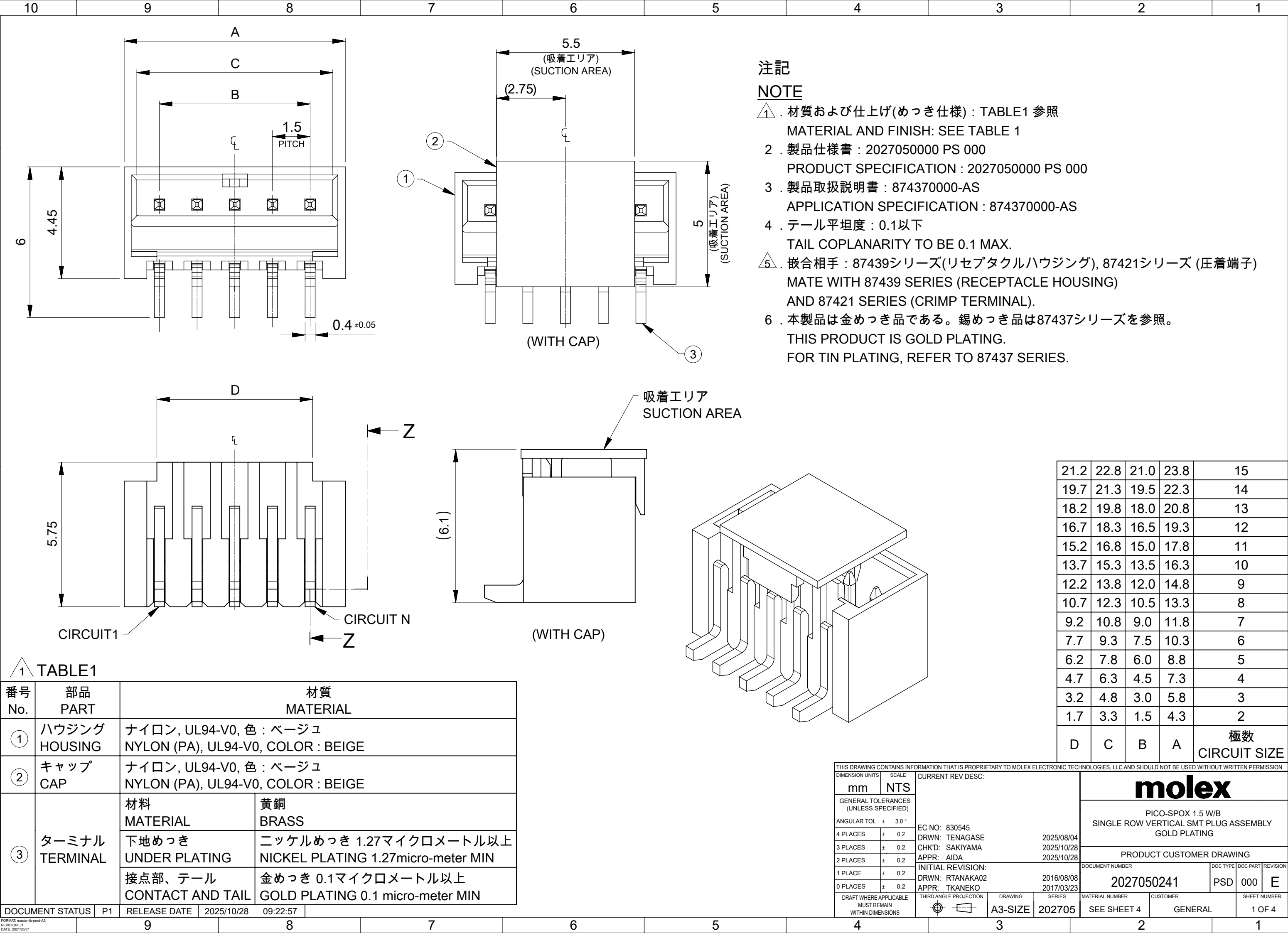




注記

NOTE

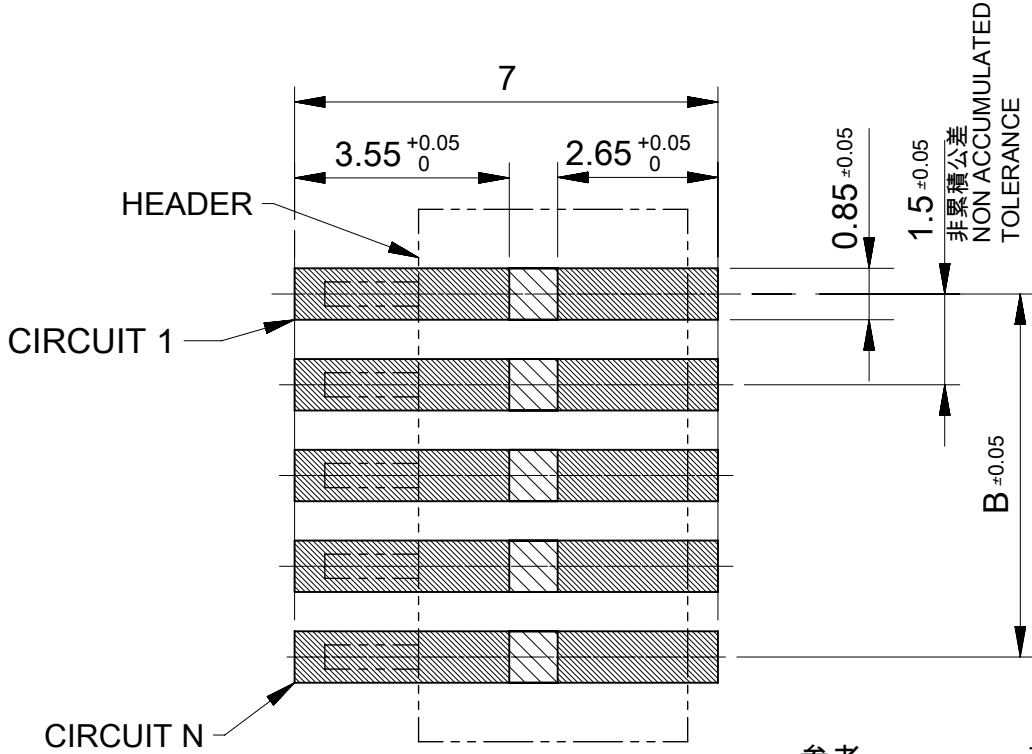
- ① . 材質および仕上げ(めっき仕様) : TABLE1 参照
MATERIAL AND FINISH: SEE TABLE 1
- 2 . 製品仕様書 : 2027050000 PS 000
PRODUCT SPECIFICATION : 2027050000 PS 000
- 3 . 製品取扱説明書 : 874370000-AS
APPLICATION SPECIFICATION : 874370000-AS
- 4 . テール平坦度 : 0.1以下
TAIL COPLANARITY TO BE 0.1 MAX.
- ⑤ . 嵌合相手 : 87439シリーズ(リセプタクルハウジング), 87421シリーズ (圧着端子)
MATE WITH 87439 SERIES (RECEPTACLE HOUSING)
AND 87421 SERIES (CRIMP TERMINAL).
- 6 . 本製品は金めっき品である。錫めっき品は87437シリーズを参照。
THIS PRODUCT IS GOLD PLATING.
FOR TIN PLATING, REFER TO 87437 SERIES.

21.2	22.8	21.0	23.8	15
19.7	21.3	19.5	22.3	14
18.2	19.8	18.0	20.8	13
16.7	18.3	16.5	19.3	12
15.2	16.8	15.0	17.8	11
13.7	15.3	13.5	16.3	10
12.2	13.8	12.0	14.8	9
10.7	12.3	10.5	13.3	8
9.2	10.8	9.0	11.8	7
7.7	9.3	7.5	10.3	6
6.2	7.8	6.0	8.8	5
4.7	6.3	4.5	7.3	4
3.2	4.8	3.0	5.8	3
1.7	3.3	1.5	4.3	2
D	C	B	A	極数 CIRCUIT SIZE

