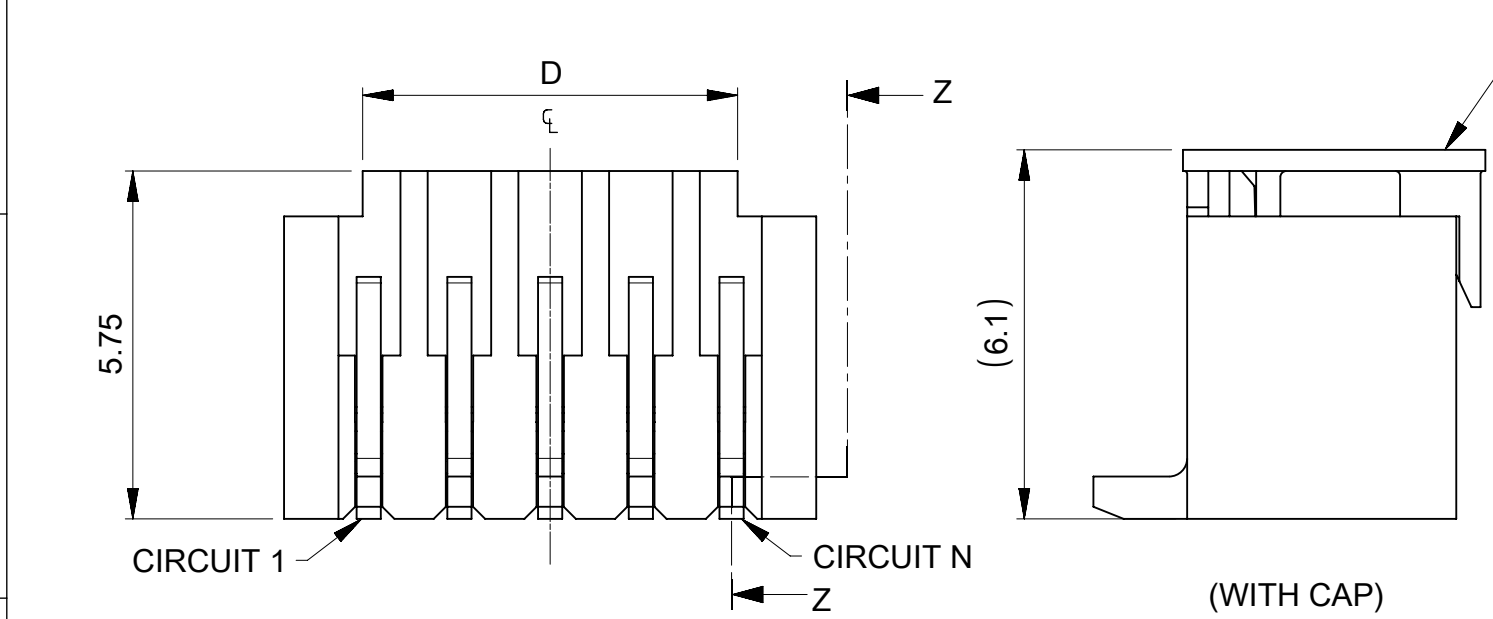
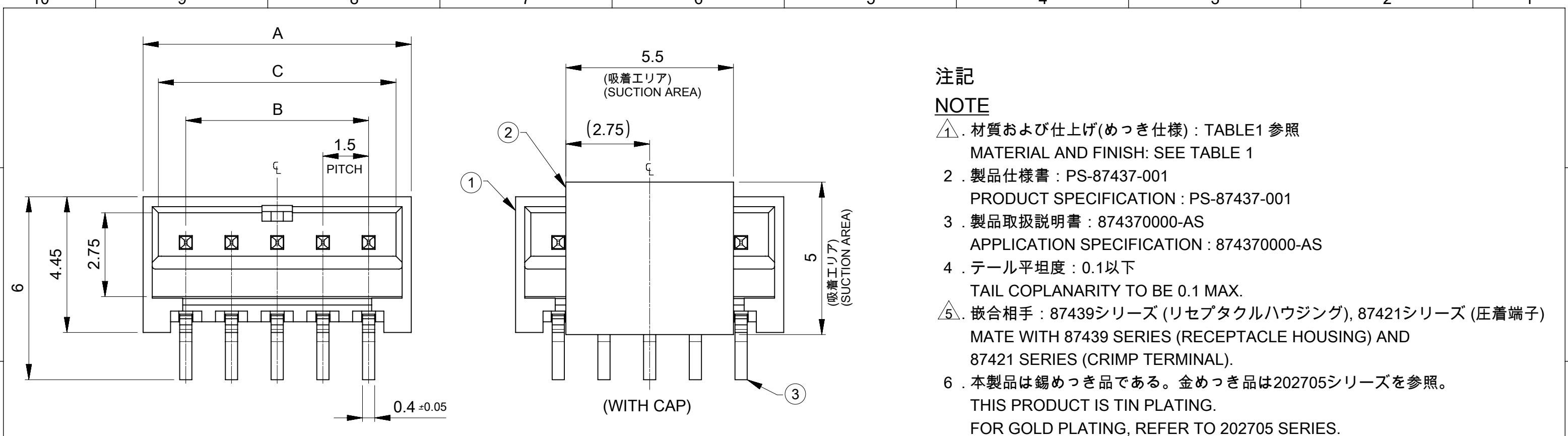
