

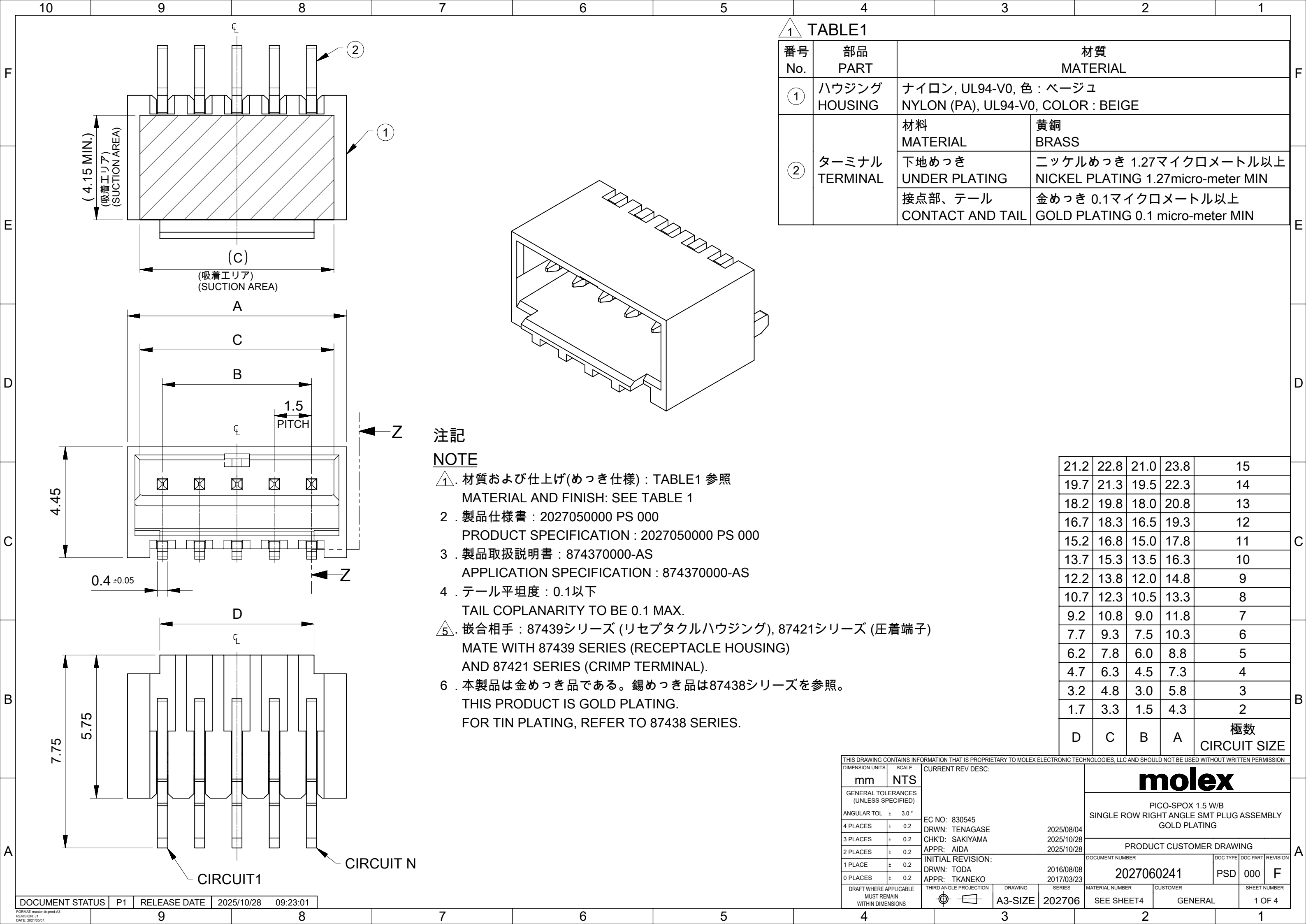


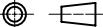
TABLE1			
番号 No.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
②	ターミナル TERMINAL	材料 MATERIAL	黄銅 BRASS
		下地めっき UNDER PLATING	ニッケルめっき 1.27マイクロメートル以上 NICKEL PLATING 1.27micro-meter MIN
		接点部、テール CONTACT AND TAIL	金めっき 0.1マイクロメートル以上 GOLD PLATING 0.1 micro-meter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