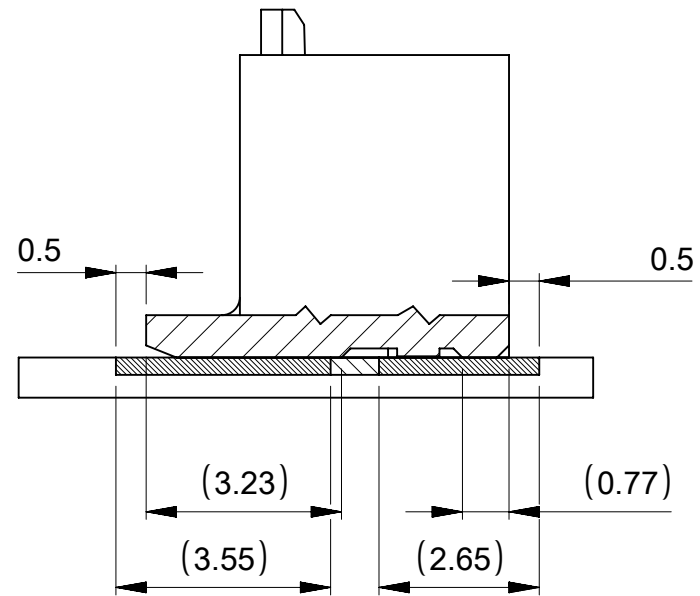
① TABLE1					
番号 No.		部品 PART		材質 MATERIAL	
①		ハウジング HOUSING		ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
②		キャップ CAP		ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
③		ターミナル TERMINAL		材料 MATERIAL	黄銅 BRASS
				下地めっき UNDER PLATING	ニッケルめっき 1.27マイクロメートル以上 NICKEL PLATING 1.27micro-meter MIN
				接点部、テール CONTACT AND TAIL	金めっき 0.1マイクロメートル以上 GOLD PLATING 0.1 micro-meter MIN
DOCUMENT STATUS		P1	RELEASE DATE	2025/10/28	09:22:57

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: 830545 DRWN: TENAGASE 2025/08/04 CHK'D: SAKIYAMA 2025/10/28 APPR: AIDA 2025/10/28 INITIAL REVISION: DRWN: RTANAKA02 2016/08/08 APPR: TKANEKO 2017/03/23			molex PICO-SPOX 1.5 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING					
mm		NTS								PRODUCT CUSTOMER DRAWING		
GENERAL TOLERANCES (UNLESS SPECIFIED)							DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 3.0 °							2027050241			PSD	000	E
4 PLACES ± 0.2							THIRD ANGLE PROJECTION 			MATERIAL NUMBER		CUSTOMER
3 PLACES ± 0.2				A3-SIZE		202705				SEE SHEET 4	GENERAL	1 OF 4
2 PLACES ± 0.2												
1 PLACE ± 0.2												
0 PLACES ± 0.2												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

推奨基板レイアウト
RECOMMENDED PCB LAYOUT



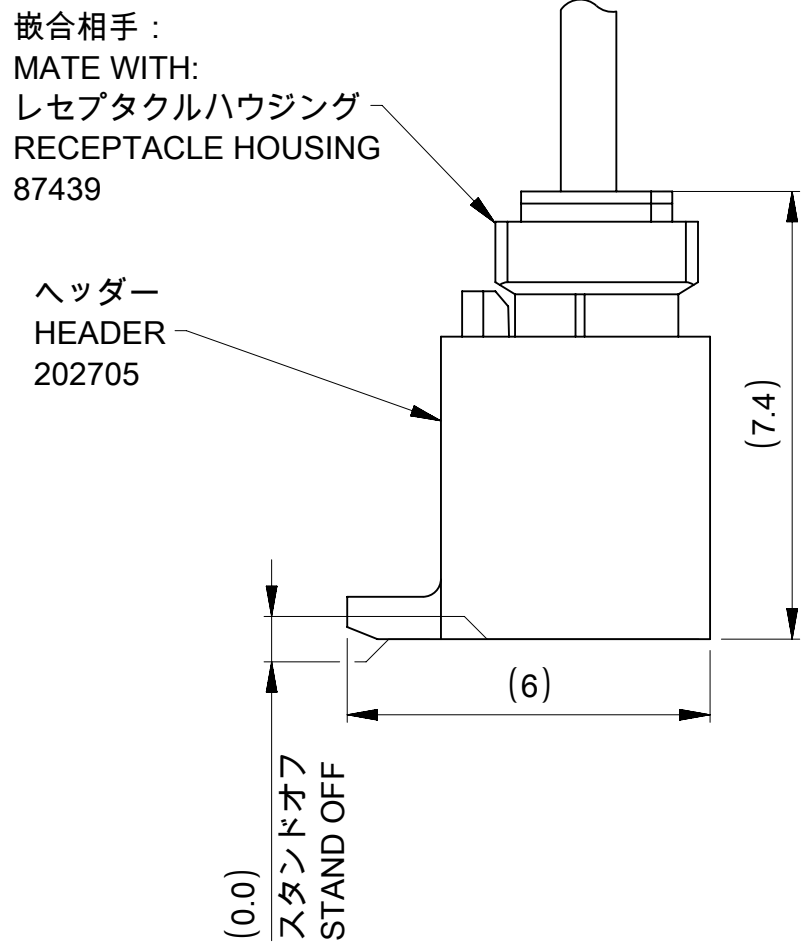
参考 : 基板厚 1.0mm
REFERENCE : PCB THICKNESS 1.0mm
メタルマスク厚 0.12mm
STENCIL THICKNESS 0.12mm
マスク開口率100%
APERTURE RATIO 100%.



