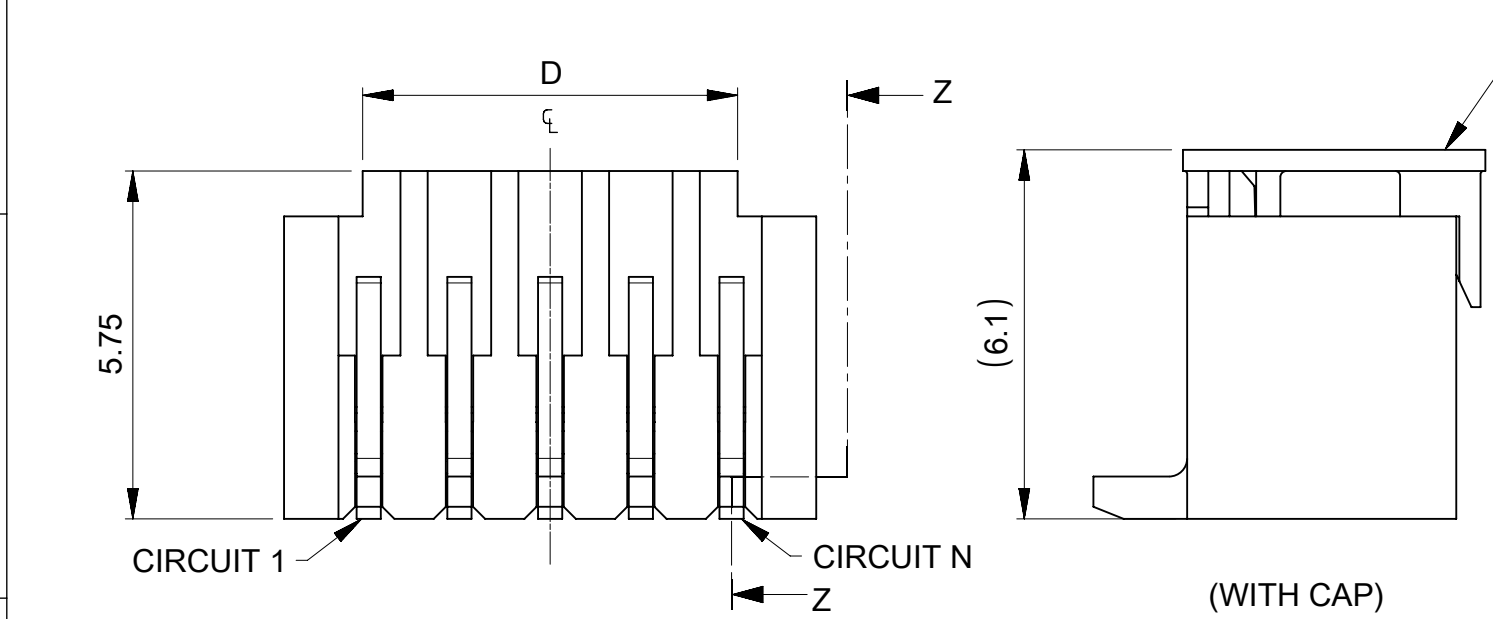
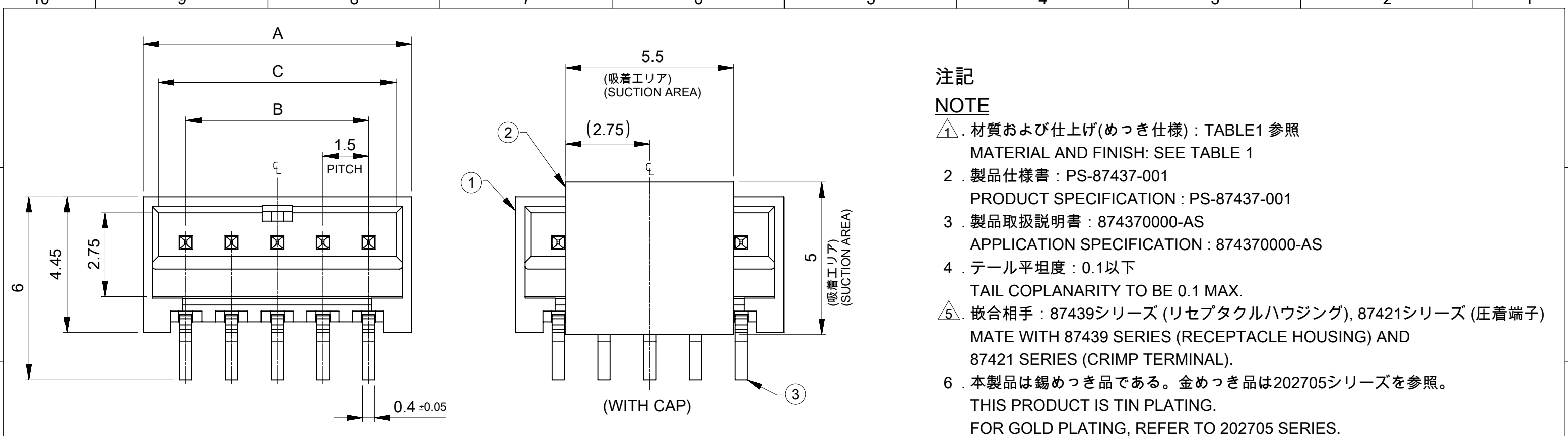
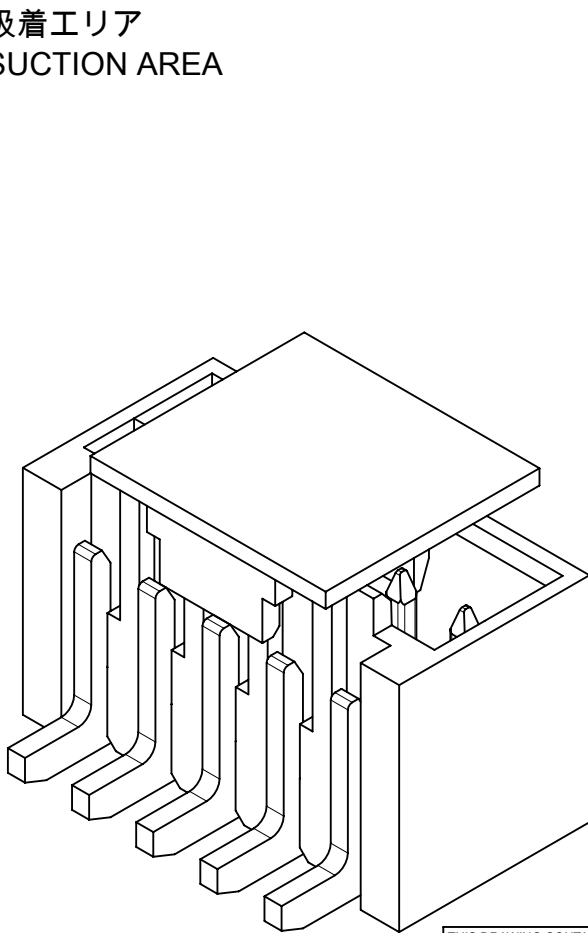
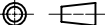