注記

NOTE

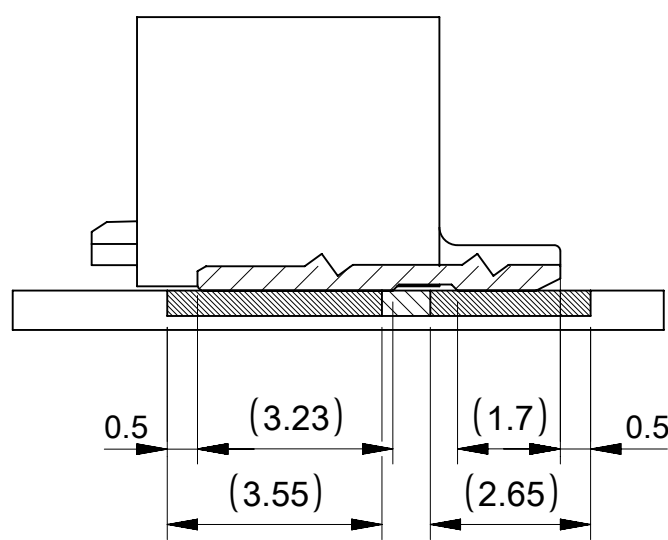
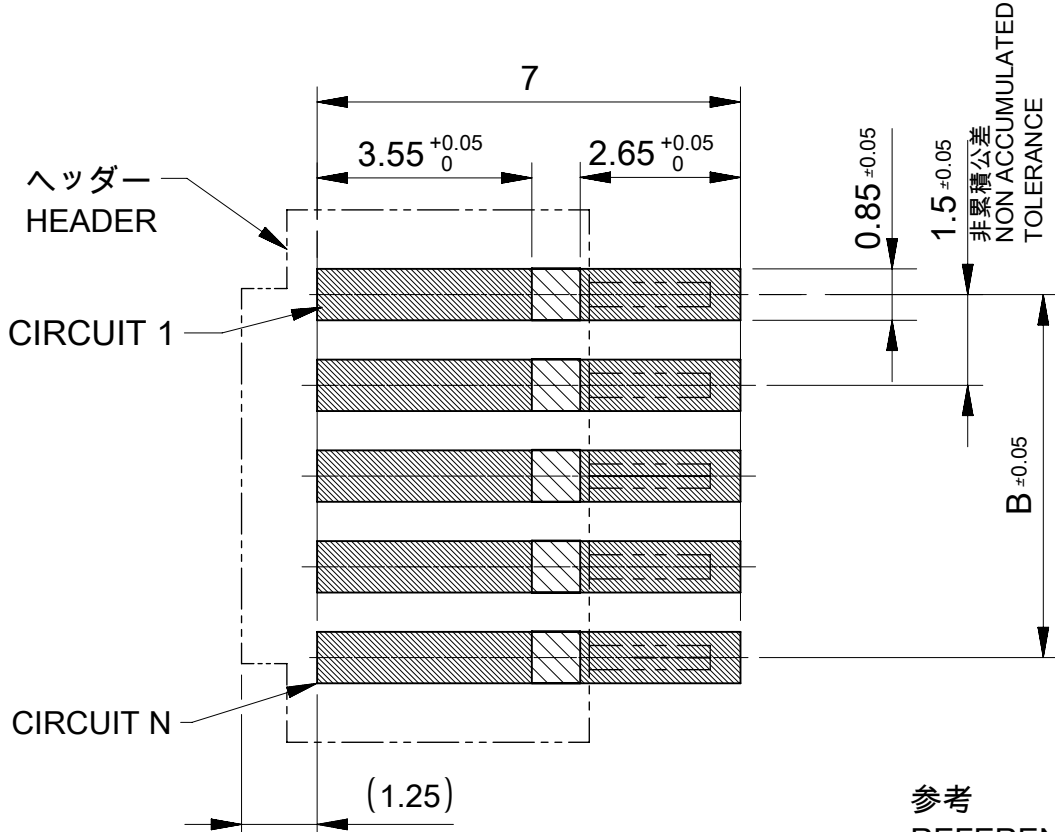
- ①. 材質および仕上げ(めっき仕様) : TABLE1 参照
MATERIAL AND FINISH: SEE TABLE 1
- 2 . 製品仕様書 : 2027050000 PS 000
PRODUCT SPECIFICATION : 2027050000 PS 000
- 3 . 製品取扱説明書 : 874370000-AS
APPLICATION SPECIFICATION : 874370000-AS
- 4 . テール平坦度 : 0.1以下
TAIL COPLANARITY TO BE 0.1 MAX.
- ⑤. 嵌合相手 : 87439シリーズ (リセプタクルハウジング), 87421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87438シリーズを参照。
THIS PRODUCT IS GOLD PLATING.
FOR TIN PLATING, REFER TO 87438 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