SECTION Z-Z

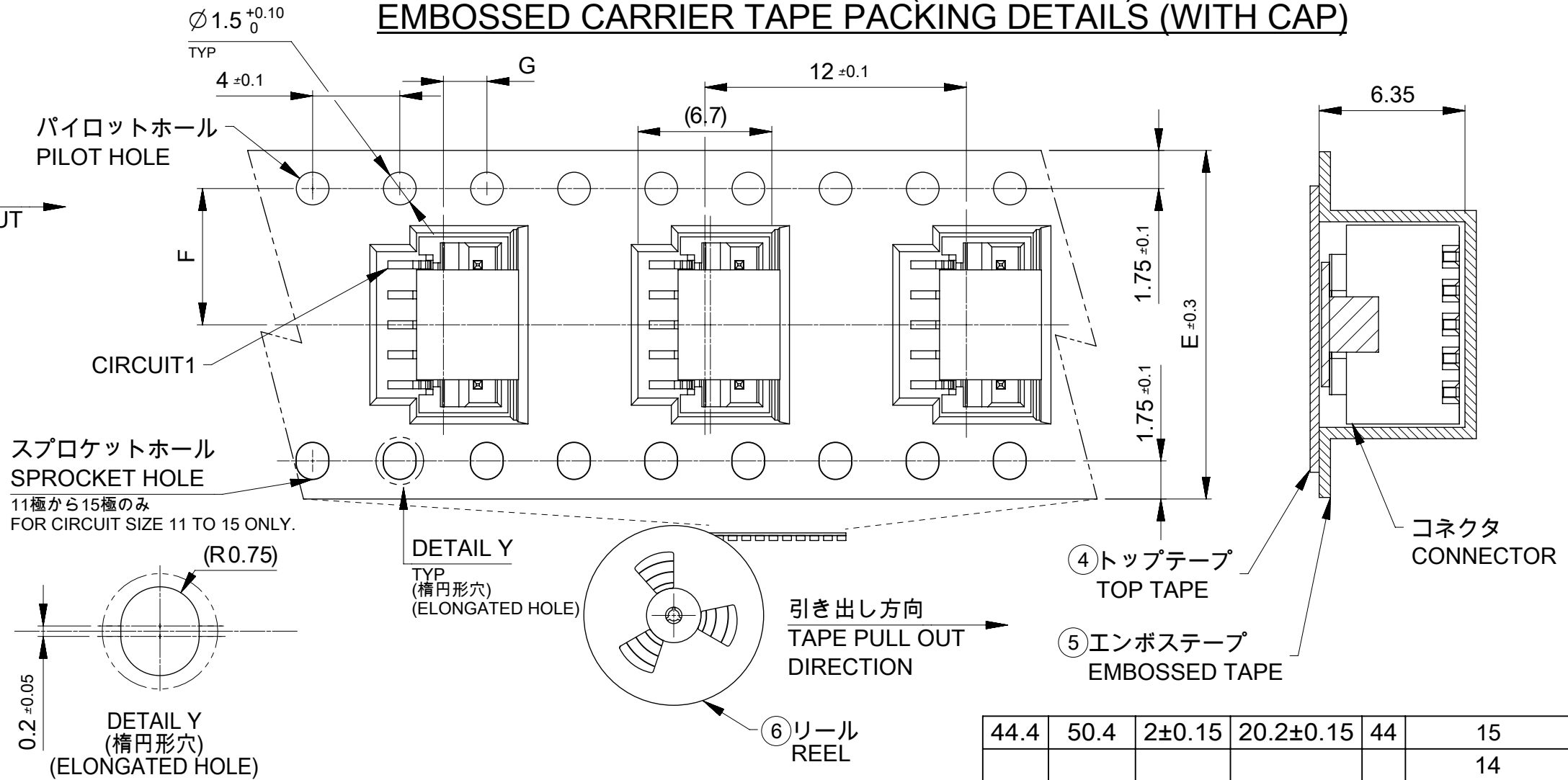
- : 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)
- : 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

