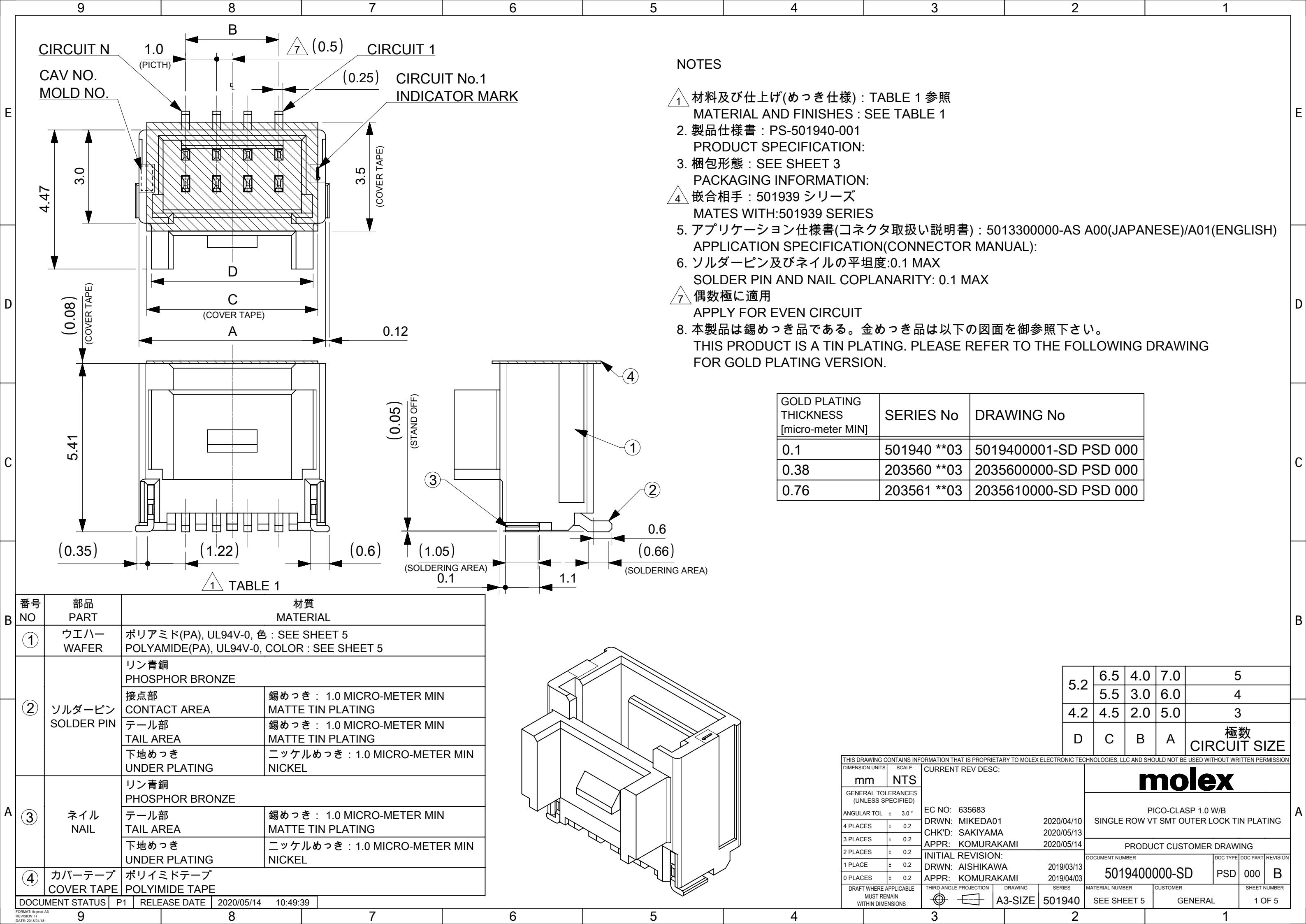




NOTES

1. 材料及び仕上げ(めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書 : PS-501940-001
PRODUCT SPECIFICATION:
3. 梱包形態 : SEE SHEET 3
PACKAGING INFORMATION:
4. 嵌合相手 : 501939 シリーズ
MATES WITH:501939 SERIES
5. 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):
6. 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
7. 偶数極に適用
APPLY FOR EVEN CIRCUIT
8. 本製品は錫めっき品である。金めっき品は以下の図面を御参照下さい。
THIS PRODUCT IS A TIN PLATING. PLEASE REFER TO THE FOLLOWING DRAWING FOR GOLD PLATING VERSION.

