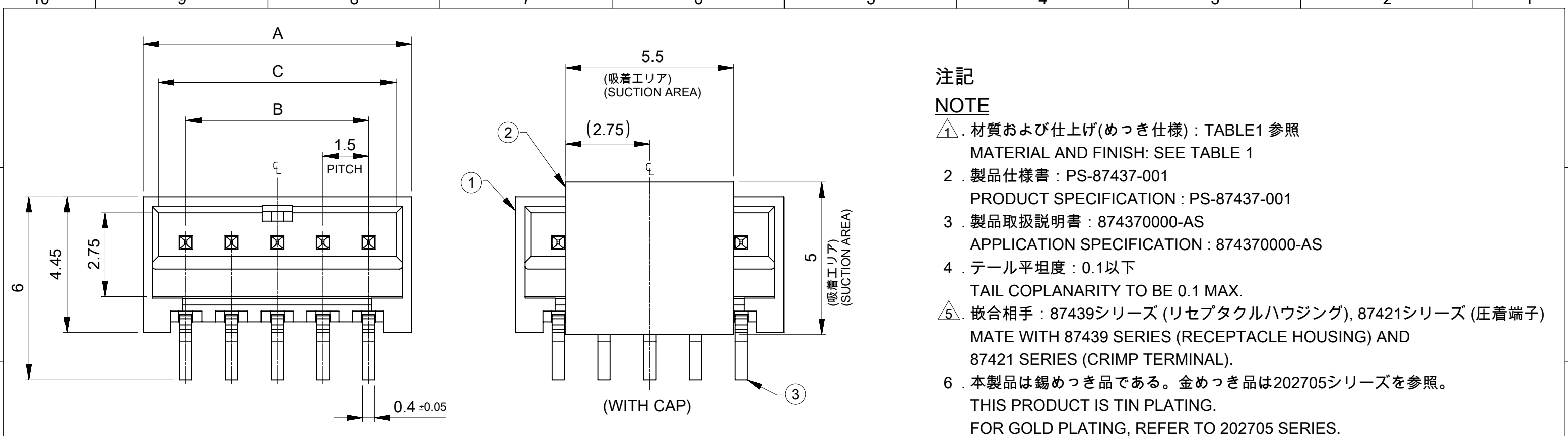




注記
NOTE

△1. 材質および仕上げ(めっき仕様) : TABLE1 参照
MATERIAL AND FINISH: SEE TABLE 1

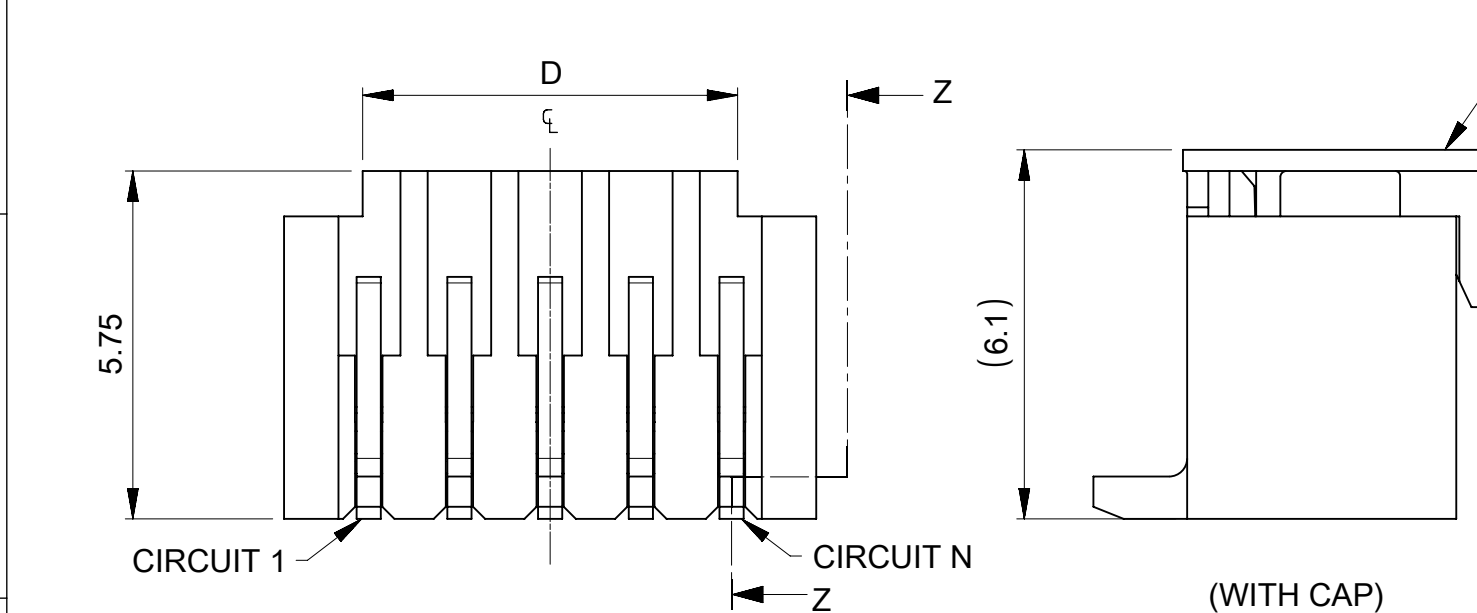
2. 製品仕様書 : PS-87437-001
PRODUCT SPECIFICATION : PS-87437-001