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: 830545 DRWN: TENAGASE 2025/08/04 CHK'D: SAKIYAMA 2025/10/28 APPR: AIDA 2025/10/28				PICO-SPOX 1.5 W/B SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY GOLD PLATING	
ANGULAR TOL ± 3.0°									
4 PLACES		± 0.2		INITIAL REVISION: DRWN: TODA 2016/08/08 APPR: TKANEKO 2017/03/23				PRODUCT CUSTOMER DRAWING	
3 PLACES		± 0.2							
2 PLACES		± 0.2		DOCUMENT NUMBER 2027060241				DOC TYPE PSD	
1 PLACE		± 0.2							
0 PLACES		± 0.2		DOC PART 000				REVISION F	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION				DRAWING A3-SIZE		SERIES 202706		MATERIAL NUMBER SEE SHEET4	
								CUSTOMER GENERAL	
								SHEET NUMBER 1 OF 4	

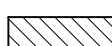
DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28	09:23:01
-----------------	----	--------------	------------	----------

推奨基板レイアウト
RECOMMENDED PCB LAYOUT

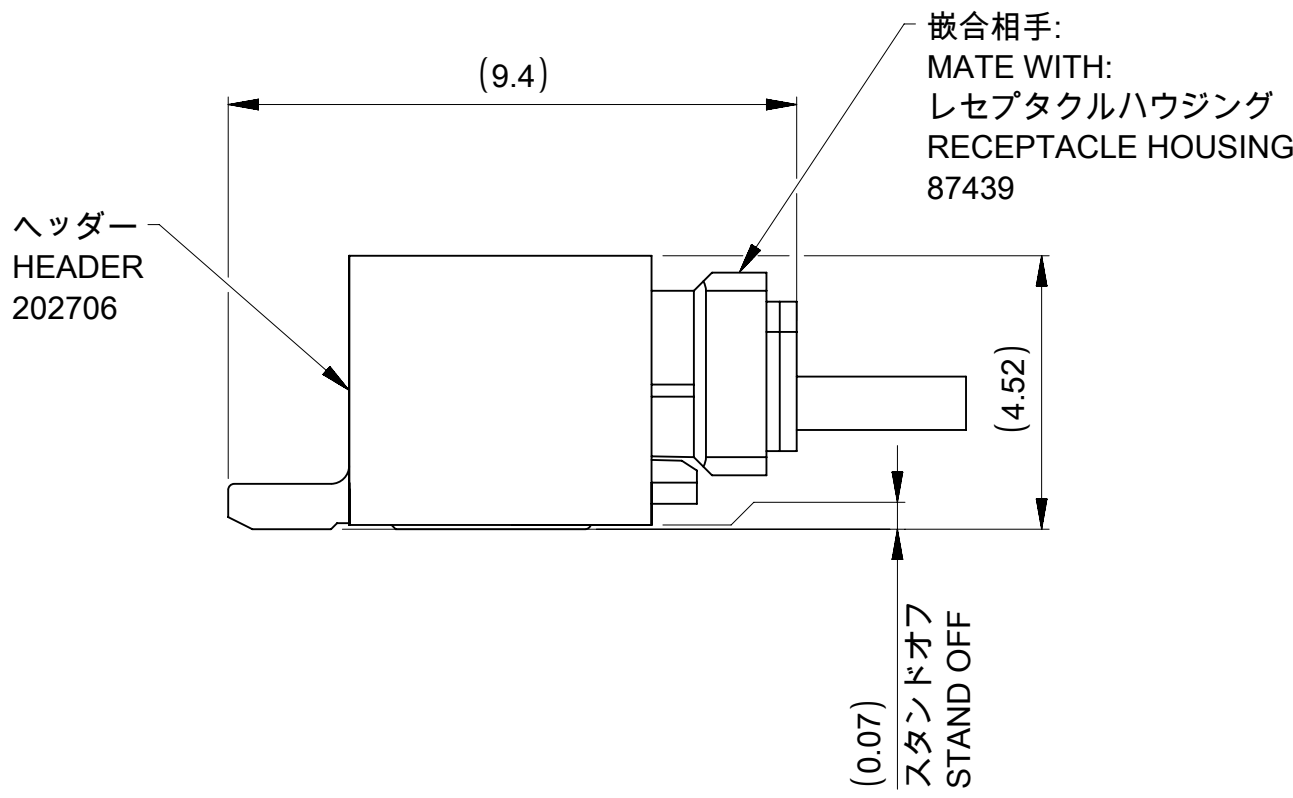


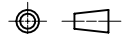
SECTION Z-Z

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%.

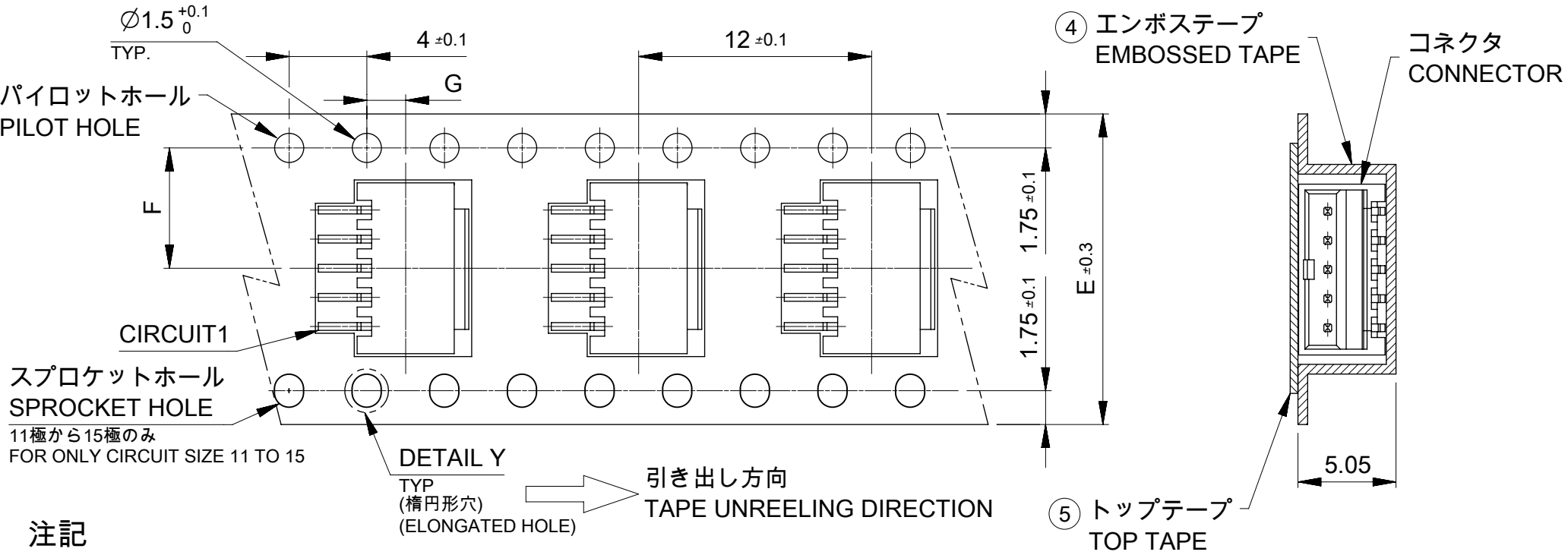
-  : 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)
-  : 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