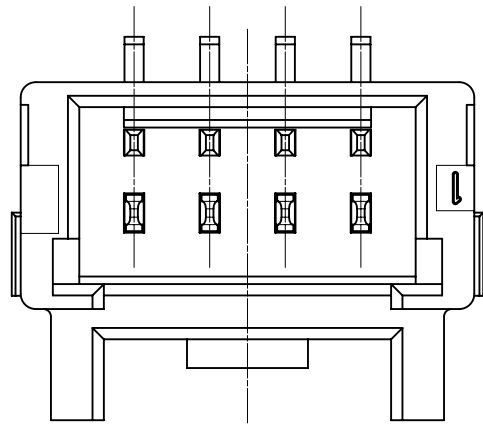
GOLD PLATING THICKNESS [micro-meter MIN]	SERIES No	DRAWING No
0.1	501940 **03	5019400001-SD PSD 000
0.38	203560 **03	2035600000-SD PSD 000
0.76	203561 **03	2035610000-SD PSD 000

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 5 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 5
2	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE
		接点部 CONTACT AREA
		テール部 TAIL AREA
		下地めっき UNDER PLATING
3	ネイル NAIL	リン青銅 PHOSPHOR BRONZE
		テール部 TAIL AREA
		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	2020/05/14	10:49:39
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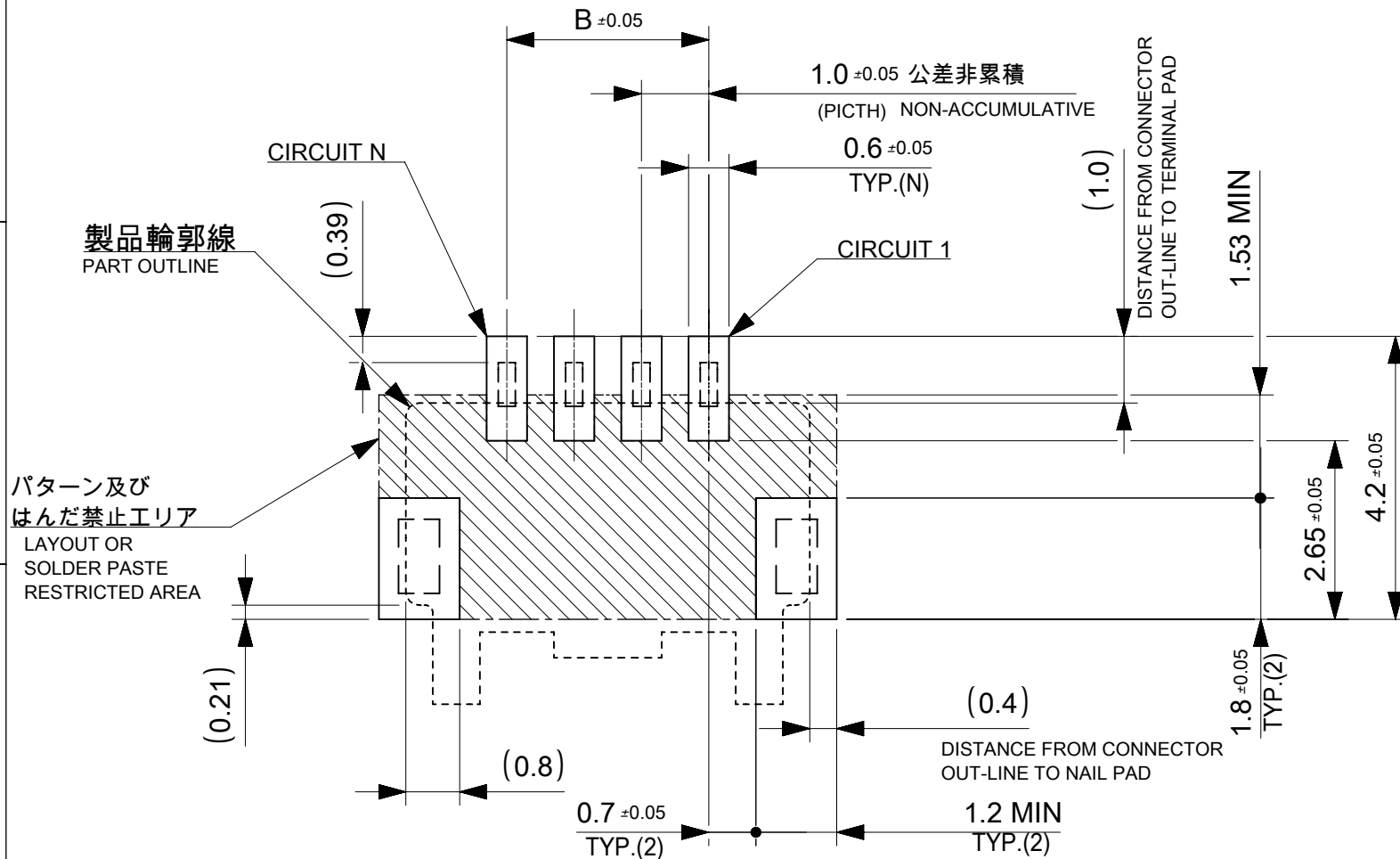
5.2	6.5	4.0	7.0	5
	5.5	3.0	6.0	4
4.2	4.5	2.0	5.0	3
D	C	B	A	極数 CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		PICO-CLASP 1.0 W/B SINGLE ROW VT SMT OUTER LOCK TIN PLATING		
mm	NTS	ANGULAR TOL ± 3.0 °		PRODUCT CUSTOMER DRAWING		
4 PLACES	± 0.2	EC NO: 635683		DOCUMENT NUMBER		
3 PLACES	± 0.2	DRWN: MIKEDA01 2020/04/10		5019400000-SD		
2 PLACES	± 0.2	CHK'D: SAKIYAMA 2020/05/13		PSD 000		
1 PLACE	± 0.2	APPR: KOMURAKAMI 2020/05/14		B		
0 PLACES	± 0.2	INITIAL REVISION:		REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SHEET NUMBER		
		DRAWING		1 OF 5		
		SERIES				
		A3-SIZE				
		501940				
		SEE SHEET 5				
		GENERAL				



