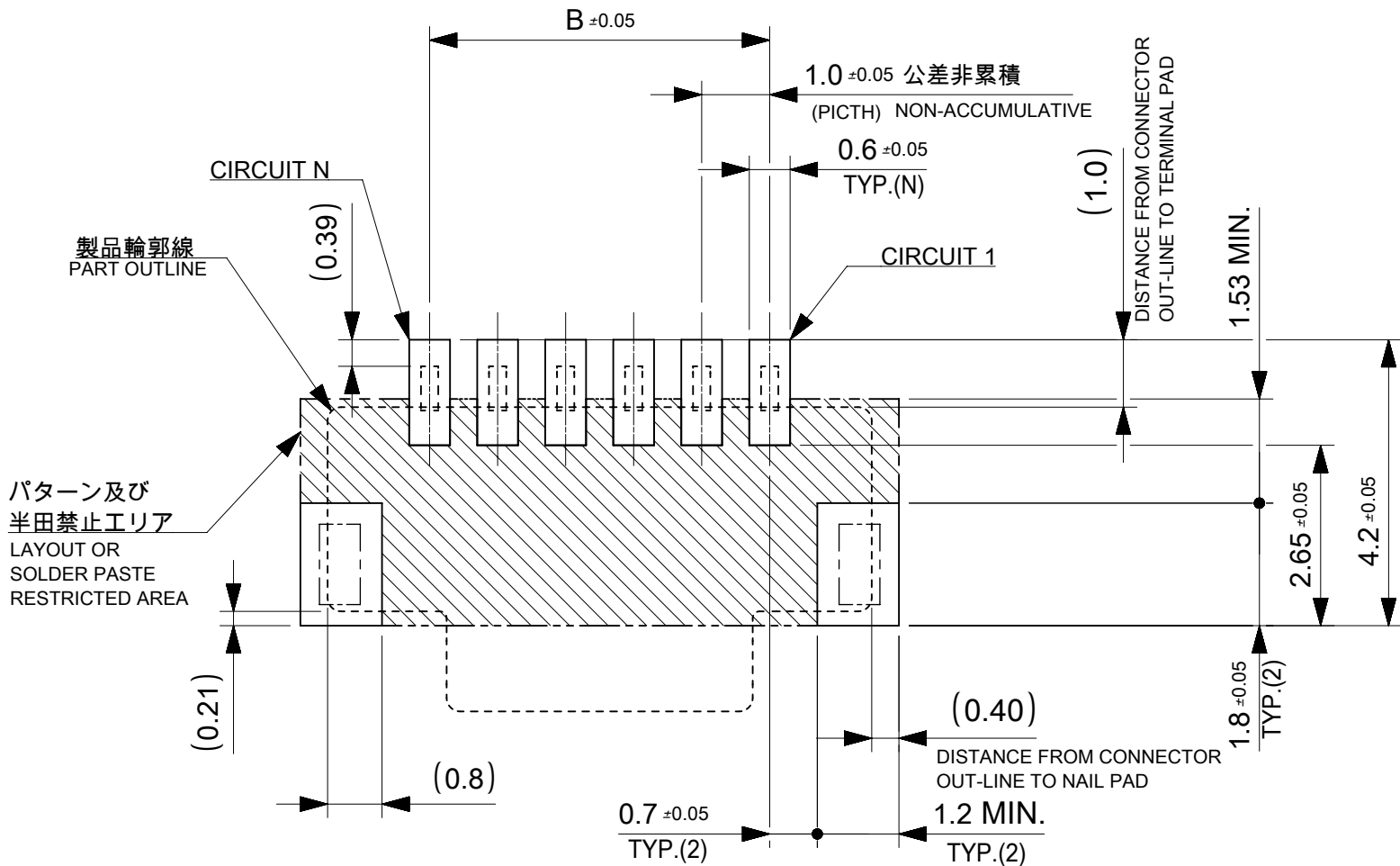






製品レイアウト(参考 : 6~15 CIRCUITS)
PRODUCT LAYOUT(REFERENCE: 6~15 CIRCUITS)