3. 製品取扱説明書 : 874370000-AS
APPLICATION SPECIFICATION : 874370000-AS

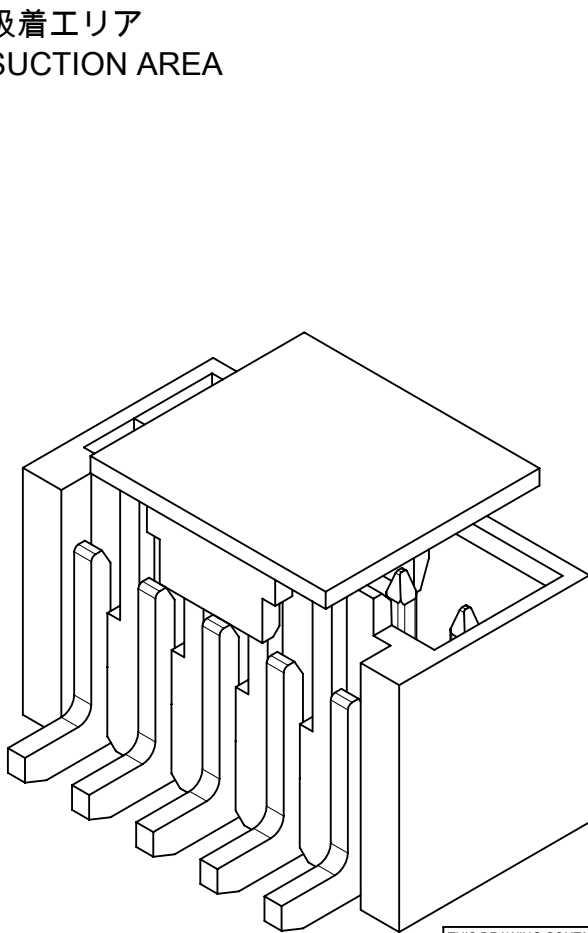
4. テール平坦度 : 0.1以下
TAIL COPLANARITY TO BE 0.1 MAX.

△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. 本製品は錫めっき品である。金めっき品は202705シリーズを参照。
THIS PRODUCT IS TIN PLATING.
FOR GOLD PLATING, REFER TO 202705 SERIES.