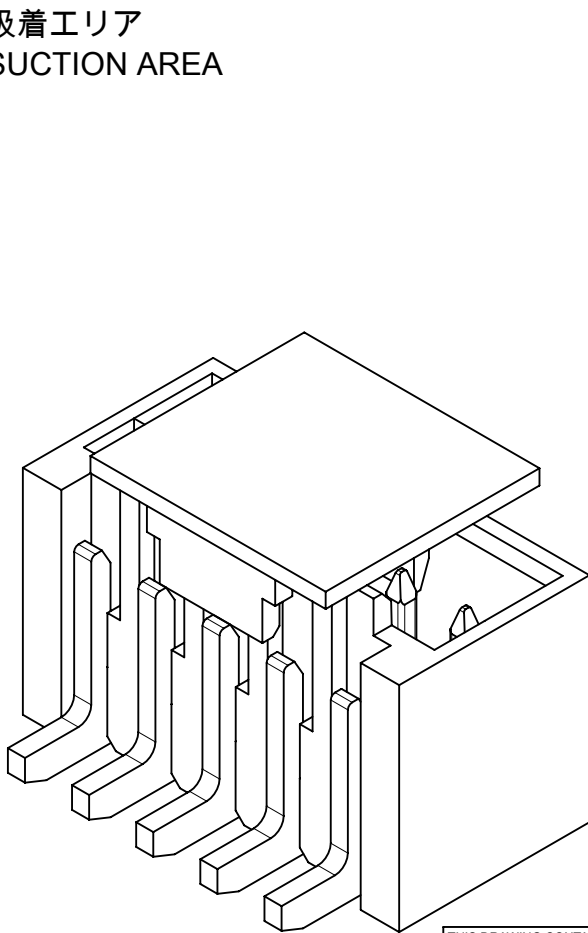




