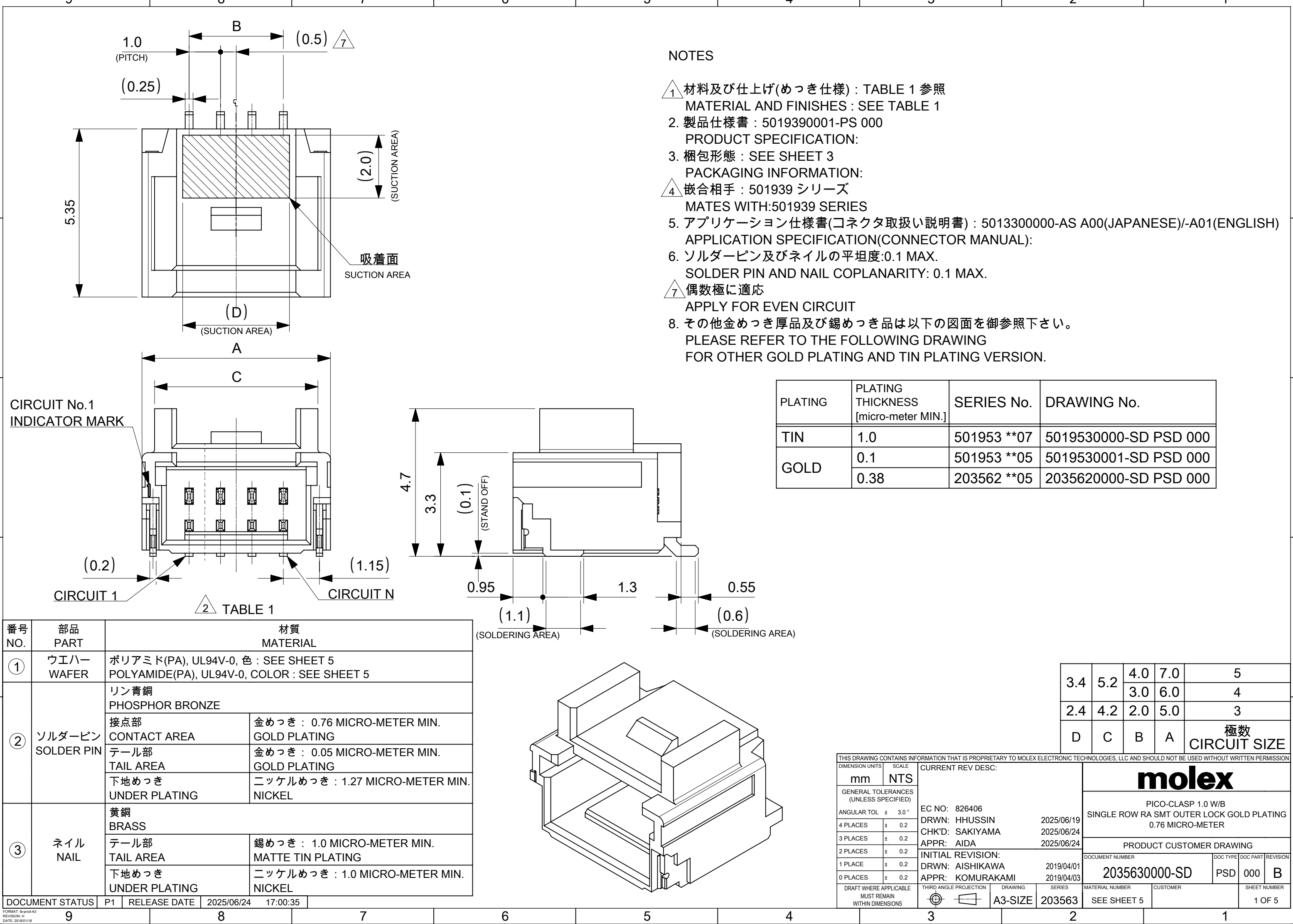




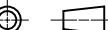
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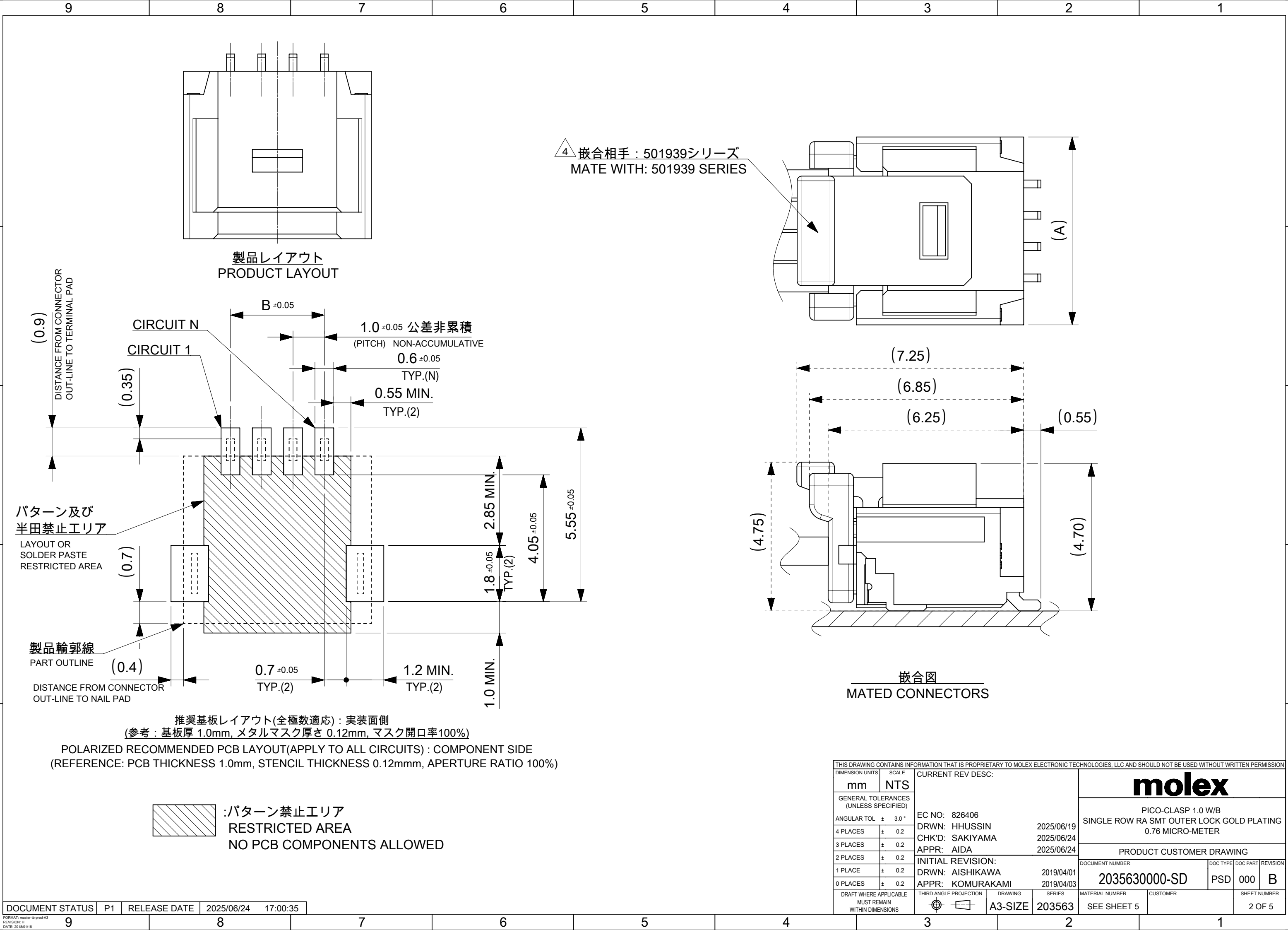
- 1 材料及び仕上げ(めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書 : 5019390001-PS 000
PRODUCT SPECIFICATION:
3. 梱包形態 : SEE SHEET 3
PACKAGING INFORMATION:
- 4 嵌合相手 : 501939 シリーズ
MATES WITH:501939 SERIES
5. アプリケーション仕様書(コネクタ取扱い説明書) : 5013300000-AS A00(JAPANESE)/-A01(ENGLISH)
APPLICATION SPECIFICATION(CONNECTOR 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. 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 AND TIN PLATING VERSION.