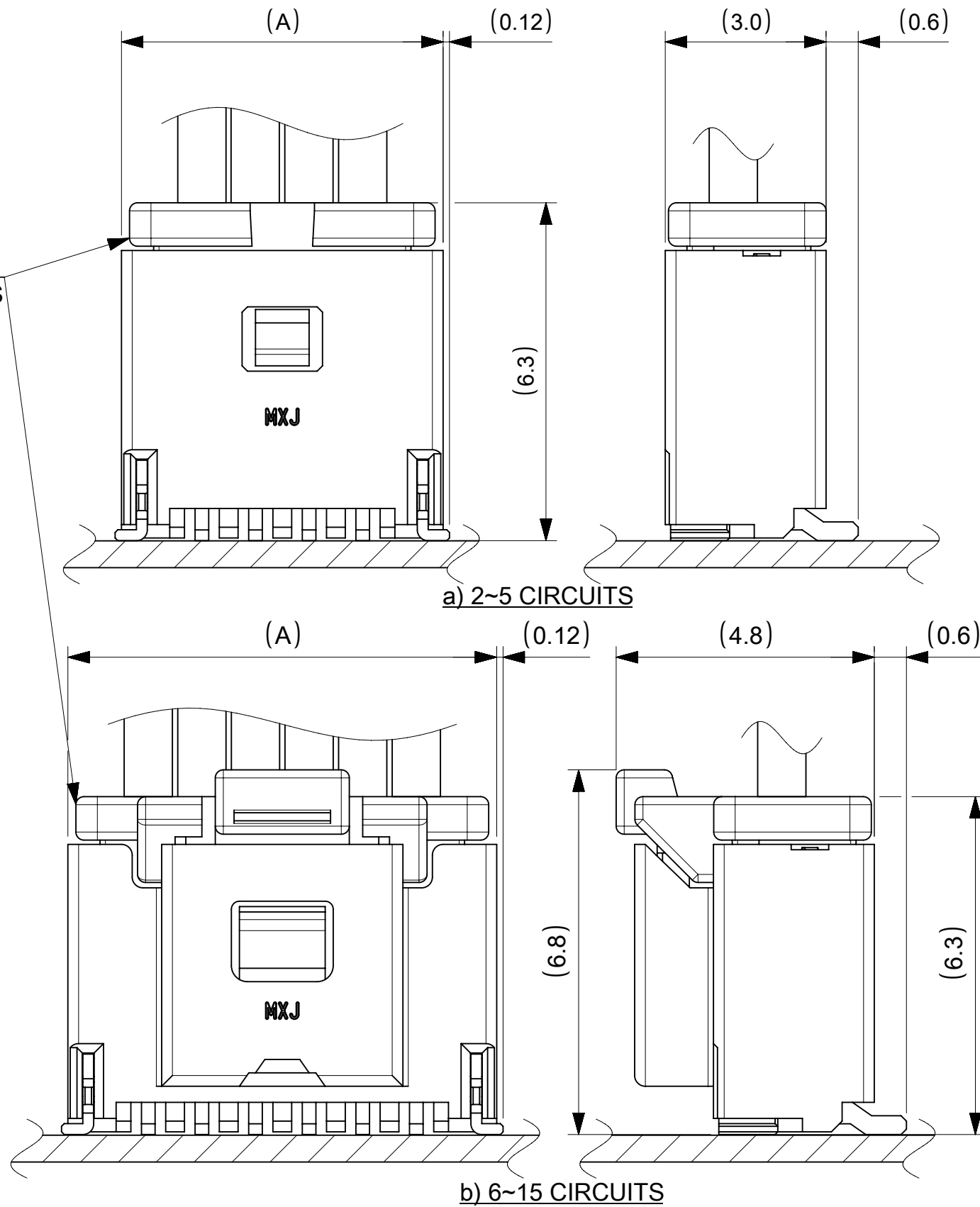
5 嵌合相手 : 501330 シリーズ
MATE WITH : 501330 SERIES



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%)