① TABLE1						
番号 No.		部品 PART	材質 MATERIAL			
①		ハウジング HOUSING	ナイロン, UL94-V0, 色 : 自然色(ベージュ) /黒 NYLON (PA), UL94-V0, COLOR : NATURAL(BEIGE) /BLACK			
②		キャップ CAP	ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE			
③		ターミナル TERMINAL	材料 MATERIAL		黄銅 BRASS	
			下地めっき UNDER PLATING		ニッケルめっき 1.27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
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
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	

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919

EC NO: 849128
DRWN: RAGHAH3
CHK'D: GGA
APPR: GGA

INITIAL REVISION:
DRWN: RTANAKA02
APPR: SAKIYAMA

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
87437

MATERIAL NUMBER
SEE SHEET 5

CUSTOMER
GENERAL

SHEET NUMBER
1 OF 5

2026/03/02
2026/03/05
2026/03/05

2018/11/21
2019/04/26

DOCUMENT NUMBER
874370231-SD

DOC TYPE
PSD

DOC PART
000

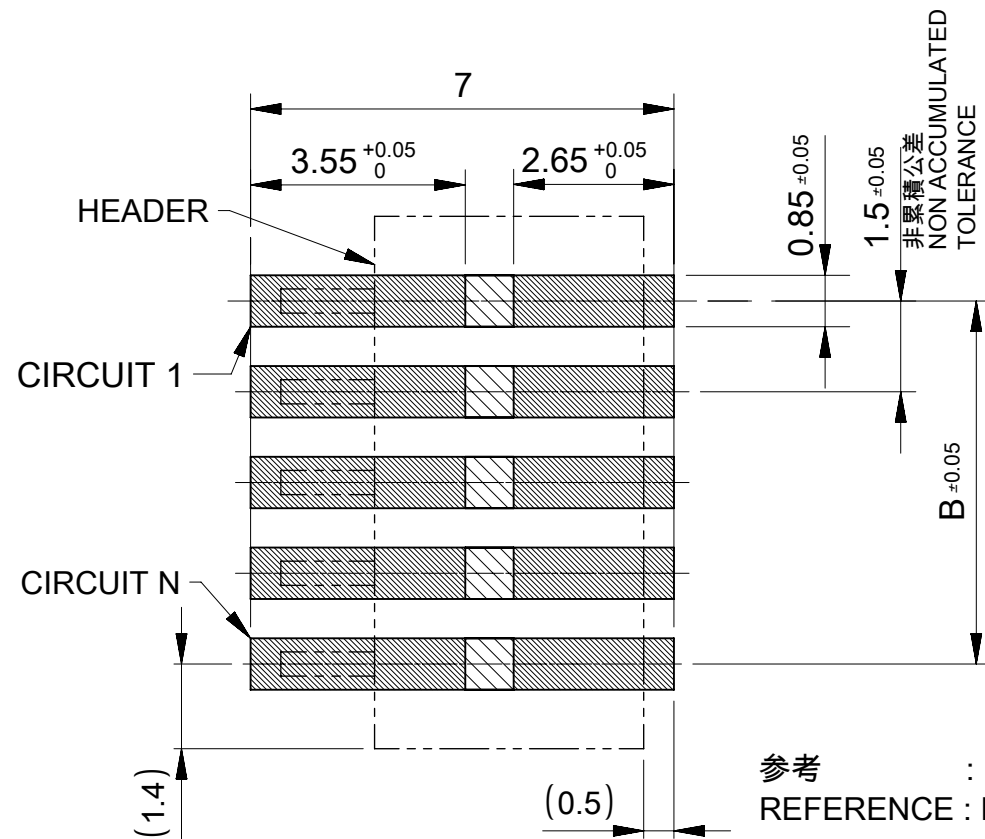
REVISION
B2

molex

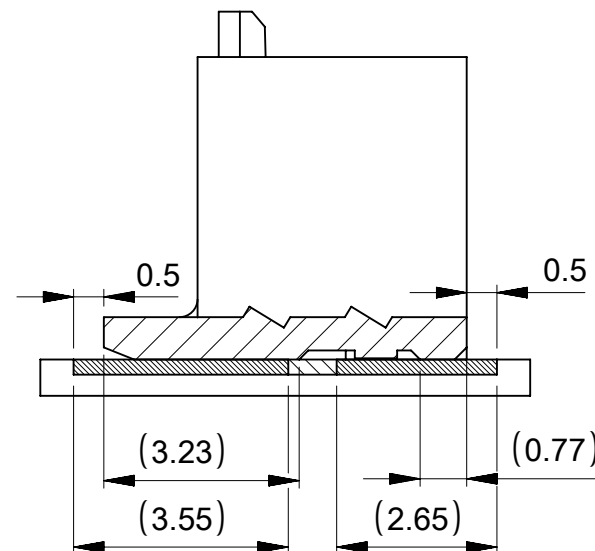
PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)