△5 嵌合図
MATED CONNECTORS



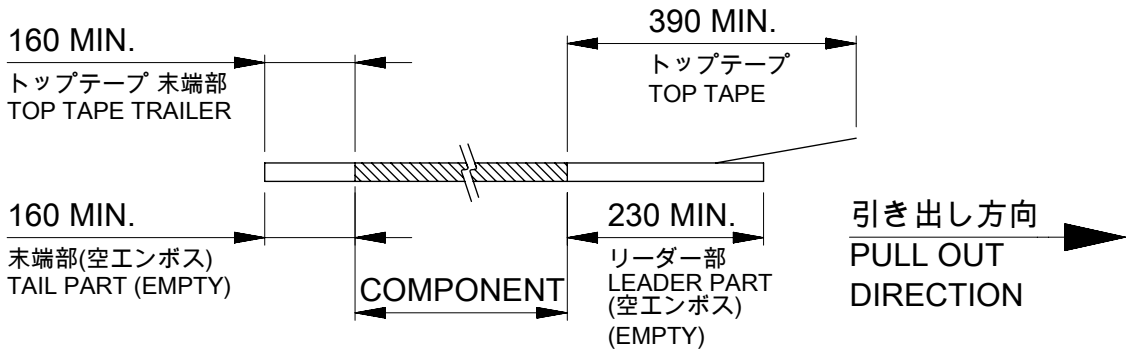
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 830545 DRWN: TENAGASE 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													
1 PLACE		± 0.2		PICO-SPOX 1.5 W/B SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY GOLD PLATING											
0 PLACES		± 0.2													
INITIAL REVISION:				PRODUCT CUSTOMER DRAWING											
DRWN: TODA 2016/08/08				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
APPR: TKANEKO 2017/03/23				2027060241				PSD		000		F			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		202706		SEE SHEET4		GENERAL		2 OF 4	

