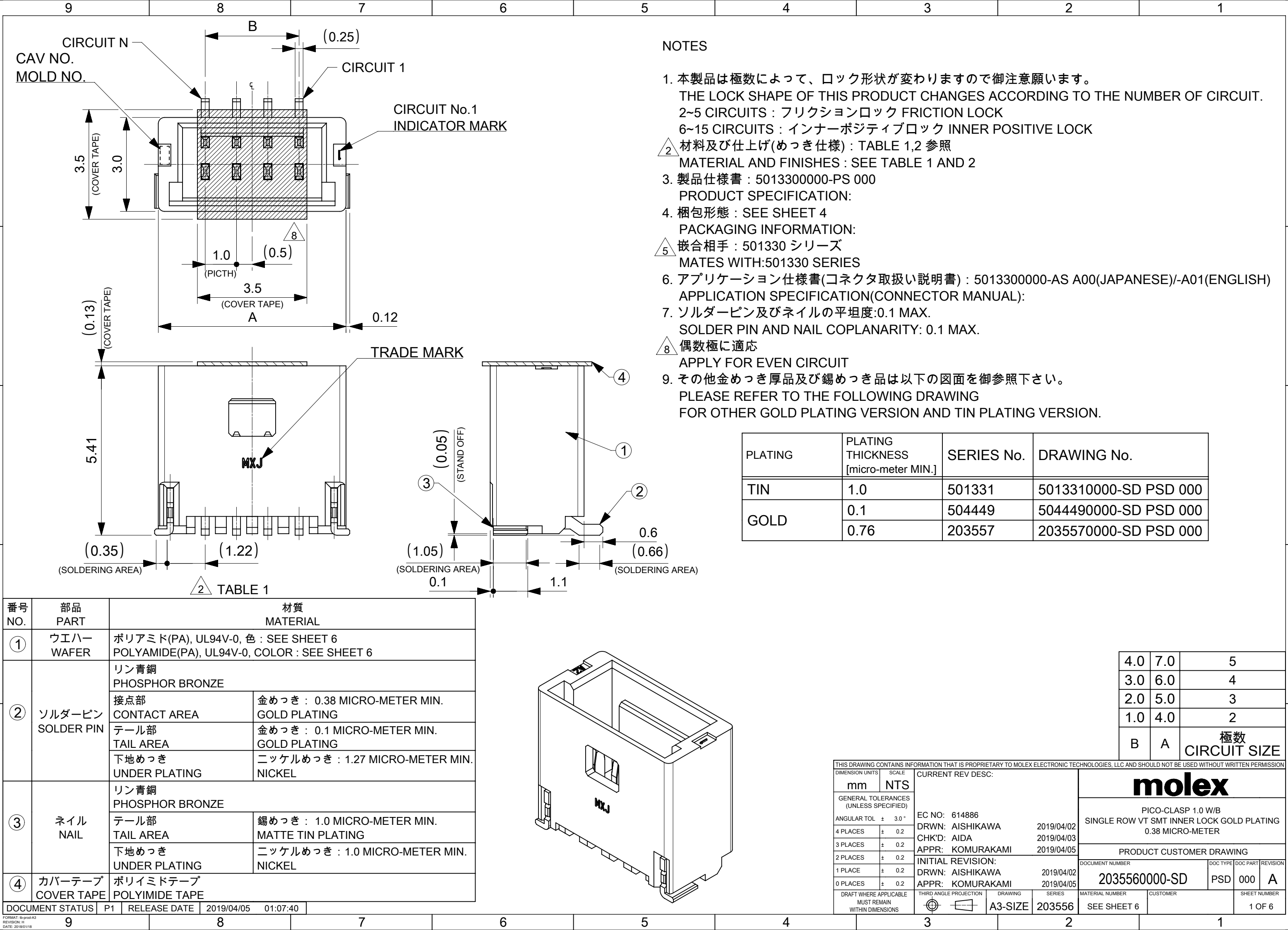




NOTES

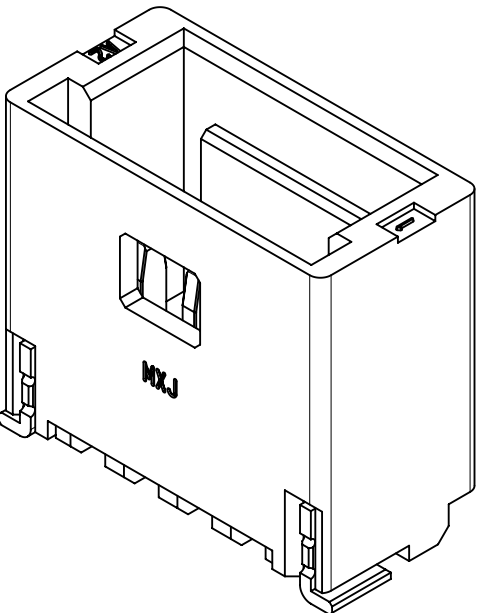
1. 本製品は極数によって、ロック形状が変わりますので御注意願います。
THE LOCK SHAPE OF THIS PRODUCT CHANGES ACCORDING TO THE NUMBER OF CIRCUIT.
2~5 CIRCUITS : フリクションロック FRICTION LOCK
6~15 CIRCUITS : インナーポジティブロック INNER POSITIVE LOCK
2. 材料及び仕上げ(めっき仕様) : TABLE 1,2 参照
MATERIAL AND FINISHES : SEE TABLE 1 AND 2
3. 製品仕様書 : 5013300000-PS 000
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. 偶数極に適応
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

