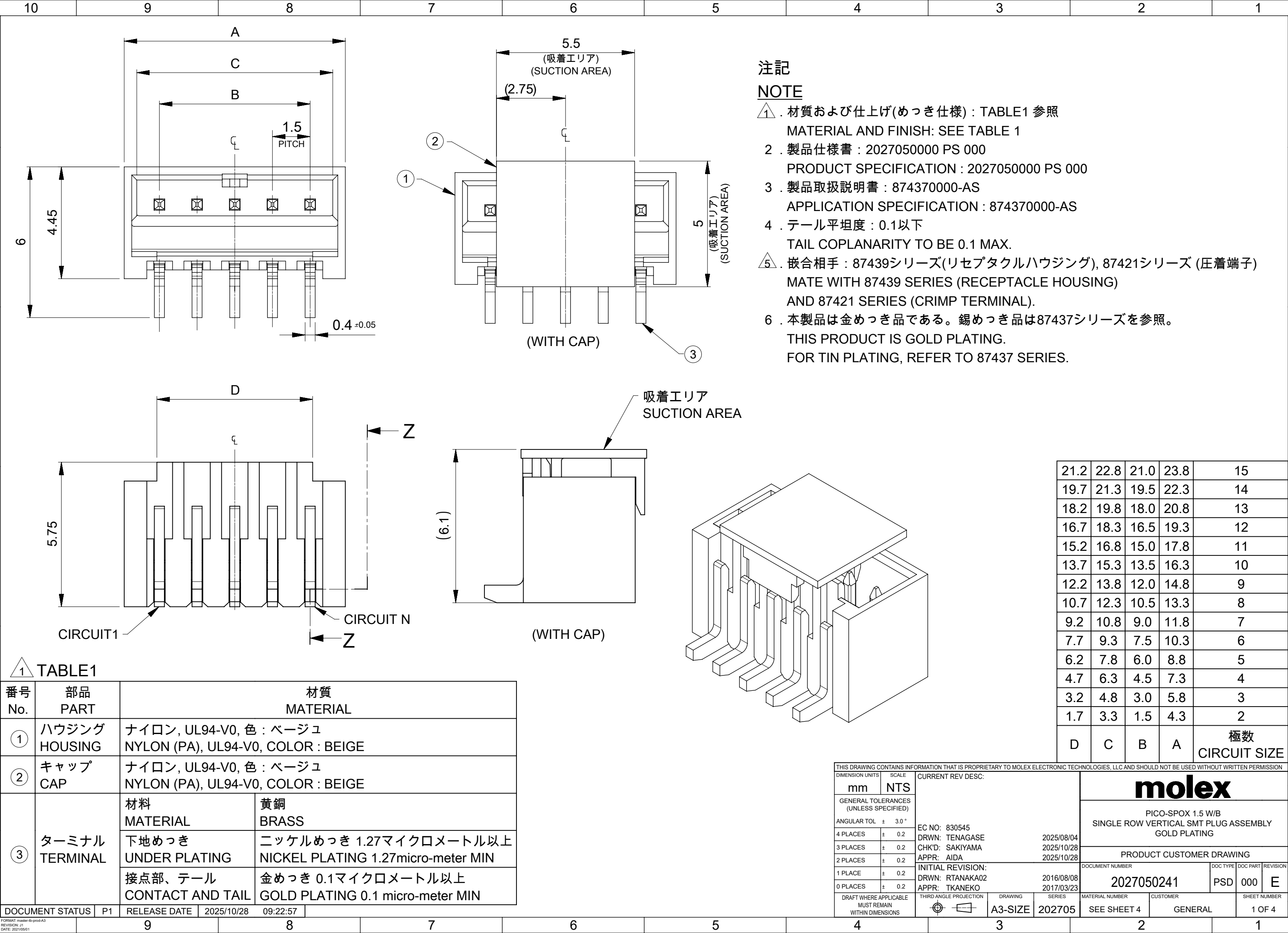




注記

NOTE

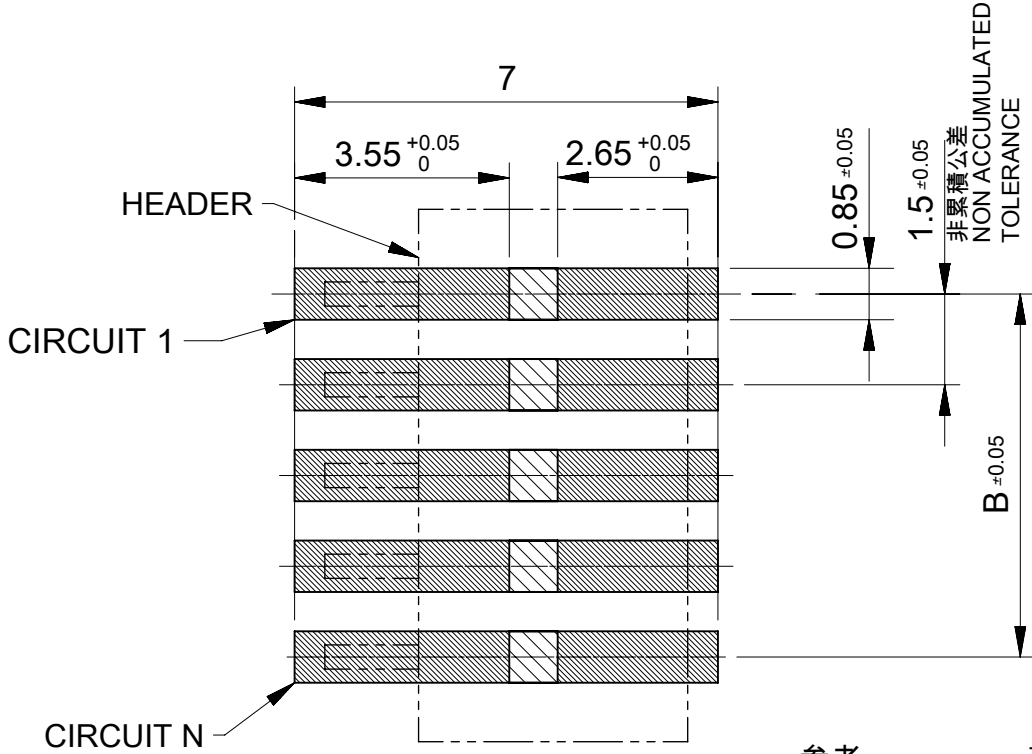
- ① . 材質および仕上げ(めっき仕様) : TABLE1 参照
MATERIAL AND FINISH: SEE TABLE 1
- 2 . 製品仕様書 : 2027050000 PS 000
PRODUCT SPECIFICATION : 2027050000 PS 000
- 3 . 製品取扱説明書 : 874370000-AS
APPLICATION SPECIFICATION : 874370000-AS
- 4 . テール平坦度 : 0.1以下
TAIL COPLANARITY TO BE 0.1 MAX.
- ⑤ . 嵌合相手 : 87439シリーズ(リセプタクルハウジング), 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

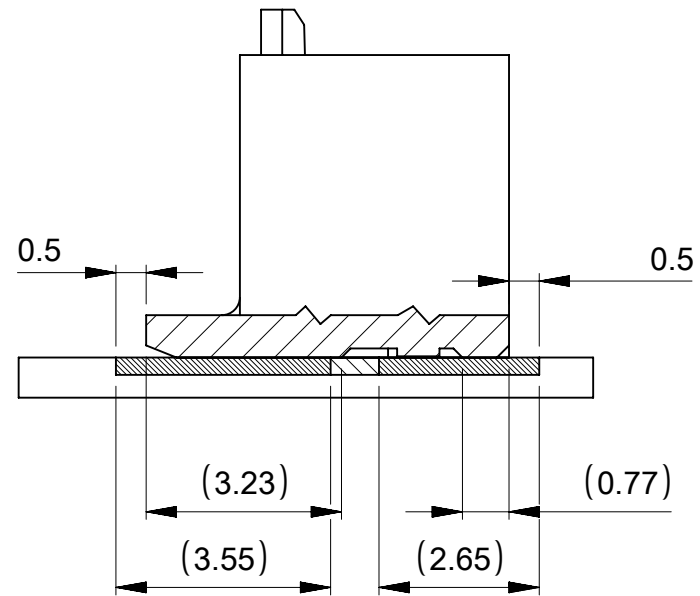
① TABLE1					
番号 No.		部品 PART		材質 MATERIAL	
①		ハウジング HOUSING		ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
②		キャップ CAP		ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
③		ターミナル TERMINAL		材料 MATERIAL	黄銅 BRASS
				下地めっき UNDER PLATING	ニッケルめっき 1.27マイクロメートル以上 NICKEL PLATING 1.27micro-meter 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:			molex PICO-SPOX 1.5 W/B SINGLE ROW VERTICAL SMT PLUG ASSEMBLY GOLD PLATING						
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3.0 °													
4 PLACES ± 0.2													
3 PLACES ± 0.2				EC NO: 830545 DRWN: TENAGASE 2025/08/04 CHK'D: SAKIYAMA 2025/10/28 APPR: AIDA 2025/10/28			PRODUCT CUSTOMER DRAWING						
2 PLACES ± 0.2													
1 PLACE ± 0.2							DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
0 PLACES ± 0.2				INITIAL REVISION: DRWN: RTANAKA02 2016/08/08 APPR: TKANEKO 2017/03/23			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		1 OF 4	