製品レイアウト
PRODUCT LAYOUT

△4 嵌合相手 : 501939 シリーズ
MATE WITH : 501939 SERIES

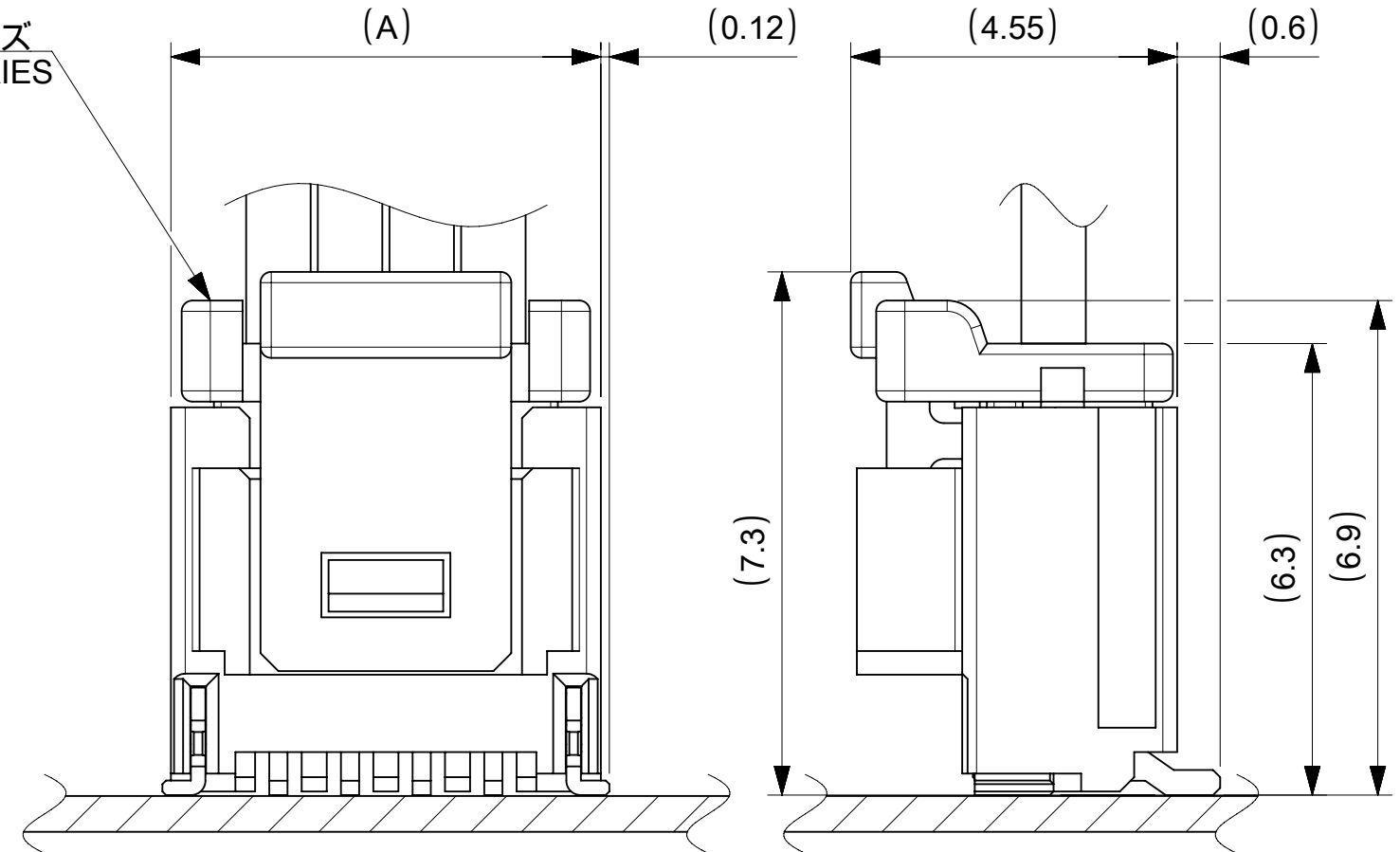


推奨基板レイアウト(全極数適用) : 実装面側
(参考 : 基板厚 1.0mm, メタルマスク厚さ 0.12mm, マスク開口率100%)