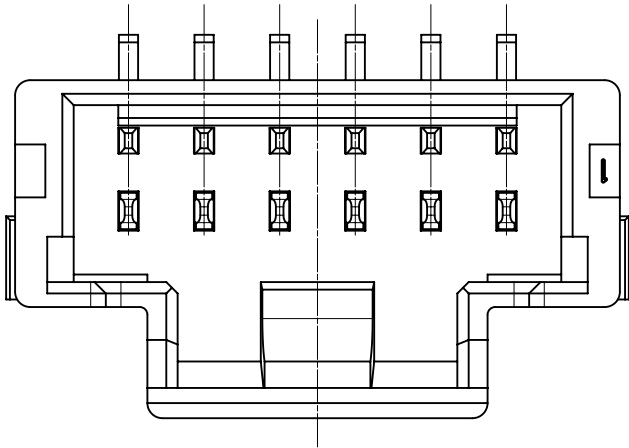
番号 NO.	部品 PART	材質 MATERIAL	
①	ウエハー WAFER	ポリアミド(PA), UL94V-0, 色 : SEE SHEET 6 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 6	
②	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE	
		接点部 CONTACT AREA	金めっき : 0.38 MICRO-METER MIN. GOLD PLATING
		テール部 TAIL AREA	金めっき : 0.1 MICRO-METER MIN. GOLD PLATING
		下地めっき UNDER PLATING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

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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