PRODUCT CUSTOMER DRAWING

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

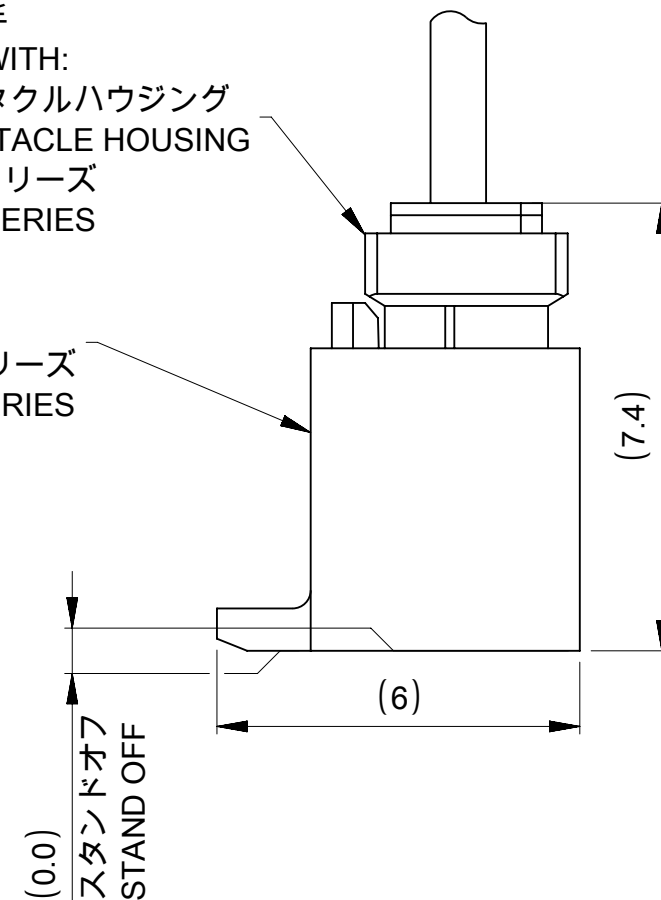
 : 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)

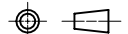
 : 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