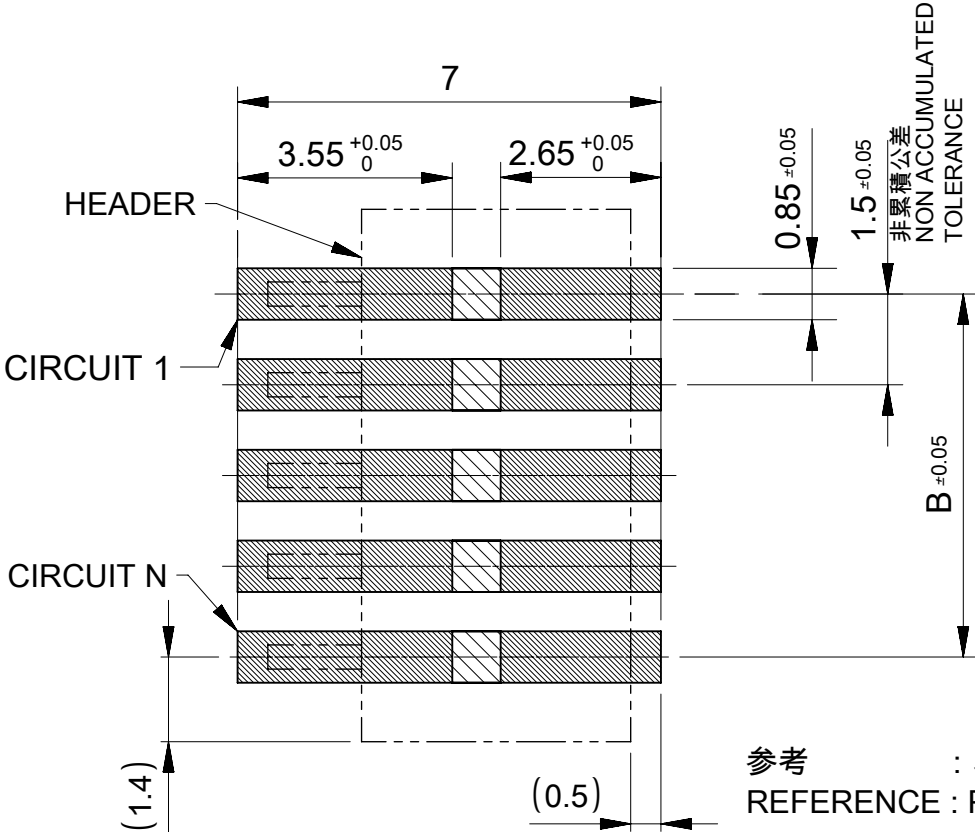
① TABLE1						
番号 No.		部品 PART	材質 MATERIAL			
①		ハウジング HOUSING	ナイロン, UL94-V0, 色 : 自然色(ベージュ) /黒 NYLON (PA), UL94-V0, COLOR : NATURAL(BEIGE) /BLACK			
②		キャップ CAP	ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE			
③		ターミナル TERMINAL	材料 MATERIAL		黄銅 BRASS	
			下地めっき UNDER PLATING		ニッケルめっき 1.27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		無光沢錫めっき 2.54マイクロメートル以上 MATTE TIN PLATING 2.54 micro-meter MIN	
DOCUMENT STATUS		P1	RELEASE DATE	2026/03/05	07:06:55	