PLATING	PLATING THICKNESS [micro-meter MIN.]	SERIES No.	DRAWING No.
TIN	1.0	501953 **07	5019530000-SD PSD 000
GOLD	0.1	501953 **05	5019530001-SD PSD 000
	0.38	203562 **05	2035620000-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	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

3.4	5.2	4.0	7.0	5
		3.0	6.0	4
2.4	4.2	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													
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex						
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-CLASP 1.0 W/B SINGLE ROW RA SMT OUTER LOCK GOLD PLATING 0.76 MICRO-METER									
ANGULAR TOL ± 3.0 °													
4 PLACES		± 0.2		EC NO: 826406		PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.2		DRWN: HHUSSIN 2025/06/19									
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2025/06/24		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
1 PLACE		± 0.2		APPR: AIDA 2025/06/24									
0 PLACES		± 0.2		INITIAL REVISION:		2035630000-SD		PSD	000	B			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AISHIKAWA 2019/04/01									
THIRD ANGLE PROJECTION 				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		203563		SEE SHEET 5				1 OF 5	
				APPR: KOMURAKAMI 2019/04/03									



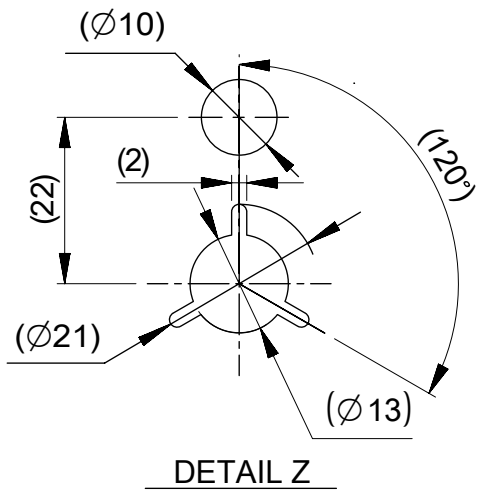
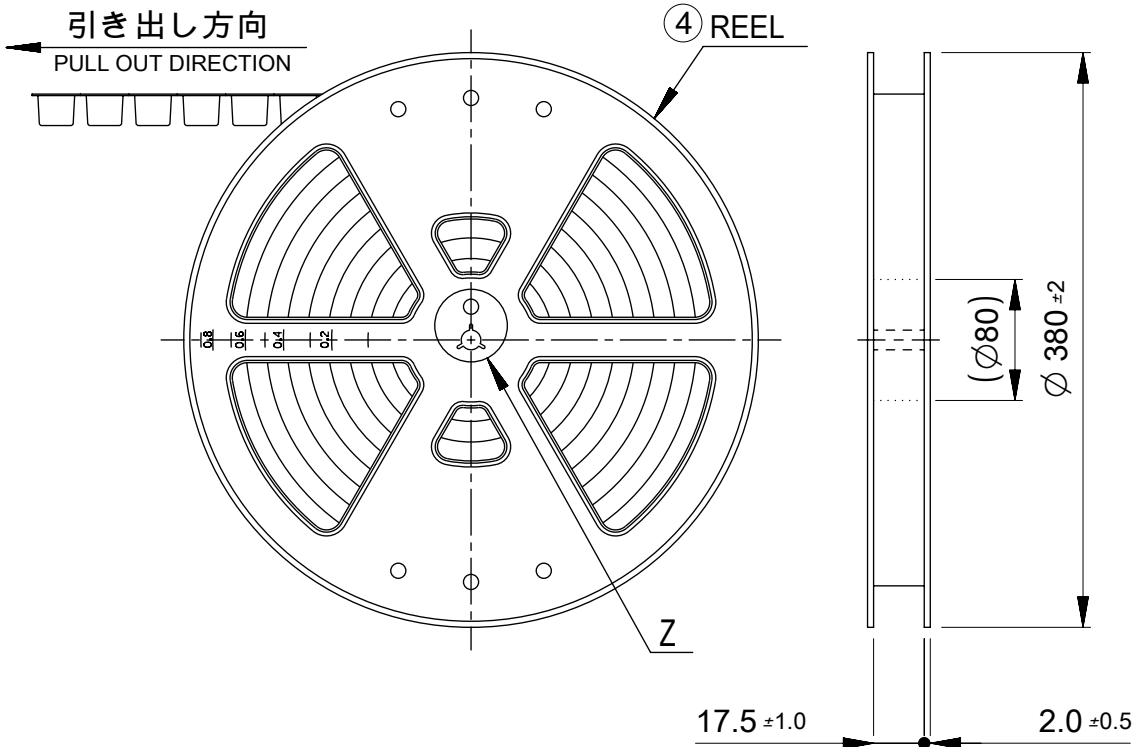
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