△₅ 嵌合図
MATED CONNECTORS

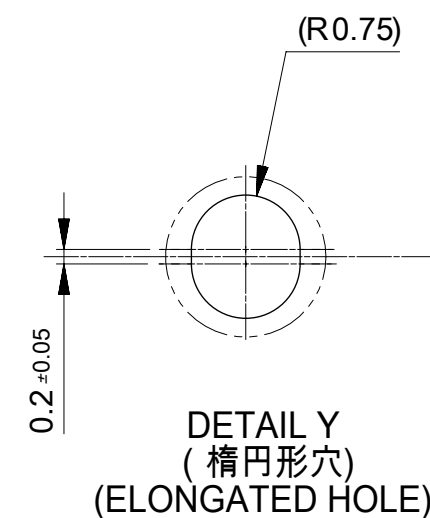
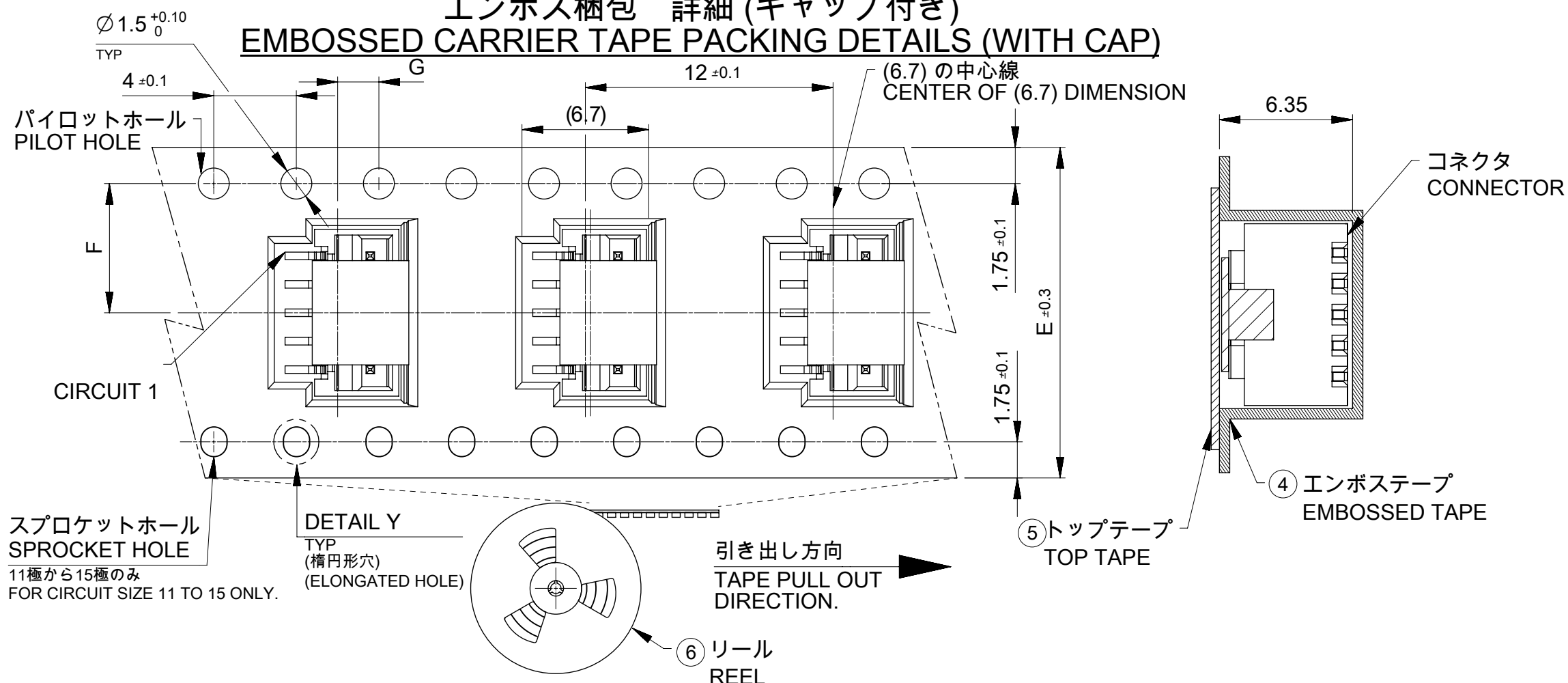
嵌合相手
MATE WITH:
レセプタクルハウジング
RECEPTACLE HOUSING
87439シリーズ
87439 SERIES