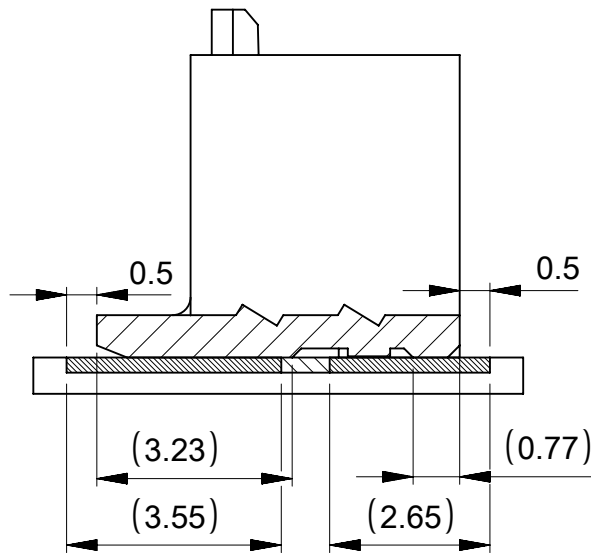
21.2	22.8	21.0	23.8	15
19.7	21.3	19.5	22.3	14
18.2	19.8	18.0	20.8	13
16.7	18.3	16.5	19.3	12
15.2	16.8	15.0	17.8	11
13.7	15.3	13.5	16.3	10
12.2	13.8	12.0	14.8	9
10.7	12.3	10.5	13.3	8
9.2	10.8	9.0	11.8	7
7.7	9.3	7.5	10.3	6
6.2	7.8	6.0	8.8	5
4.7	6.3	4.5	7.3	4
3.2	4.8	3.0	5.8	3
1.7	3.3	1.5	4.3	2
D	C	B	A	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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919			molex PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)					
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 849128 DRWN: RAGHAH3 2026/03/02 CHK'D: GGA 2026/03/05 APPR: GGA 2026/03/05								
ANGULAR TOL ± 3.0 °												
4 PLACES		± 0.2										
3 PLACES		± 0.2										
2 PLACES		± 0.2										
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER 874370231-SD			DOC TYPE PSD	DOC PART 000	REVISION B2
0 PLACES		± 0.2										
INITIAL REVISION:				DRWN: RTANAKA02 2018/11/21 APPR: SAKIYAMA 2019/04/26			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRWN: RTANAKA02 2018/11/21 APPR: SAKIYAMA 2019/04/26												
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
		A3-SIZE		87437		SEE SHEET 5		GENERAL		1 OF 5		