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%.

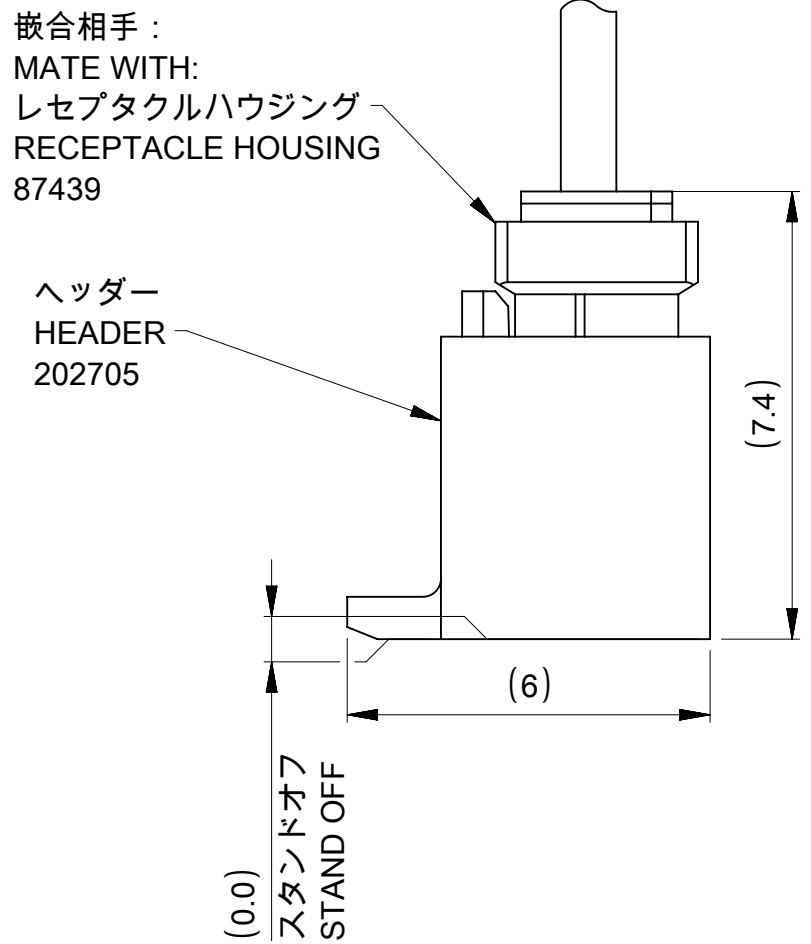


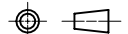
SECTION Z-Z

 : 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)

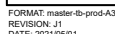
 : 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