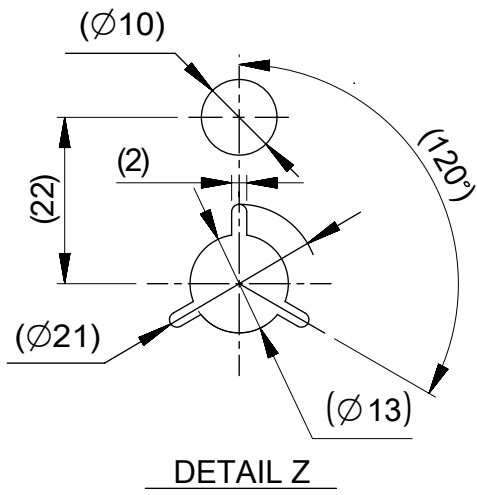
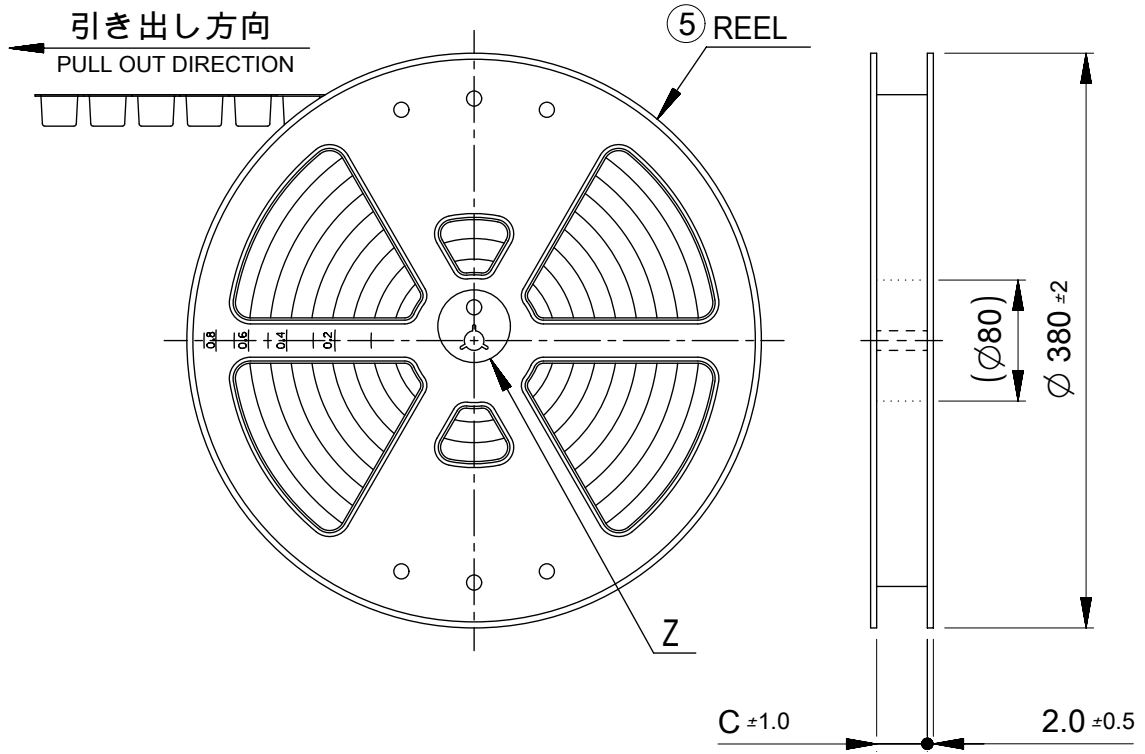
POLARIZED RECOMMENDED PCB LAYOUT(APPLY TO ALL CIRCUIT) : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)