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

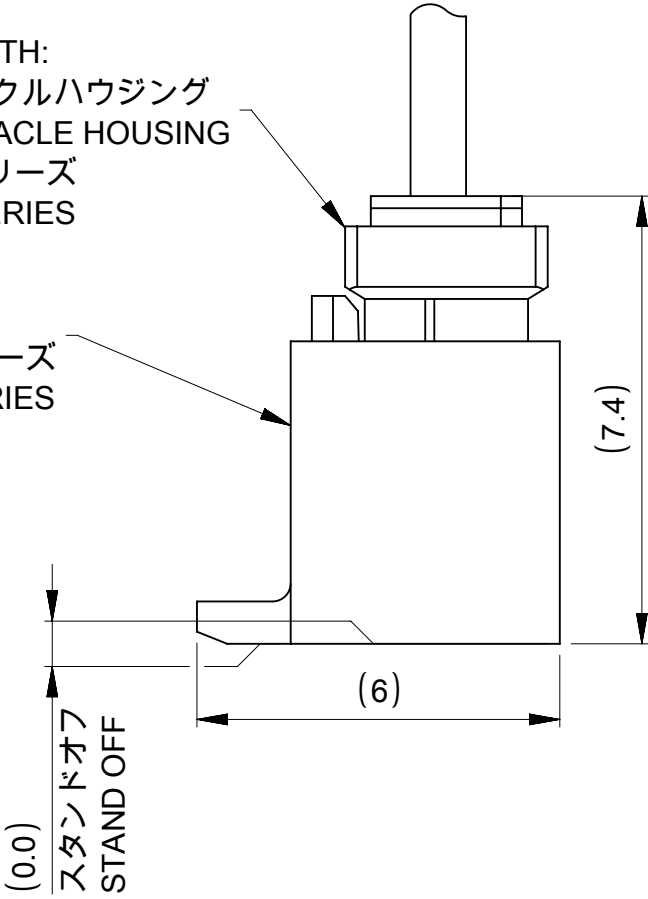
 : 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)

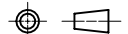
 : 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