ヘッダー
HEADER
87437シリーズ
87437 SERIES



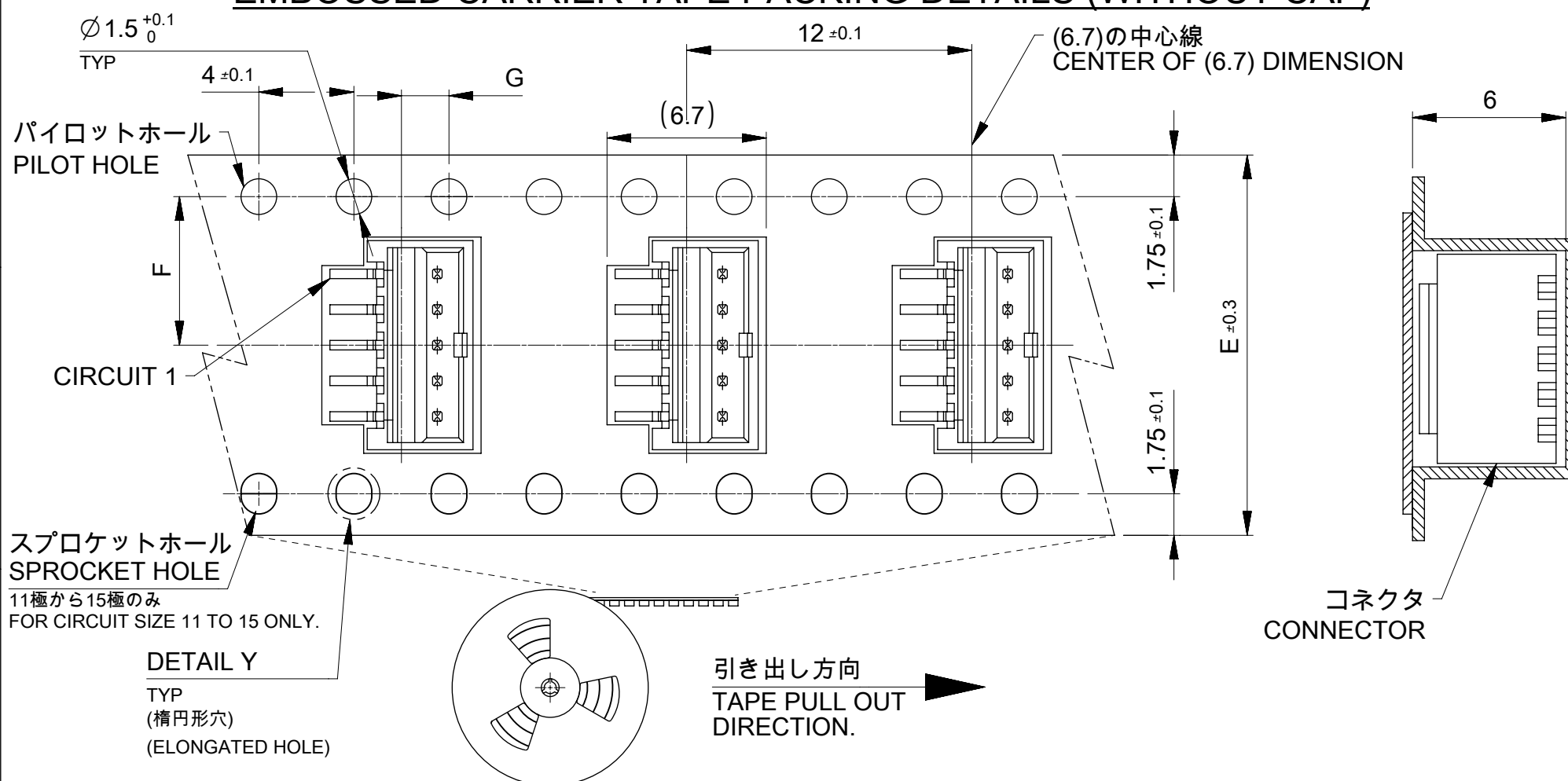
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				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					
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	

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

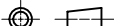


番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	ポリスチレン POLYSTYRENE (PS)
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)