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



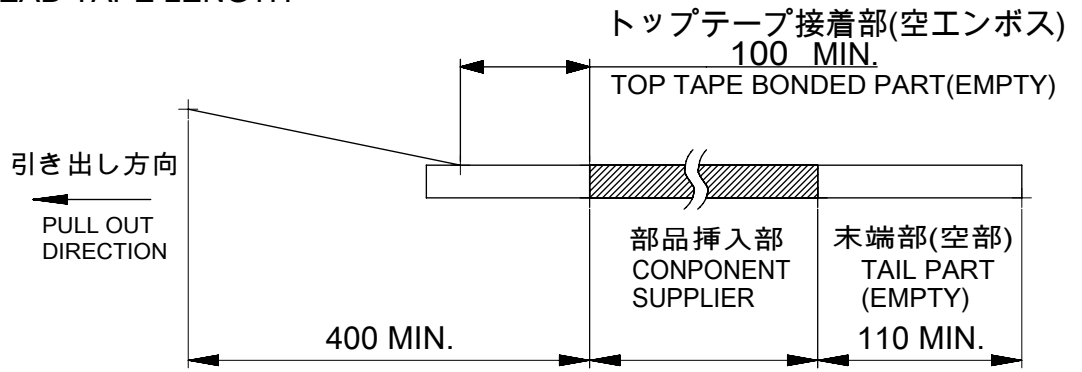
嵌合図
MATED CONNECTORS

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 GOLD PLATING 0.38 MICRO-METER											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2		EC NO: 614886		PRODUCT CUSTOMER DRAWING									
3 PLACES		± 0.2		DRWN: AISHIKAWA 2019/04/02											
2 PLACES		± 0.2		CHK'D: AIDA 2019/04/03											
1 PLACE		± 0.2		APPR: KOMURAKAMI 2019/04/05		DOCUMENT NUMBER 2035560000-SD									
0 PLACES		± 0.2		INITIAL REVISION:						DOC TYPE PSD		DOC PART 000		REVISION A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 203556		MATERIAL NUMBER SEE SHEET 6		CUSTOMER		SHEET NUMBER 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



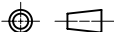
12. トップテープの剥離強度はIEC60286-3に準拠。
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.
13. 2~5極品は乾燥剤入り、ハイバリア梱包による納品となります。
2~5 CIRCUITS IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESOCCANT.
14. 梱包仕様書 : 2035569200 PS 200
PACKAGE SPECIFICATION:
15. 発注番号 : SHEET 6 参照
ORDER No. : PLEASE REFER TO SHEET 6 FOR PRODUCT LIST.

203556

** ** *

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

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 01:07:40

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 VT SMT INNER LOCK GOLD PLATING 0.38 MICRO-METER							
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 614886 DRWN: AISHIKAWA 2019/04/02 CHK'D: AIDA 2019/04/03 APPR: KOMURAKAMI 2019/04/05		PRODUCT CUSTOMER DRAWING							
ANGULAR TOL		± 3.0 °											
4 PLACES		± 0.2											
3 PLACES		± 0.2											
2 PLACES		± 0.2											
INITIAL REVISION:				DRWN: AISHIKAWA 2019/04/02 APPR: KOMURAKAMI 2019/04/05		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
1 PLACE		± 0.2				2035560000-SD		PSD	000	A			
0 PLACES		± 0.2											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
						A3-SIZE		203556		SEE SHEET 6		4 OF 6	

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

TOP TAPE

CONNECTOR

⑥ CARRIER TAPE

SECTION W-W

32mm幅テープ
TAPE WIDTH:32mm

24mm幅テープ
TAPE WIDTH:24mm

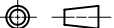
SECTION X-X

SECTION V-V

 $R(0.75)$

DETAIL U

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:					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 614886 DRWN: AISHIKAWA 2019/04/02 CHK'D: AIDA 2019/04/03 APPR: KOMURAKAMI 2019/04/05			PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER LOCK GOLD PLATING 0.38 MICRO-METER		
ANGULAR TOL		± 3.0°							
4 PLACES		± 0.2							
3 PLACES		± 0.2							
2 PLACES		± 0.2							
1 PLACE ± 0.2				INITIAL REVISION: DRWN: AISHIKAWA 2019/04/02 APPR: KOMURAKAMI 2019/04/05			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER DOC TYPE DOC PART REVISION 2035560000-SD PSD 000 A		
0 PLACES ± 0.2									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A3-SIZE	203556	SEE SHEET 6			5 OF 6

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 01:07:40

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

△13△15 製品一覧 PRODUCT LIST

HOUSING COLOR	
NATURAL(BEIGE)	
203556 1507	15
△14 1407	14
1307	13
1207	12
1107	11
1007	10
0907	9
0807	8
0707	7
0607	6
0507	5
0407	4
▽0307	3
203556 0207	2
発注番号 ORDER No.	
梱包形態：エンボスリール PACKAGE:EMBOSSSED REEL	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 GOLD PLATING 0.38 MICRO-METER												
ANGULAR TOL ± 3.0 °																			
4 PLACES		± 0.2					EC NO: 614886												
3 PLACES		± 0.2		DRWN: AISHIKAWA 2019/04/02															
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:			PRODUCT CUSTOMER DRAWING												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
								A3-SIZE		203556		2035560000-SD		PSD		000		A	
												SEE SHEET 6							
																SHEET NUMBER			
																6 OF 6			