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



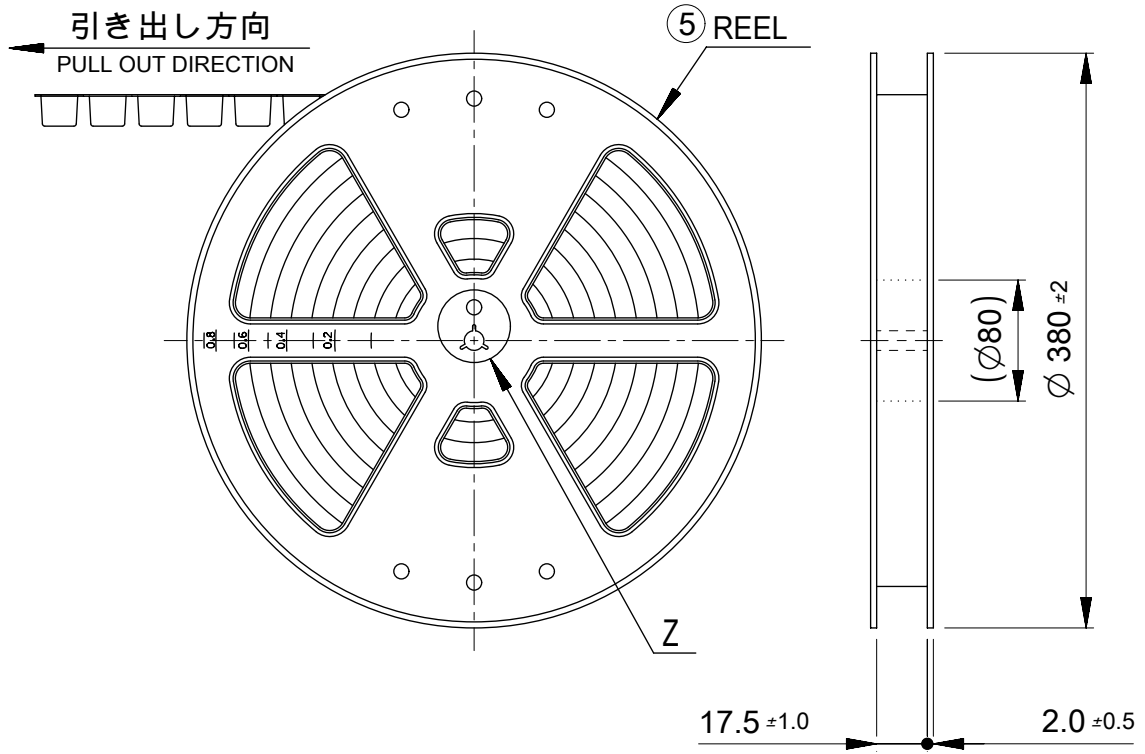
:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED



嵌合図
MATED CONNECTORS

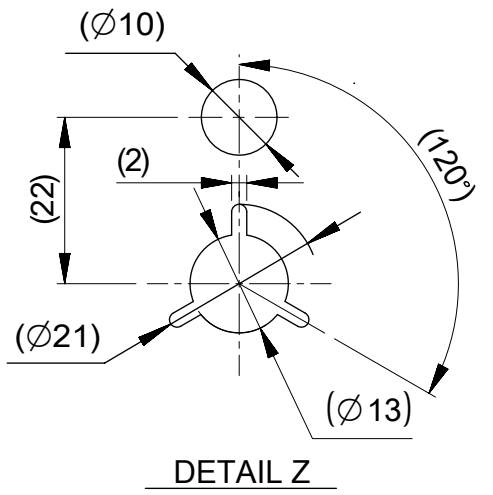
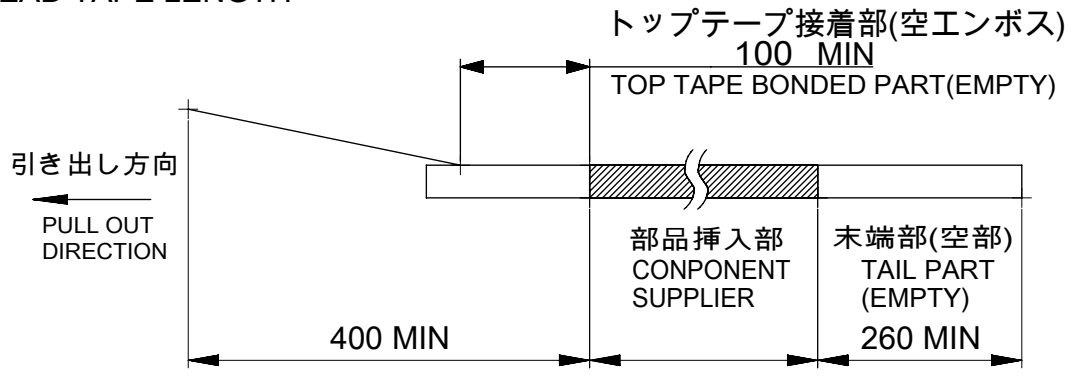
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-CLASP 1.0 W/B SINGLE ROW VT SMT OUTER LOCK TIN PLATING					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2		EC NO: 635683			PRODUCT CUSTOMER DRAWING		
3 PLACES		± 0.2		DRWN: MIKEDA01 2020/04/10					
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2020/05/13					
1 PLACE		± 0.2		APPR: KOMURAKAMI 2020/05/14			DOCUMENT NUMBER		
0 PLACES		± 0.2		INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AISHIKAWA 2019/03/13			DOC TYPE		
				APPR: KOMURAKAMI 2019/04/03					
THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER			
		A3-SIZE		501940					2 OF 5