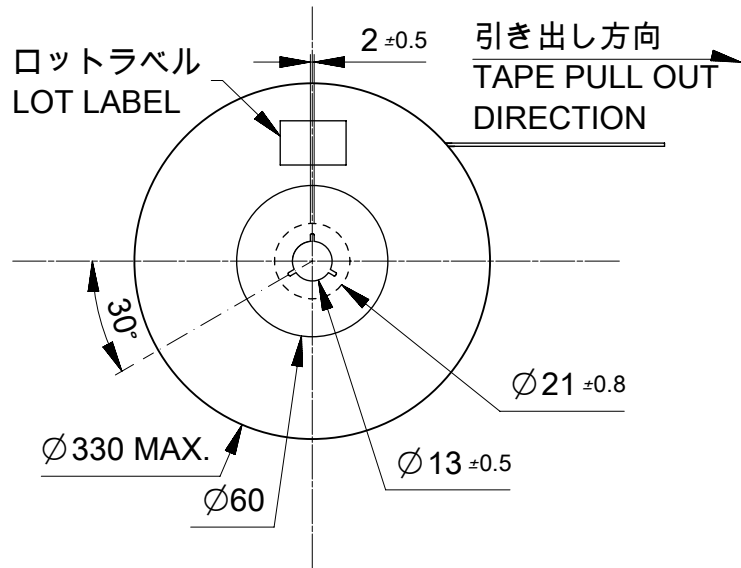
エンボス梱包 詳細 (キャップなし)
EMBOSSED CARRIER TAPE PACKING DETAILS (WITHOUT CAP)



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

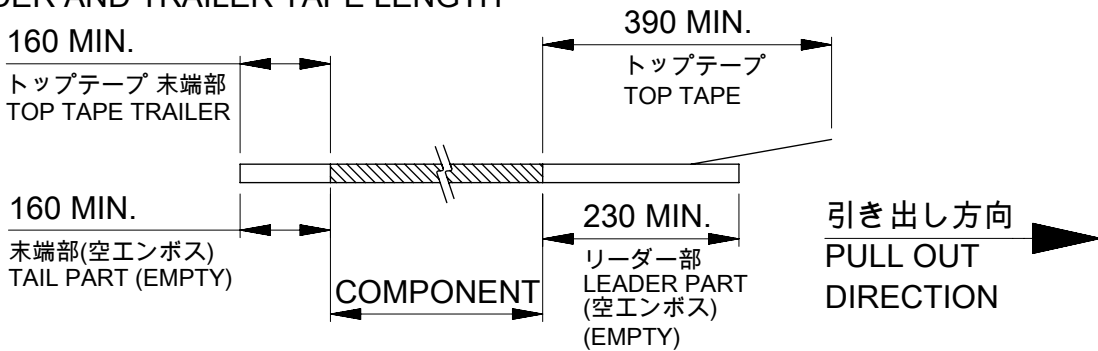
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#517919				molex									
mm		NTS															
GENERAL TOLERANCES (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 DRWN: RAGHAH3 2026/03/02 CHK'D: GGA 2026/03/05 APPR: GGA 2026/03/05				PRODUCT CUSTOMER DRAWING									
3 PLACES		± 0.2															
2 PLACES		± 0.2															
1 PLACE		± 0.2		INITIAL REVISION: DRWN: RTANAKA02 2018/11/21 APPR: SAKIYAMA 2019/04/26				DOCUMENT NUMBER 874370231-SD				DOC TYPE PSD		DOC PART 000		REVISION B2	
0 PLACES		± 0.2															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 87437		MATERIAL NUMBER SEE SHEET 5		CUSTOMER GENERAL		SHEET NUMBER 3 OF 5			

リール 詳細
REEL DETAILS

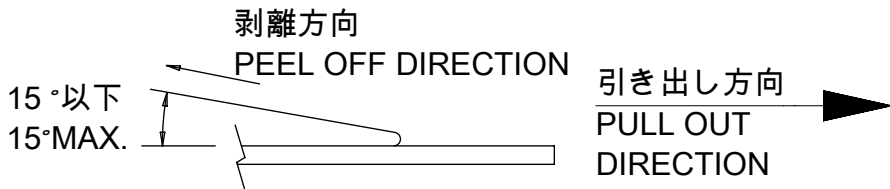


注記
NOTE

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