△5 嵌合図
MATED CONNECTORS

嵌合相手
MATE WITH:
レセプタクルハウジング
RECEPTACLE HOUSING
87439シリーズ
87439 SERIES

ヘッダー
HEADER
87437シリーズ
87437 SERIES

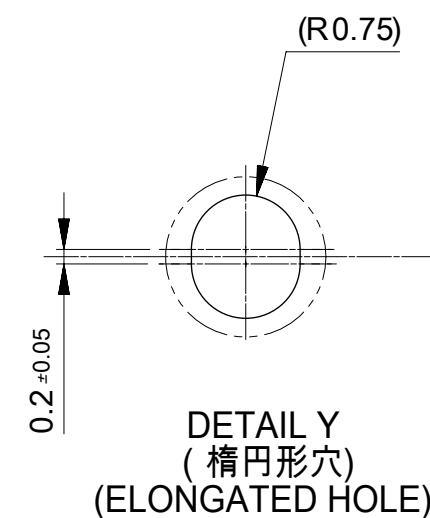
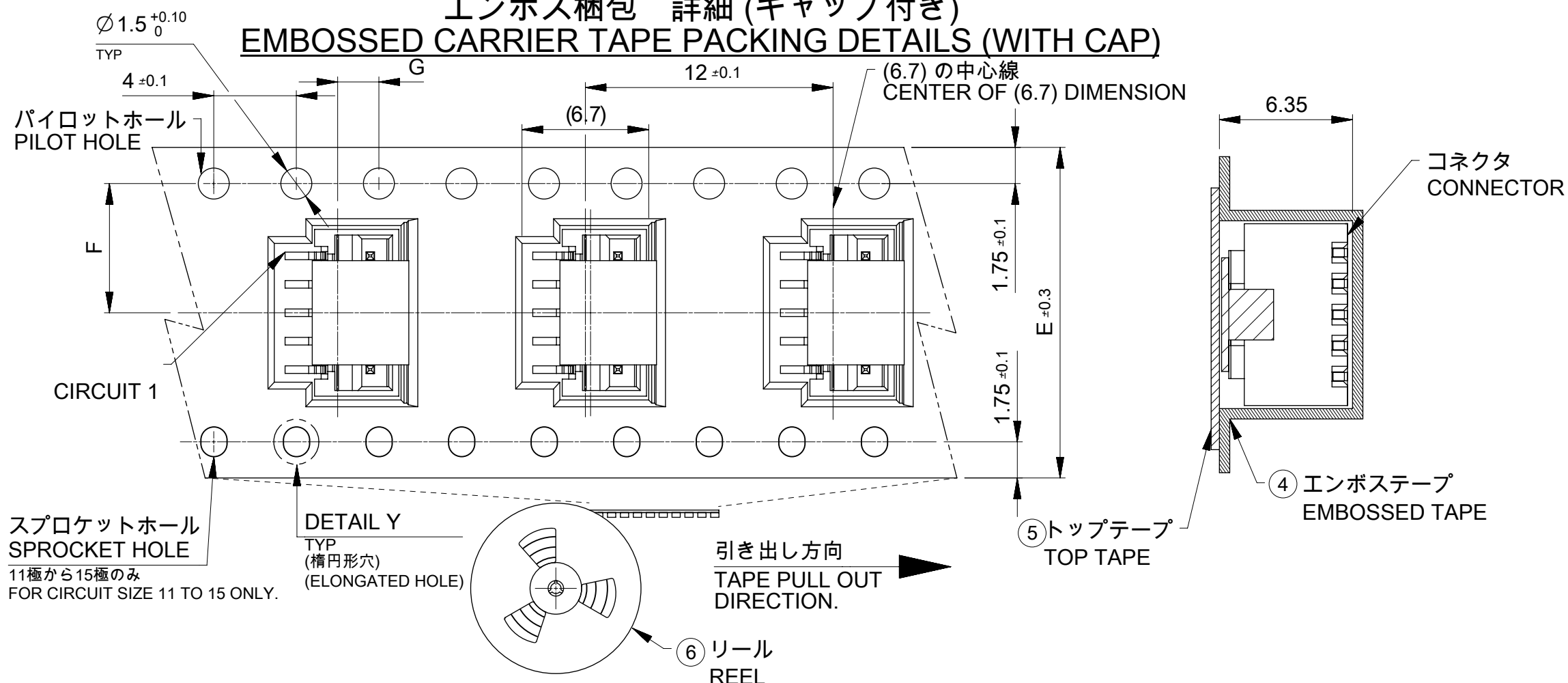


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 849128 DRWN: RAGHAH32026/03/02 CHK'D: GGA2026/03/05 APPR: GGA2026/03/05 INITIAL REVISION: DRWN: RTANAKA022018/11/21 APPR: SAKIYAMA2019/04/26					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2							
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	
						A3-SIZE		87437	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE SHEET 5		GENERAL		2 OF 5	