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NOTES

9. 梱包数量:1100個/リール
NUMBER OF CONNECTORS : 1100 PIECES/REEL
10. リードテープ長さ
LEAD TAPE LENGTH
11. 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.
12. 梱包仕様書 : SPK-501940-001
PACKAGE SPECIFICATION:
13. 発注番号 : SHEET 5 参照
ORDER No. : PLEASE REFER TO SHEET 5 FOR PRODUCT LIST.

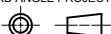


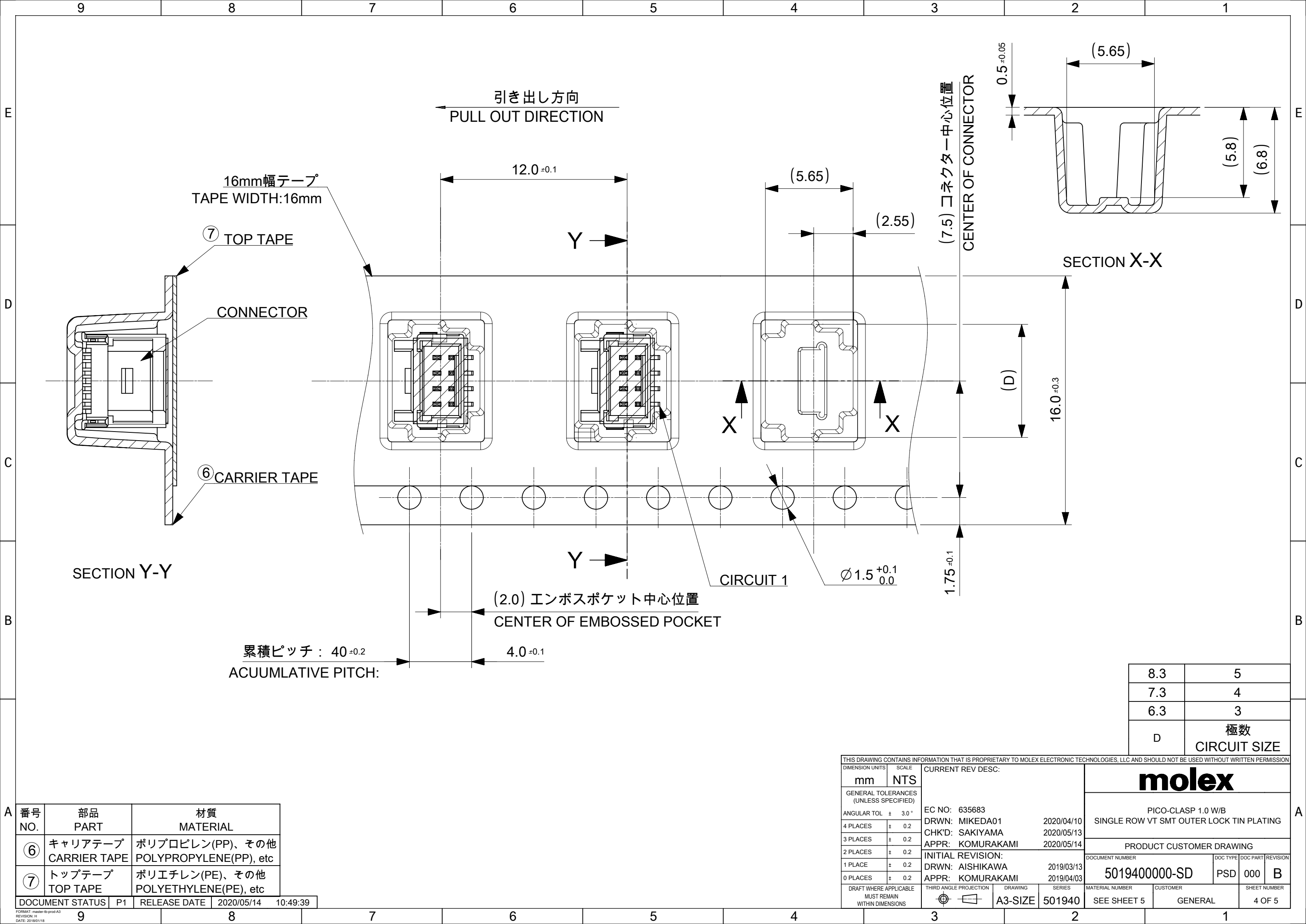
501940

** * *

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 2020/05/14 10:49:39

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: 635683 DRWN: MIKEDA01 2020/04/10 CHK'D: SAKIYAMA 2020/05/13 APPR: KOMURAKAMI 2020/05/14 INITIAL REVISION: DRWN: AISHIKAWA 2019/03/13 APPR: KOMURAKAMI 2019/04/03			molex PICO-CLASP 1.0 W/B SINGLE ROW VT SMT OUTER LOCK TIN PLATING						
mm		NTS								PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3.0 °							DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
4 PLACES ± 0.2							5019400000-SD			PSD	000	B	
3 PLACES ± 0.2													
2 PLACES ± 0.2													
1 PLACE ± 0.2													
0 PLACES ± 0.2													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				A3-SIZE	501940	SEE SHEET 5		GENERAL		3 OF 5			



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 POLYPROPYLENE(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	2020/05/14	10:49:39