エンボス梱包 詳細
EMBOSSED CARRIER TAPE PACKING DETAILS

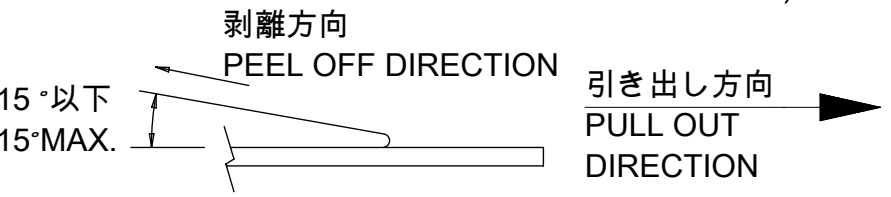


注記
NOTE

7. リーダー部および末端部テープ長さ
LEADER AND TRAILER TAPE LENGTH

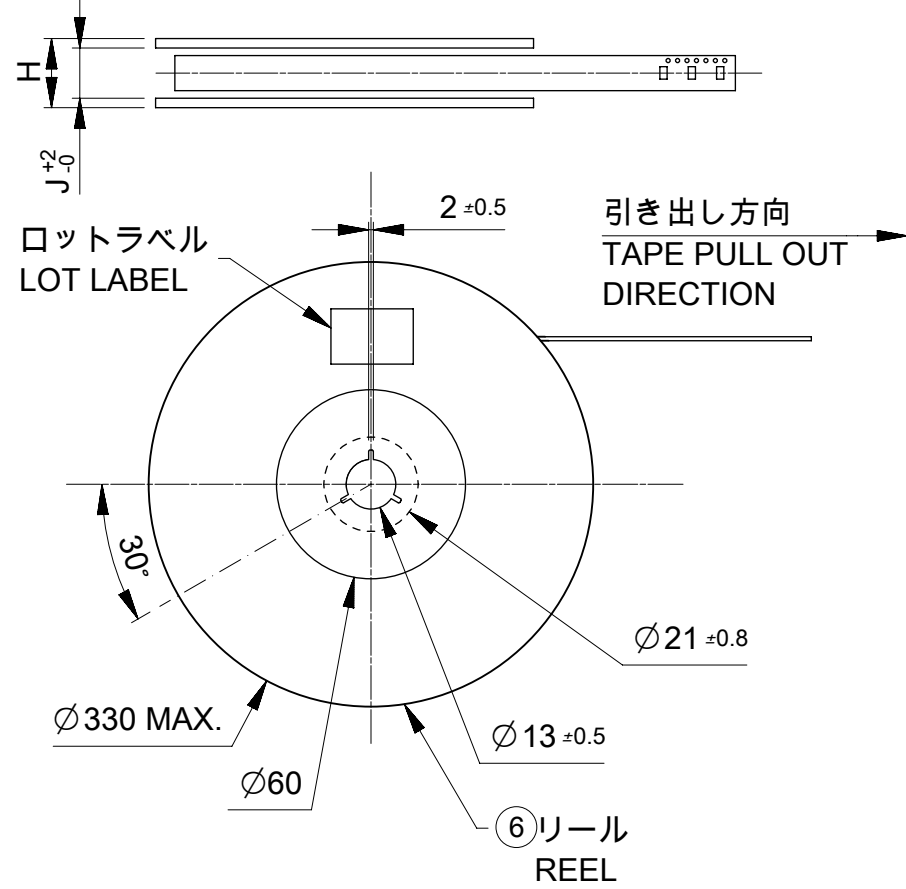


8. トップテープの剥離強度：IEC60286-3に準拠。
PEELING OFF FORCE OF THE TOP TAPE: DEFINED IEC60286-3.
(剥離方向は下図を参照)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

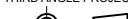


9. EIA-481に準拠する。
PACKAGING STANDARD IS AS PER EIA-481.
10. 梱包数量=1000個/リール
TAPE & REEL QUANTITY=1000PCS/REEL
11. 本製品は乾燥剤入りハイバリア梱包での納品となる。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESICCANT.
12. 梱包仕様書：2027069200 PS 200
PACKING INFORMATION：2027069200 PS 200