DOCUMENT STATUS		P1	RELEASE DATE	2026/03/05	07:06:55
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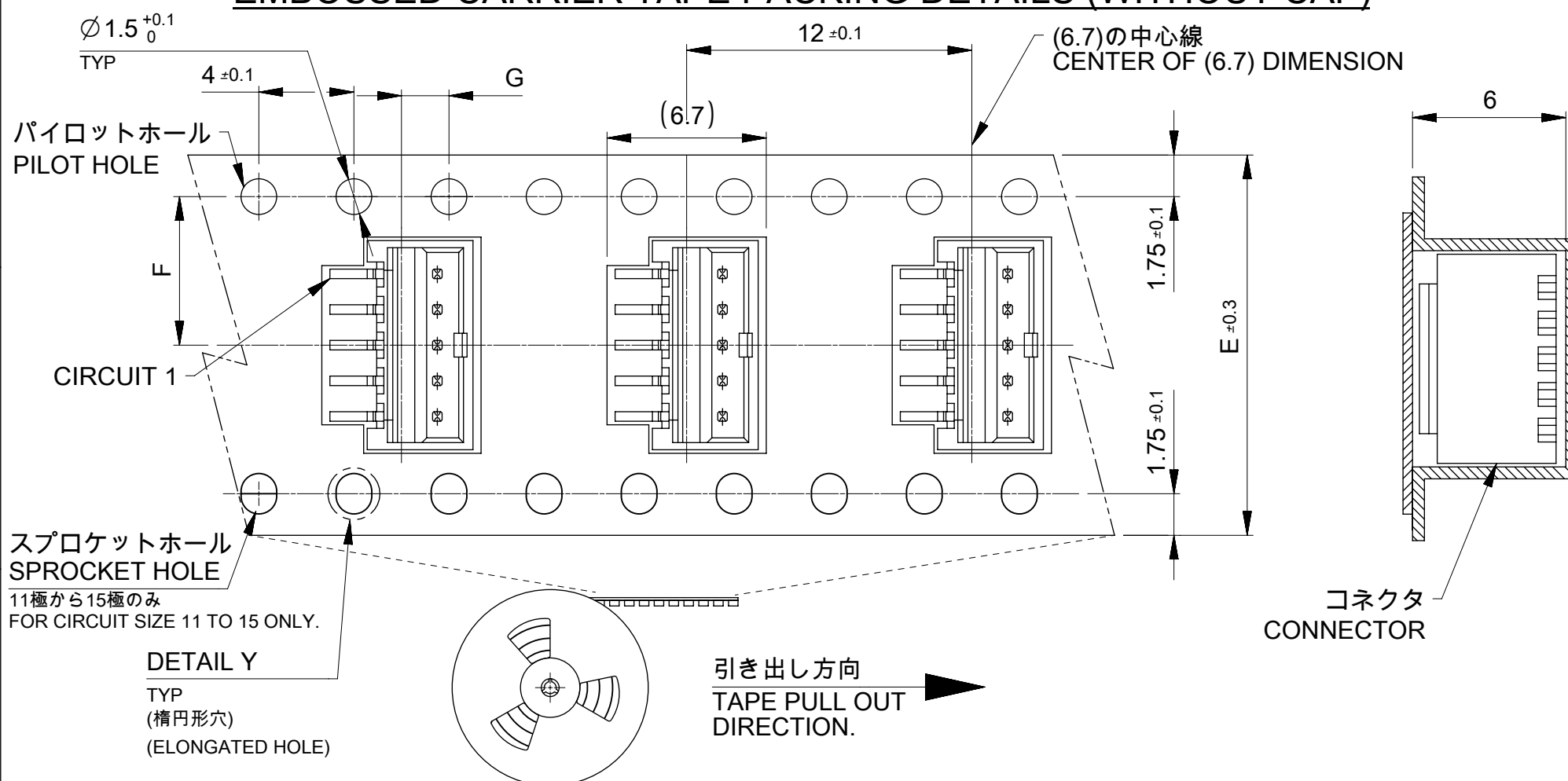
molex	
PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)	
PRODUCT CUSTOMER DRAWING	
DOCUMENT NUMBER	874370231-SD
DOC TYPE	PSD
DOC PART	000
REVISION	B2