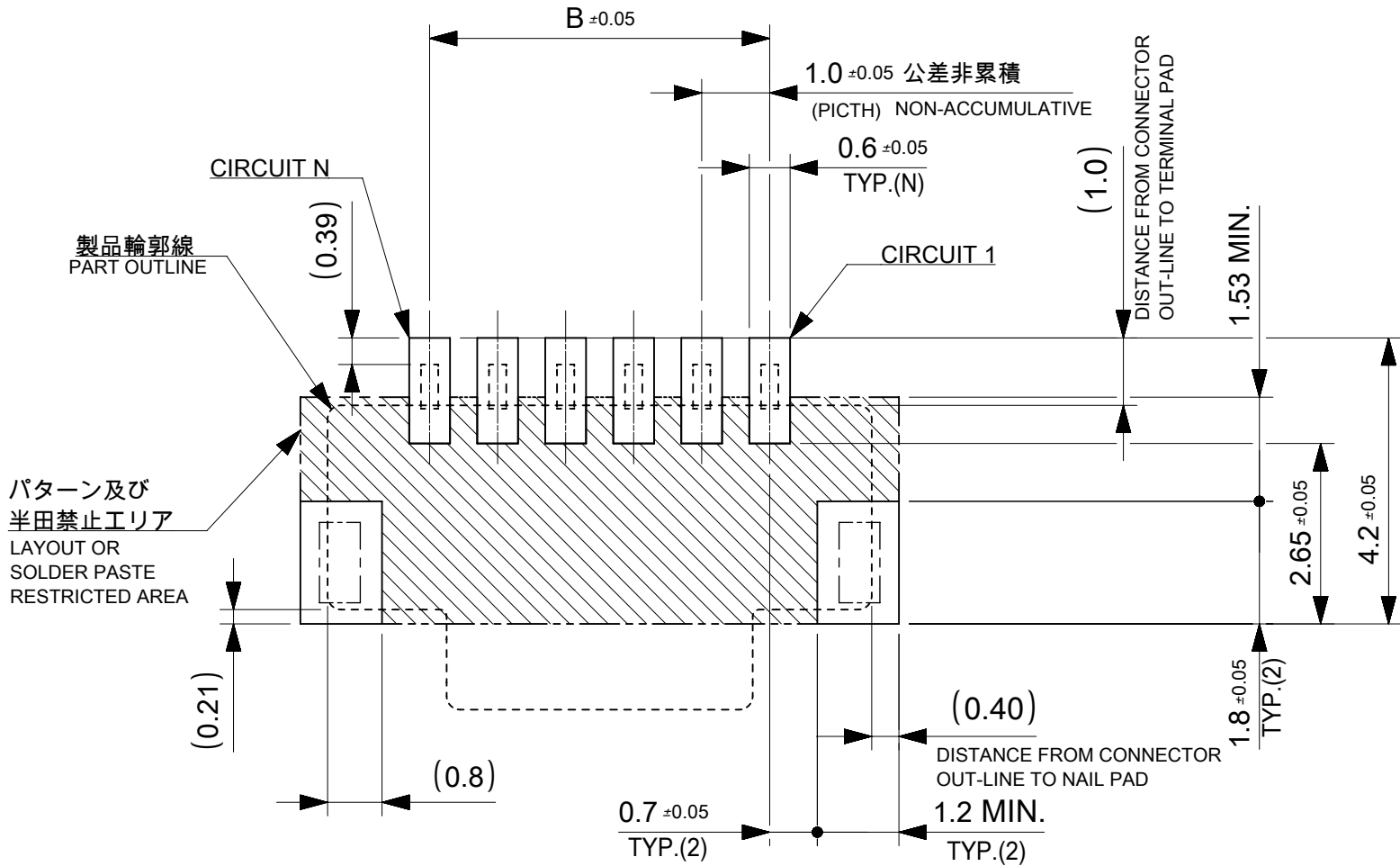


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-CLASP 1.0 W/B SINGLE ROW VT SMT INNER 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:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AISHIKAWA 2019/04/02			DOC TYPE PSD		
				APPR: KOMURAKAMI 2019/04/05			DOC PART 000		
				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		DOC REVISION A	
						SERIES 203556		SHEET NUMBER 1 OF 6	
				MATERIAL NUMBER SEE SHEET 6		CUSTOMER			