△5 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-SPOX 1.5 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 830545 DRWN: TENAGASE 2025/08/04 CHK'D: SAKIYAMA 2025/10/28 APPR: AIDA 2025/10/28								
ANGULAR TOL ± 3.0 °											
4 PLACES ± 0.2											
3 PLACES ± 0.2											
2 PLACES ± 0.2			PRODUCT CUSTOMER DRAWING								
1 PLACE ± 0.2			INITIAL REVISION: DRWN: RTANAKA02 2016/08/08 APPR: TKANEKO 2017/03/23				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ± 0.2							2027050241		PSD	000	E
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					A3-SIZE	202705	SEE SHEET 4		GENERAL		2 OF 4

エンボス梱包 詳細 (キャップ付き)
EMBOSSSED CARRIER TAPE PACKING DETAILS (WITH CAP)



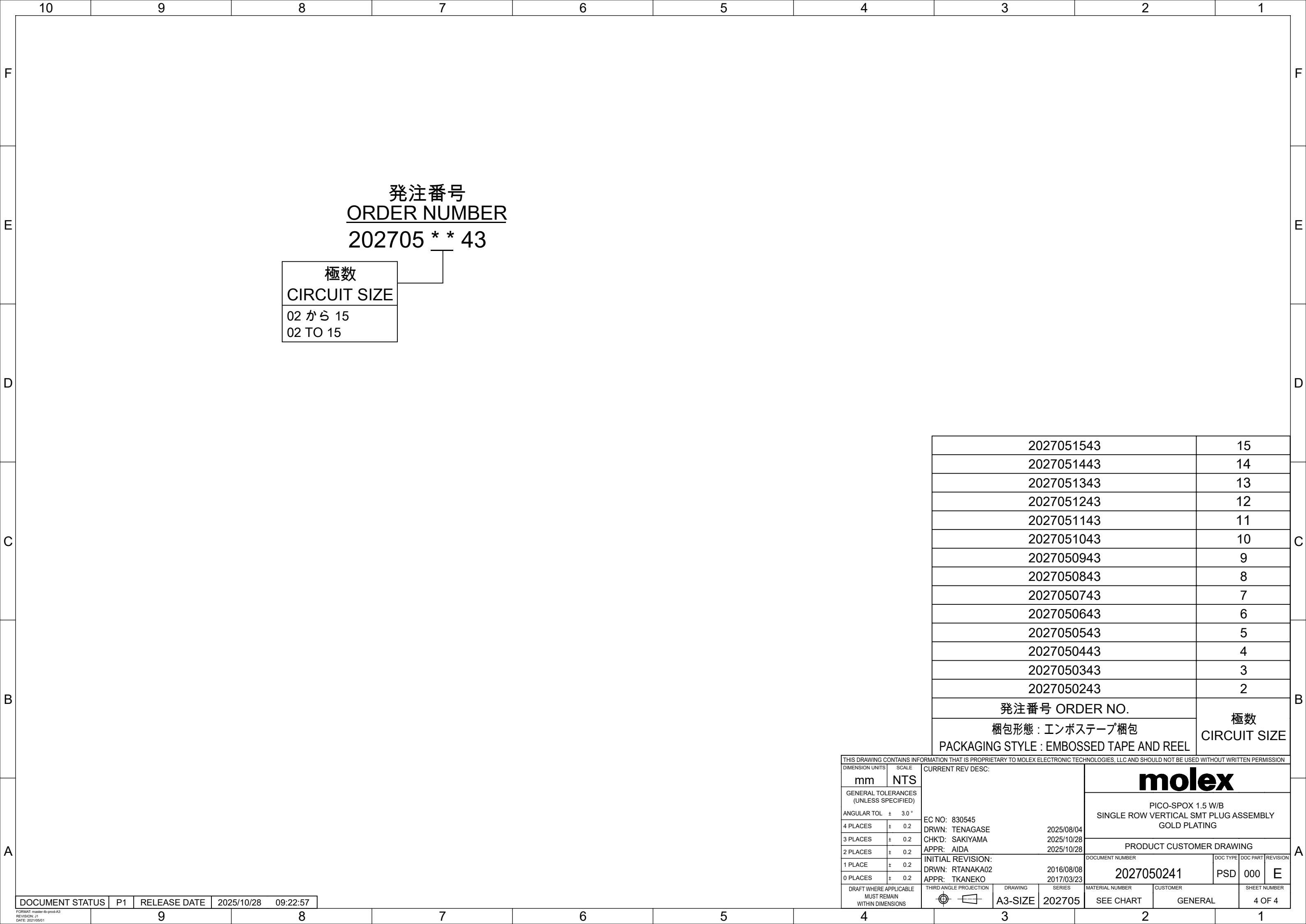
引き出し方向
PULL OUT
DIRECTION

-
- 剥離方向
PEEL OFF DIRECTION
- 15°以下
15°MAX.
- 引き出し方向
PULL OUT DIRECTION

- 9 . EIA-481に準拠する。
PACKAGING STANDARD IS AS PER EIA-481.
- 10 . 梱包数量=900個/リール
TAPE & REEL QUANTITY=900PCS/REEL
- 11 . 本製品は乾燥剤入りハイバリア梱包での納品となる。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER
PACKAGE WITH DESICCANT.
- 12 . 梱包仕様書 : 2027059200 PS 200
PACKING INFORMATION : 2027059200 PS 200

44.4	50.4	2±0.15	20.2±0.15	44	15
32.4	38.4	2±0.1	14.2±0.1	32	14
					13
					12
					11
24.4	30.4		11.5±0.1	24	10
					9
					8
					7
16.4	22.4		7.5±0.1	16	6
					5
		4			
		3			
					2
J	H MAX	G	F	E	極数 CIRCUIT SIZE

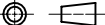
番号 NO.	部品 PART	材質 MATERIAL	DIMENSION UNITS		SCALE	CURRENT REV DESC: EC NO: 830545 DRWN: TENAGASE 2025/08/04 CHK'D: SAKIYAMA 2025/10/28 APPR: AIDA 2025/10/28 INITIAL REVISION: DRWN: RTANAKA02 2016/08/08 APPR: TKANEKO 2017/03/23				molex PICO-SPOX 1.5 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 2027050241 DOC TYPE PSD DOC PART 000 REVISION E MATERIAL NUMBER SEE SHEET 4 CUSTOMER GENERAL SHEET NUMBER 3 OF 4			