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DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex			
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 635683		PICO-CLASP 1.0 W/B SINGLE ROW VT SMT OUTER LOCK TIN PLATING					
ANGULAR TOL ± 3.0 °		DRWN: MIKEDA01 2020/04/10							
4 PLACES ± 0.2		CHK'D: SAKIYAMA 2020/05/13		PRODUCT CUSTOMER DRAWING					
3 PLACES ± 0.2		APPR: KOMURAKAMI 2020/05/14							
2 PLACES ± 0.2		INITIAL REVISION:		DOCUMENT NUMBER 5019400000-SD					
1 PLACE ± 0.2		DRWN: AISHIKAWA 2019/03/13							
0 PLACES ± 0.2		APPR: KOMURAKAMI 2019/04/03		DOC TYPE		DOC PART	REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				A3-SIZE	501940	SEE SHEET 5		GENERAL	4 OF 5

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)												
ANGULAR TOL		±	3.0 °					PICO-CLASP 1.0 W/B SINGLE ROW VT SMT OUTER LOCK TIN PLATING				
4 PLACES		±	0.2									
3 PLACES		±	0.2									
2 PLACES		±	0.2	INITIAL REVISION: DRWN: AISHIKAWA APPR: KOMURAKAMI				PRODUCT CUSTOMER DRAWING				
1 PLACE		±	0.2					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±	0.2					5019400000-SD		PSD	000	B
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		
						A3-SIZE	501940	SEE SHEET 5		GENERAL		
										SHEET NUMBER		
										5 OF 5		

13製品一覧 PRODUCT LIST

HOUSING COLOR	
NATURAL(BEIGE)	
501940 0507	5
501940 0407	4
501940 0307	3
発注番号 ORDER No	極数 CIRCUIT SIZE
梱包形態：エンボスリール PACKAGE:EMBOSSED REEL	