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

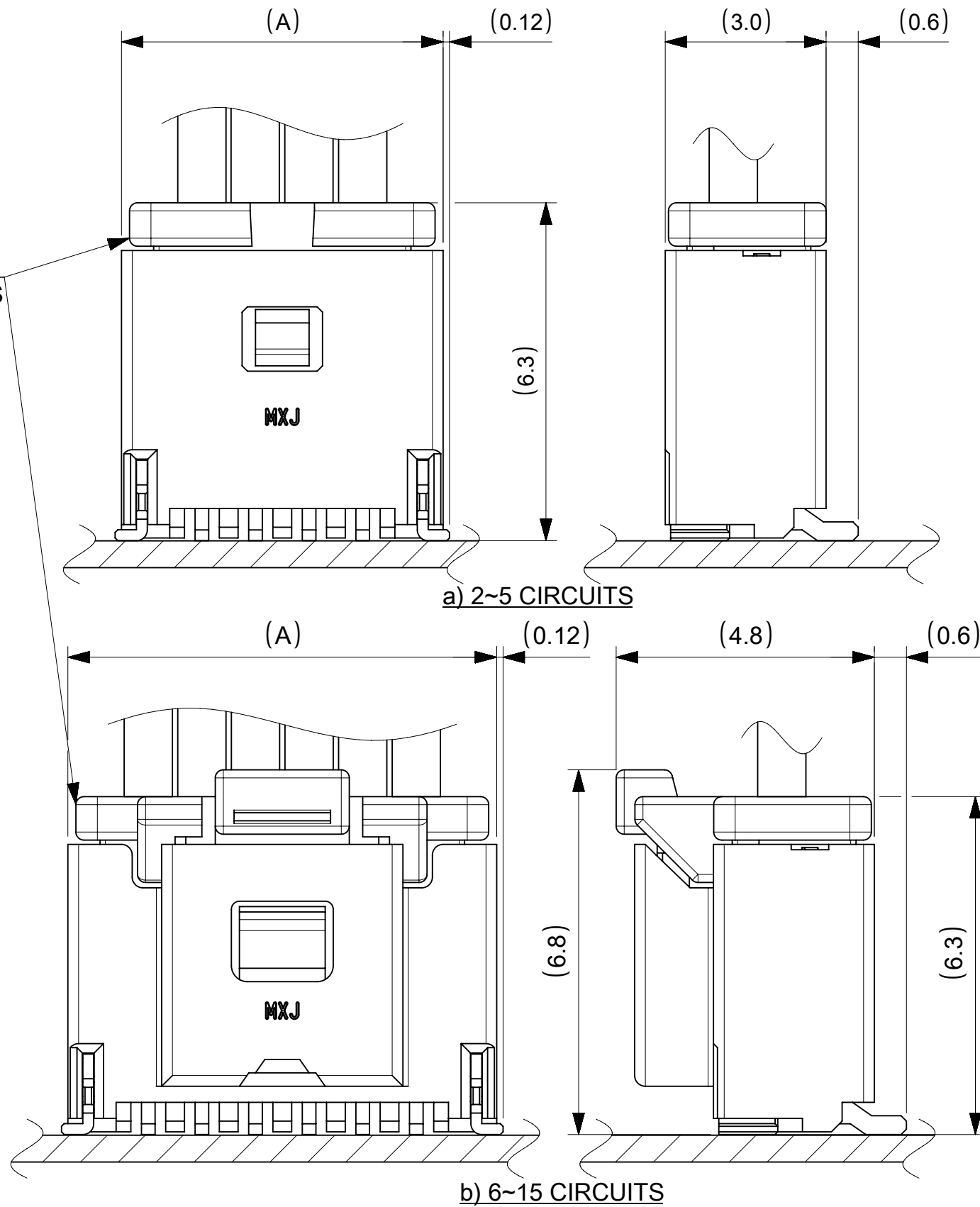
5 嵌合相手 : 501330 シリーズ
MATE WITH : 501330 SERIES



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%)

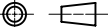
POLARIZED RECOMMENDED PCB LAYOUT(APPLY TO ALL CIRCUIT) : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)

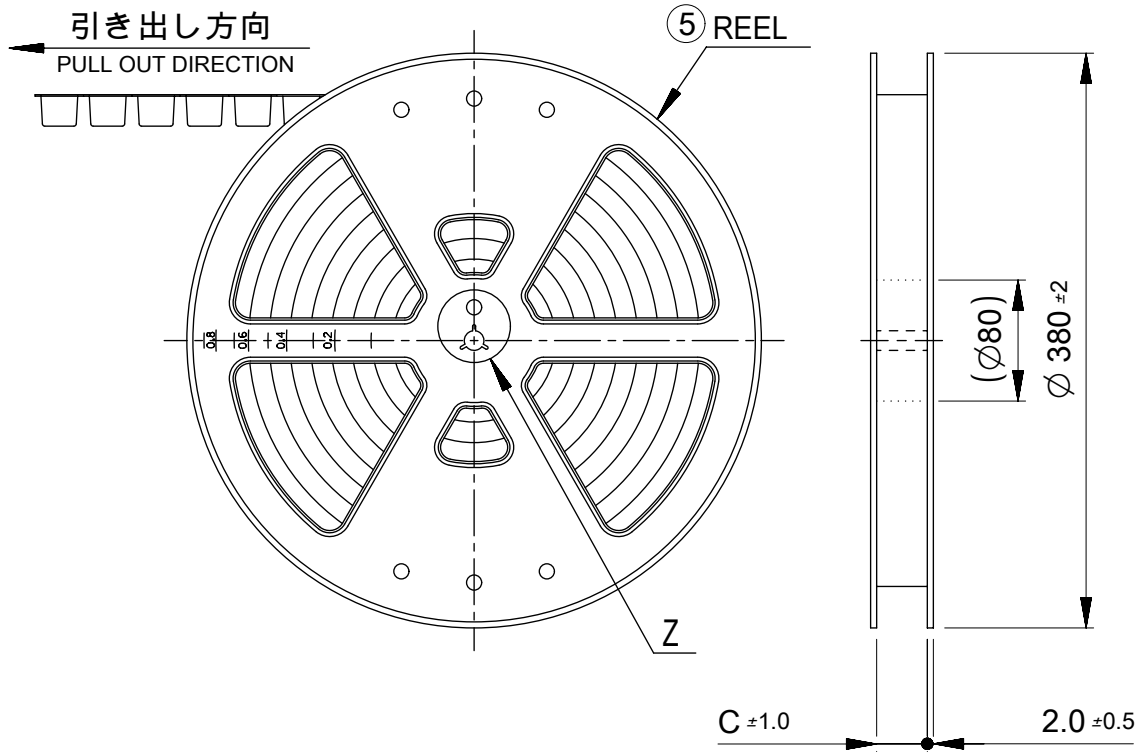
 :パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED



b) 6~15 CIRCUITS

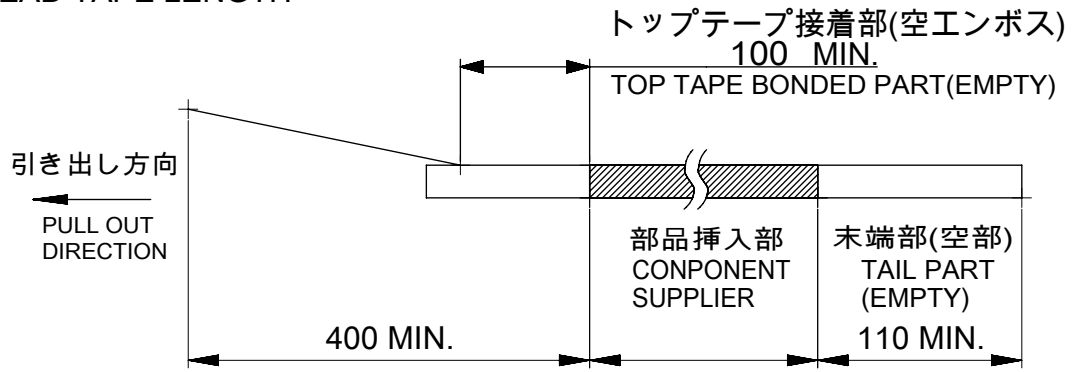
嵌合図
MATED CONNECTORS

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

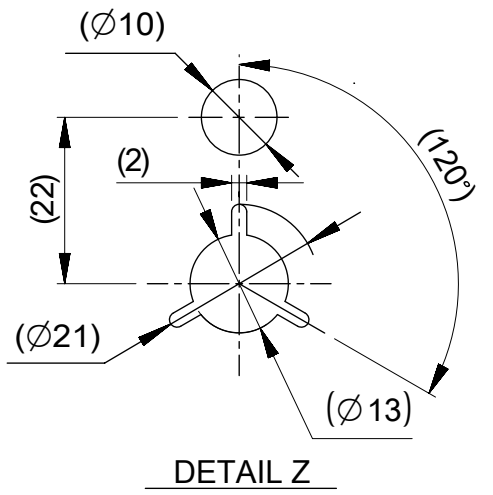


NOTES

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 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.



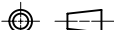
203556

** ** *

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>

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

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035560000-SD	PSD	000	A

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

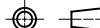
24mm幅テープ
TAPE WIDTH:24mm

SECTION X-X

SECTION V-V

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

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex				
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 INITIAL REVISION: DRWN: AISHIKAWA 2019/04/02 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°								PRODUCT CUSTOMER DRAWING				
4 PLACES ± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES ± 0.2								2035560000-SD		PSD	000	A
2 PLACES ± 0.2								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
1 PLACE ± 0.2		THIRD ANGLE PROJECTION 		DRAWING		SERIES		SEE SHEET 6		5 OF 6		
0 PLACES ± 0.2				A3-SIZE		203556						

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
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△13△15 製品一覧 PRODUCT LIST

HOUSING COLOR			
NATURAL(BEIGE)			
203556 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
	203556 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)								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		EC NO: 614886 DRWN: AISHIKAWA 2019/04/02 CHK'D: AIDA 2019/04/03 APPR: KOMURAKAMI 2019/04/05				PRODUCT CUSTOMER DRAWING											
0 PLACES		± 0.2																	
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	
												MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE SHEET 6				6 OF 6					

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/05	01:07:40
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