			mm	NTS									
④エンボステープ EMBOSSSED TAPE			GENERAL TOLERANCES (UNLESS SPECIFIED)										
			ANGULAR TOL ± 3.0 °										
			4 PLACES ± 0.2										
⑤トップテープ TOP TAPE			3 PLACES ± 0.2										
			2 PLACES ± 0.2										
			1 PLACE ± 0.2										
⑥リール REEL			0 PLACES ± 0.2										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
			THIRD ANGLE PROJECTION										
					DRAWING	SERIES							
				A3-SIZE	202705								



発注番号
ORDER NUMBER
202705 * * 43

極数 CIRCUIT SIZE
02 から 15 02 TO 15

2027051543	15
2027051443	14
2027051343	13
2027051243	12
2027051143	11
2027051043	10
2027050943	9
2027050843	8
2027050743	7
2027050643	6
2027050543	5
2027050443	4
2027050343	3
2027050243	2
発注番号 ORDER NO.	極数 CIRCUIT SIZE
梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL	

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)								PICO-SPOX 1.5 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING			
ANGULAR TOL ± 3.0 °											
4 PLACES		± 0.2		EC NO: 830545				PRODUCT CUSTOMER DRAWING			
3 PLACES		± 0.2		DRWN: TENAGASE 2025/08/04							
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2025/10/28							
1 PLACE		± 0.2		APPR: AIDA 2025/10/28				DOCUMENT NUMBER 2027050241			
0 PLACES		± 0.2		INITIAL REVISION: DRWN: RTANAKA02 2016/08/08 APPR: TKANEKO 2017/03/23							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		202705		SEE CHART	
										CUSTOMER	
								GENERAL		SHEET NUMBER	
										4 OF 4	

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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01