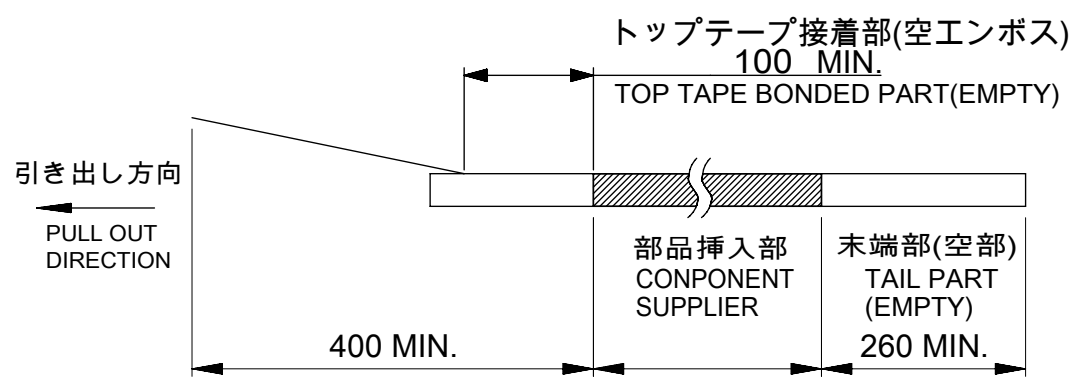
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex PICO-CLASP 1.0 W/B SINGLE ROW RA SMT OUTER LOCK GOLD PLATING 0.76 MICRO-METER							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 826406 DRWN: HHUSSIN 2025/06/19 CHK'D: SAKIYAMA 2025/06/24 APPR: AIDA 2025/06/24 INITIAL REVISION: DRWN: AISHIKAWA 2019/04/01 APPR: KOMURAKAMI 2019/04/03				PRODUCT CUSTOMER DRAWING			
ANGULAR TOL		±	3.0 °	DOCUMENT NUMBER		DOC TYPE	DOC PART					REVISION			
4 PLACES		±	0.2	2035630000-SD		PSD	000					B			
3 PLACES		±	0.2												
2 PLACES		±	0.2	MATERIAL NUMBER								CUSTOMER		SHEET NUMBER	
1 PLACE		±	0.2												
0 PLACES		±	0.2	SEE SHEET 5				2 OF 5							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES								
						A3-SIZE	203563								

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/24	17:00:35
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NOTES

9. 梱包数量:1300個/リール
NUMBER OF CONNECTORS : 1300 PIECES/REEL
10. リードテープ長さ
LEAD TAPE LENGTH