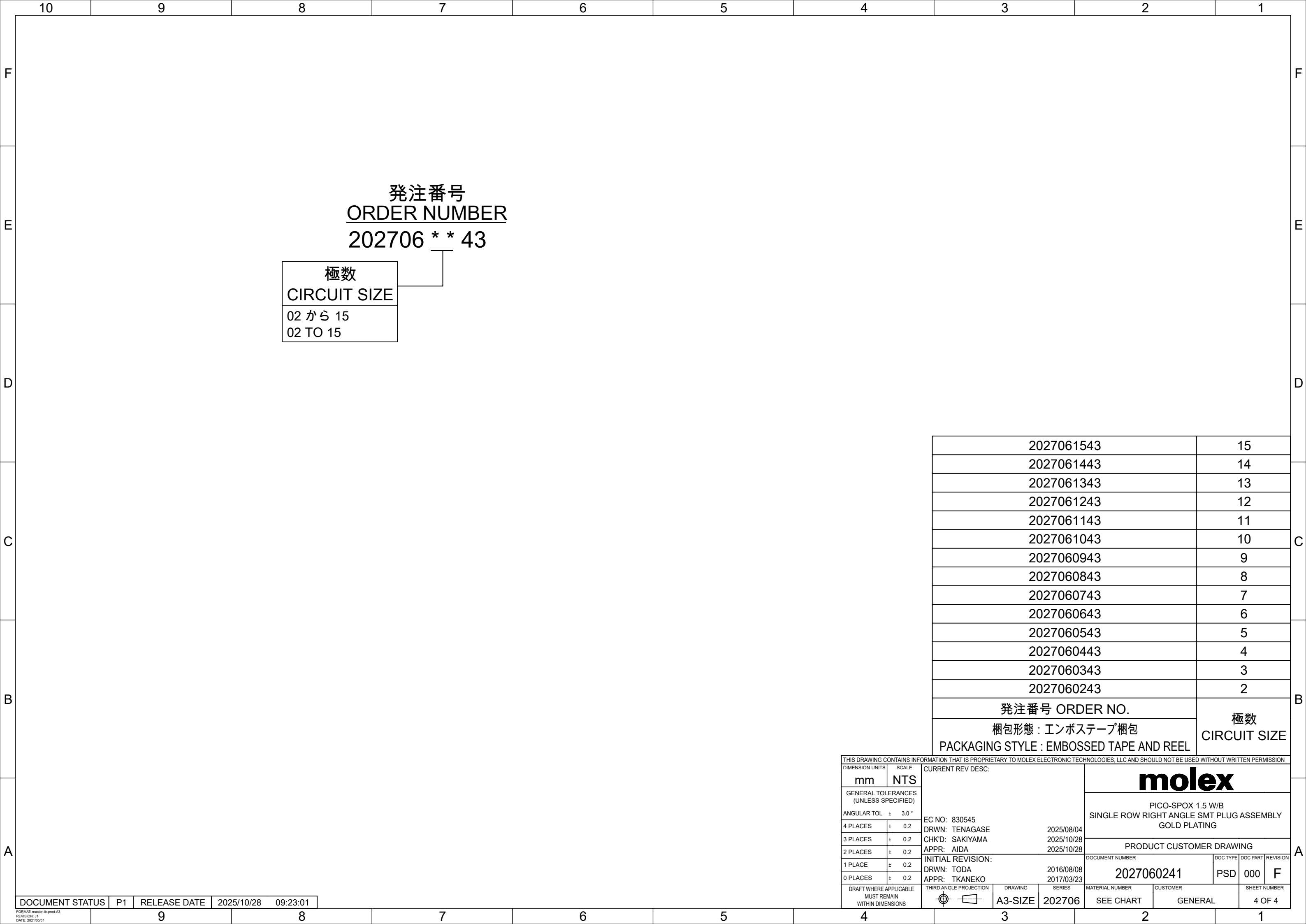
リール 詳細
REEL DETAILS



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

番号 NO.	部品 PART	材質 MATERIAL	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex PICO-SPOX 1.5 W/B SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY GOLD PLATING PRODUCT CUSTOMER DRAWING							
			DIMENSION UNITS	SCALE										
④	エンボステープ EMBOSSSED TAPE	ポリスチレン POLYSTYRENE (PS)	mm	NTS	EC NO: 830545 DRWN: TENAGASE CHK'D: SAKIYAMA APPR: AIDA 2025/08/04 2025/10/28 2025/10/28		DOCUMENT NUMBER 2027060241		DOC TYPE PSD		DOC PART 000		REVISION F	
			GENERAL TOLERANCES (UNLESS SPECIFIED)											
			ANGULAR TOL ± 3.0°											
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)	4 PLACES	± 0.2	INITIAL REVISION: DRWN: TODA APPR: TKANEKO 2016/08/08 2017/03/23		MATERIAL NUMBER SEE SHEET4		CUSTOMER GENERAL		SHEET NUMBER 3 OF 4			
			3 PLACES	± 0.2										
			2 PLACES	± 0.2										
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)	1 PLACE	± 0.2	THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 202706					
			0 PLACES	± 0.2										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

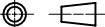
DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28	09:23:01
-----------------	----	--------------	------------	----------



発注番号
ORDER NUMBER
202706 * * 43

極数 CIRCUIT SIZE
02 から 15 02 TO 15

2027061543	15
2027061443	14
2027061343	13
2027061243	12
2027061143	11
2027061043	10
2027060943	9
2027060843	8
2027060743	7
2027060643	6
2027060543	5
2027060443	4
2027060343	3
2027060243	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	

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-SPOX 1.5 W/B SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY GOLD PLATING					
ANGULAR TOL ± 3.0 °													
4 PLACES ± 0.2													
3 PLACES ± 0.2				EC NO: 830545				PRODUCT CUSTOMER DRAWING					
2 PLACES ± 0.2				DRWN: TENAGASE 2025/08/04									
1 PLACE ± 0.2				CHK'D: SAKIYAMA 2025/10/28									
0 PLACES ± 0.2				APPR: AIDA 2025/10/28				DOCUMENT NUMBER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:				2027060241		DOC TYPE	DOC PART	REVISION	
				DRWN: TODA 2016/08/08				PSD		000		F	
				APPR: TKANEKO 2017/03/23									
THIRD ANGLE PROJECTION 				DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				A3-SIZE	202706	SEE CHART		GENERAL		4 OF 4			

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28	09:23:01
-----------------	----	--------------	------------	----------

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

9

8

7

6

5

4

3

2

1