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



番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	ポリスチレン POLYSTYRENE (PS)
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)

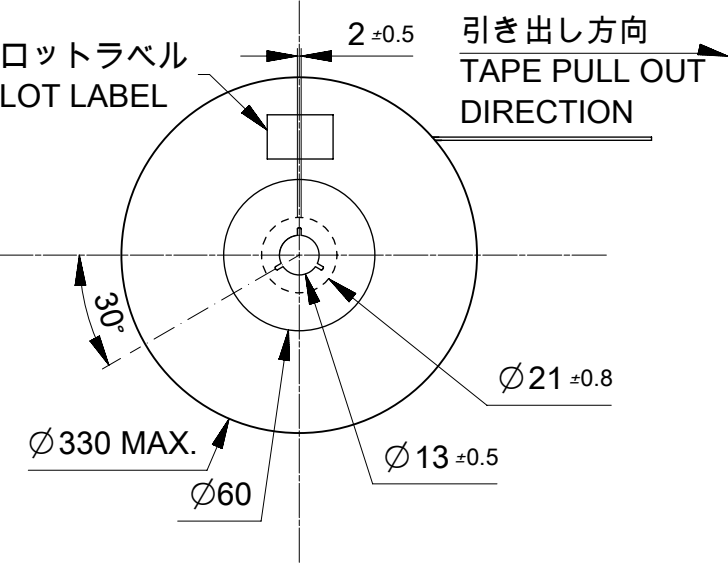
エンボス梱包 詳細 (キャップなし)
EMBOSSSED CARRIER TAPE PACKING DETAILS (WITHOUT CAP)



2±0.15	20.2±0.15	44	15
2±0.1	14.2±0.1	32	14
			13
			12
			11
	11.5±0.1	24	10
			9
			8
			7
	7.5±0.1	16	6
			5
			4
			3
			2
G	F	E	極數 CIRCUIT SIZE

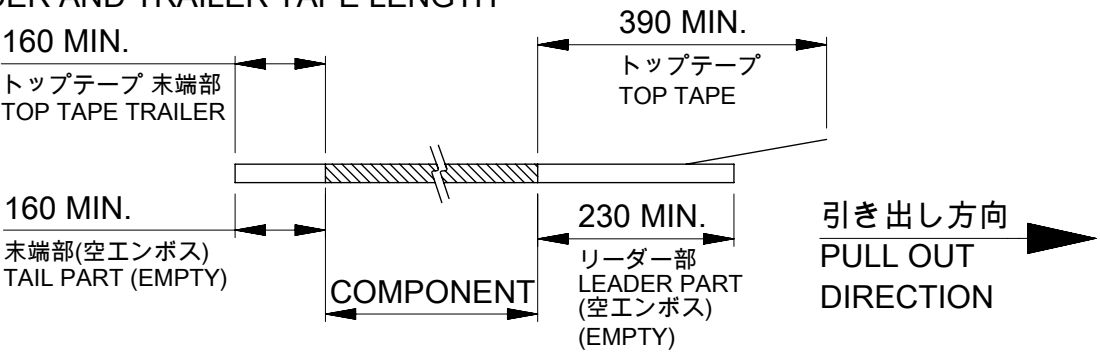
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919					molex								
mm		NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)								PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)								
ANGULAR TOL ± 3.0°																
4 PLACES		± 0.2	EC NO: 849128					PRODUCT CUSTOMER DRAWING								
3 PLACES		± 0.2	DRWN: RAGHAH3 2026/03/02													
2 PLACES		± 0.2	CHK'D: GGA 2026/03/05													
1 PLACE			± 0.2	APPR: GGA 2026/03/05					DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION
0 PLACES			± 0.2	INITIAL REVISION:												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	874370231-SD					PSD	000	B2		
					A3-SIZE	87437	MATERIAL NUMBER					CUSTOMER		SHEET NUMBER		
							SEE SHEET 5					GENERAL		3 OF 5		