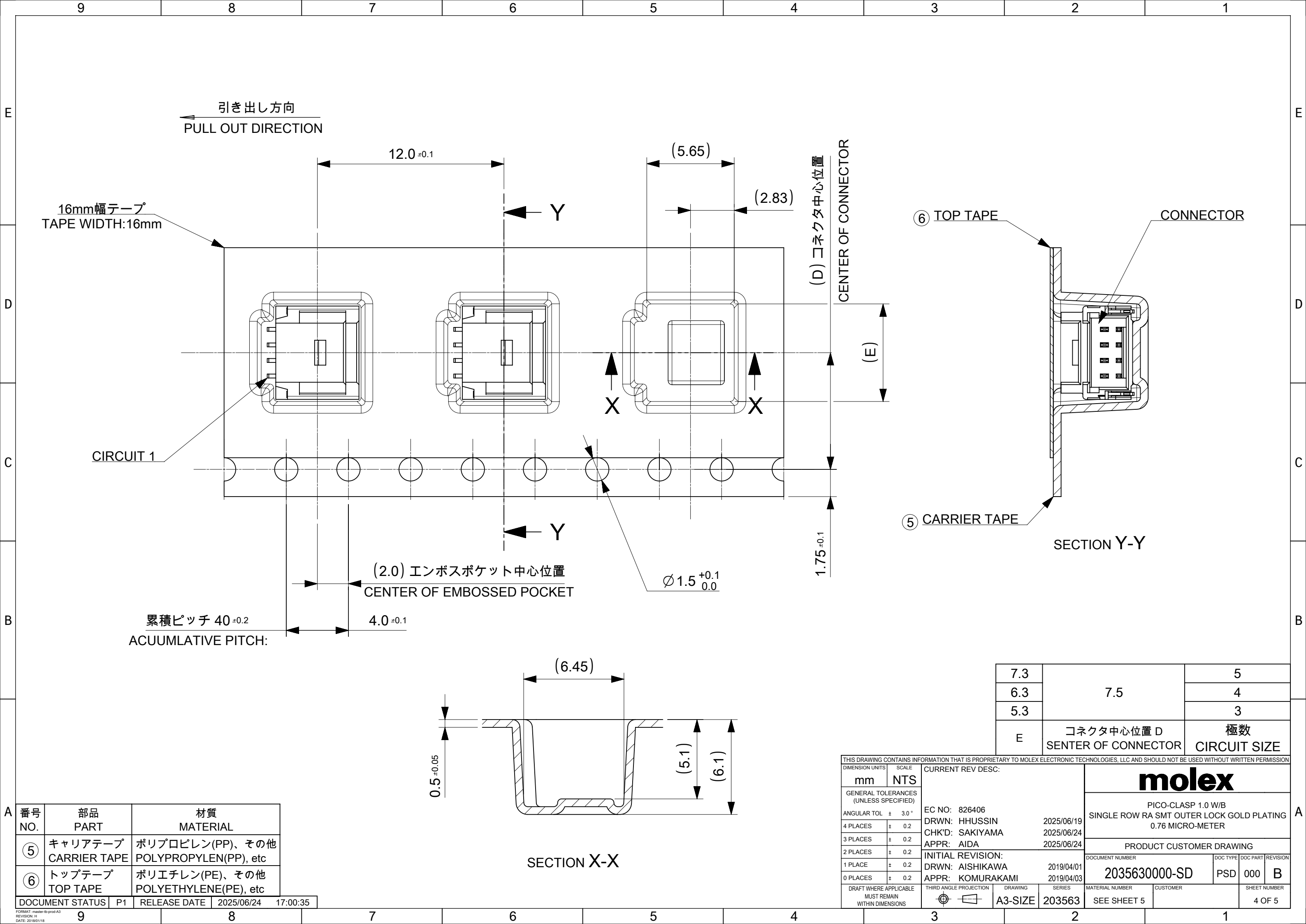
11. トップテープの剥離強度はIEC60286-3に準拠。
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.
12. 梱包仕様書 : 2035639200 PS 200
PACKAGE SPECIFICATION:
- △13 発注番号 : SHEET 5 参照
ORDER No. : PLEASE REFER TO SHEET 5 FOR PRODUCT LIST.

203563 ** * *

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)	5:EMBOSSED PACKAGE

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 2025/06/24 17:00:35

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: 826406 DRWN: HHUSSIN 2025/06/19 CHK'D: SAKIYAMA 2025/06/24 APPR: AIDA 2025/06/24 INITIAL REVISION: DRWN: AISHIKAWA 2019/04/01 APPR: KOMURAKAMI 2019/04/03						PICO-CLASP 1.0 W/B SINGLE ROW RA SMT OUTER LOCK GOLD PLATING 0.76 MICRO-METER							
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING							
4 PLACES ± 0.2								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
3 PLACES ± 0.2								2035630000-SD		PSD		000		B	
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		203563		SEE SHEET 5				3 OF 5			



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 POLYPROPYLEN(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	2025/06/24	17:00:35
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FORMAT: master-B-prod-A3
REVISION: 14
DATE: 2018/01/18

7.3	7.5	5
6.3		4
5.3		3
E	コネクタ中心位置 D SENTER OF CONNECTOR	極数 CIRCUIT SIZE

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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 RA SMT OUTER LOCK GOLD PLATING 0.76 MICRO-METER							
ANGULAR TOL ± 3.0 °											
4 PLACES ± 0.2											
3 PLACES ± 0.2											
2 PLACES ± 0.2				PRODUCT CUSTOMER DRAWING							
1 PLACE ± 0.2											
0 PLACES ± 0.2				DOCUMENT NUMBER			DOC TYPE		DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				2035630000-SD			PSD		000	B	
				MATERIAL NUMBER			CUSTOMER			SHEET NUMBER	
				SEE SHEET 5						4 OF 5	
THIRD ANGLE PROJECTION				DRAWING		SERIES					
				A3-SIZE		203563					