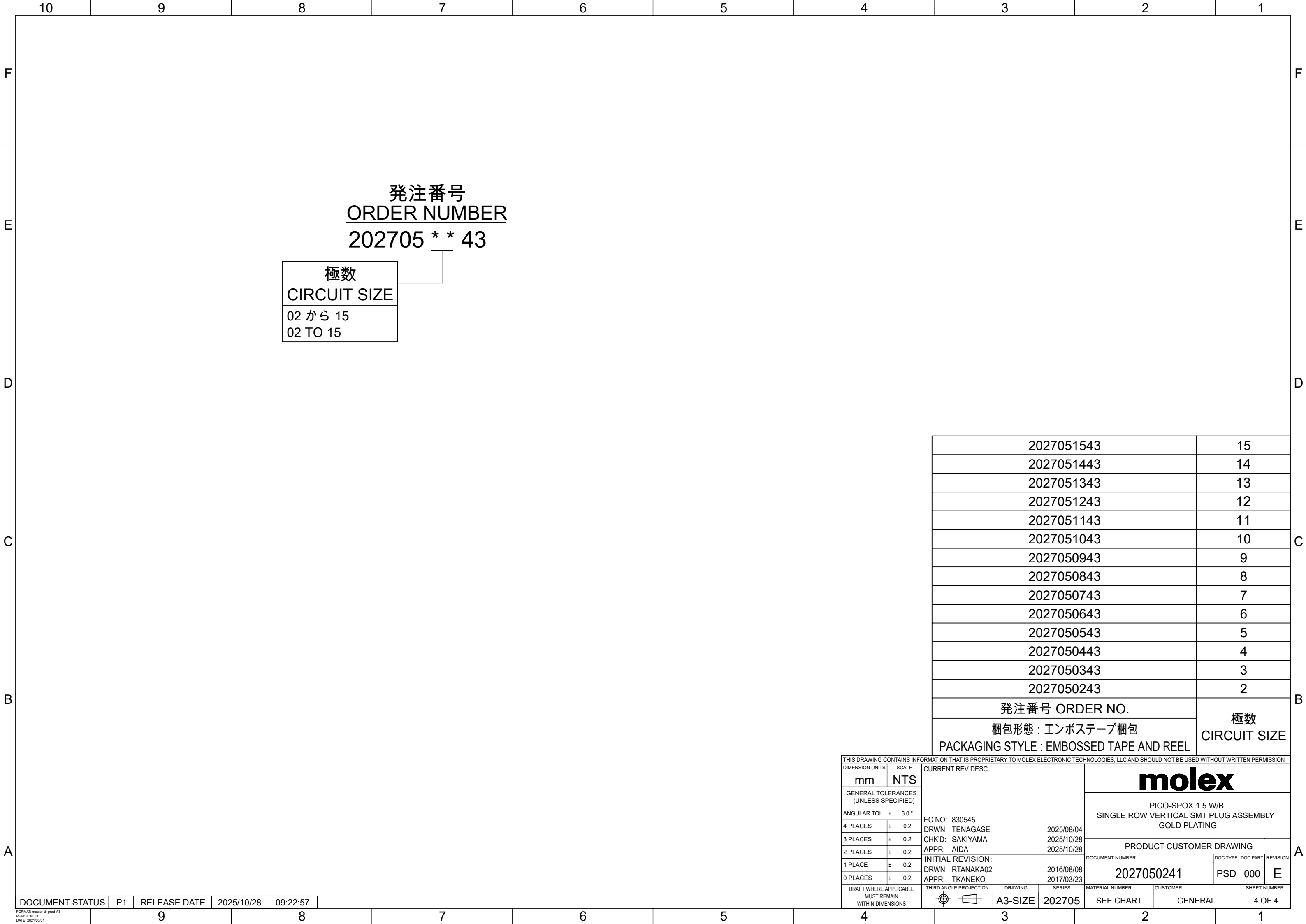
△5 嵌合図
MATED CONNECTORS



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: 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								
GENERAL TOLERANCES (UNLESS SPECIFIED)						PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 3.0 °						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
4 PLACES ± 0.2						2027050241		PSD	000	E
3 PLACES ± 0.2			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
2 PLACES ± 0.2										
1 PLACE ± 0.2										
0 PLACES ± 0.2			SEE SHEET 4		GENERAL		2 OF 4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES					
			A3-SIZE	202705						

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





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	

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28	09:22:57
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0 °											
4 PLACES ± 0.2											
3 PLACES ± 0.2				EC NO: 830545 DRWN: TENAGASE							