リール 詳細
REEL DETAILS

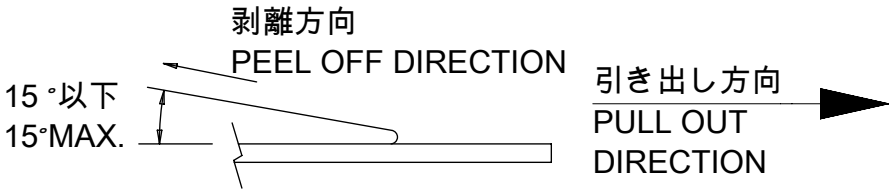


注記
NOTE

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
TAPE & REEL QUANTITY
キャップ付き : 900個/リール
WITH CAP : 900PCS/REEL
キャップなし : 1000個/リール
WITHOUT CAP : 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 : SPK-87437-001
PACKING INFORMATION : SPK-87437-001

44.4	50.4	15
32.4	38.4	14
		13
		12
		11
24.4	30.4	10
		9
		8
		7
16.4	22.4	6
		5
		4
		3
		2
J	H MAX	極数 CIRCUIT SIZE

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DIMENSION UNITS		SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919					molex						
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± 3.0 °														
4 PLACES		± 0.2	EC NO: 849128 DRWN: RAGHAH32026/03/02 CHK'D: GGA2026/03/05 APPR: GGA2026/03/05					PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)						
3 PLACES		± 0.2												
2 PLACES		± 0.2												
1 PLACE		± 0.2	INITIAL REVISION: DRWN: RTANAKA022018/11/21 APPR: SAKIYAMA2019/04/26					PRODUCT CUSTOMER DRAWING						
0 PLACES		± 0.2												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
					A3-SIZE	87437		874370231-SD		PSD	000	B2		
						A3-SIZE		87437		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
						A3-SIZE		87437		SEE SHEET 5		GENERAL		4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/05	07:06:55
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E

D

C

B

A

発注番号
ORDER NUMBER
87437 * * * 3

極数
CIRCUIT SIZE
02 から 15
02 TO 15

ハウジングカラー, キャップオプション
HOUSING COLOR AND CAP OPTION
4: ハウジングカラー : ベージュ, キャップ無
BEIGE COLOR HOUSING WITHOUT CAP
5: ハウジングカラー : 黒, キャップ無
BLACK COLOR HOUSING WITHOUT CAP
6: ハウジングカラー : 黒, キャップ有
BLACK COLOR HOUSING WITH CAP
7: ハウジングカラー : ベージュ, キャップ有
BEIGE COLOR HOUSING WITH CAP

有 WITH		無 WITHOUT	キャップ CAP
黒 BLACK	ベージュ BEIGE	ベージュ BEIGE	ハウジングカ ラー HOUSING COLOR
---	874371573	874371543	15
---	874371473	874371443	14
---	874371373	874371343	13
---	874371273	874371243	12
---	874371173	874371143	11
874371063	874371073	874371043	10
874370963	874370973	874370943	9
874370863	874370873	874370843	8
874370763	874370773	874370743	7
874370663	874370673	874370643	6
874370563	874370573	874370543	5
874370463	874370473	874370443	4
874370363	874370373	874370343	3
874370263	874370273	874370243	2
発注番号 ORDER NUMBER			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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919		molex PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)						
mm	NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 849128 DRWN: RAGHAH3 CHK'D: GGA APPR: GGA 2026/03/02 2026/03/05 2026/03/05		PRODUCT CUSTOMER DRAWING						
ANGULAR TOL	±			3.0 °	DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
4 PLACES	±			0.2	874370231-SD			PSD	000	B2
3 PLACES	±			0.2	INITIAL REVISION:					
2 PLACES	±			0.2	DRWN: RTANAKA02 APPR: SAKIYAMA 2018/11/21 2019/04/26					
1 PLACE	±	0.2	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
0 PLACES	±	0.2			A3-SIZE	87437	SEE CHART	GENERAL		5 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

DOCUMENT STATUS

P1

RELEASE DATE

2026/03/05

07:06:55

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