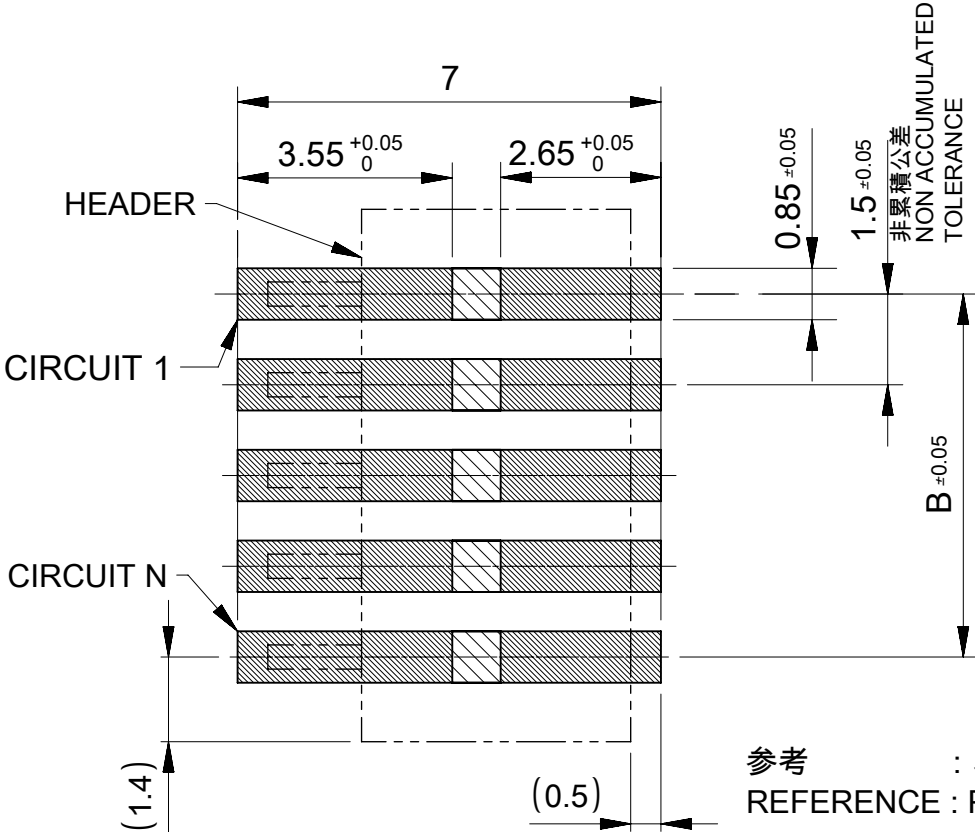
① TABLE1							
番号 No.		部品 PART		材質 MATERIAL			
①		ハウジング HOUSING		ナイロン, UL94-V0, 色 : 自然色(ベージュ) /黒 NYLON (PA), UL94-V0, COLOR : NATURAL(BEIGE) /BLACK			
②		キャップ CAP		ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE			
③		ターミナル TERMINAL		材料 MATERIAL		黄銅 BRASS	
				下地めっき UNDER PLATING		ニッケルめっ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



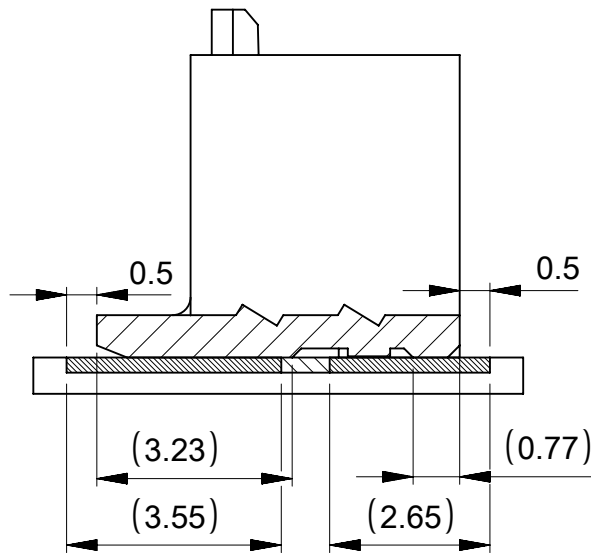
21.2	22.8	21.0	23.8	15
19.7	21.3	19.5	22.3	14
18.2	19.8	18.0	20.8	13
16.7	18.3	16.5	19.3	12
15.2	16.8	15.0	17.8	11
13.7	15.3	13.5	16.3	10
12.2	13.8	12.0	14.8	9
10.7	12.3	10.5	13.3	8
9.2	10.8	9.0	11.8	7
7.7	9.3	7.5	10.3	6
6.2	7.8	6.0	8.8	5
4.7	6.3	4.5	7.3	4
3.2	4.8	3.0	5.8	3
1.7	3.3	1.5	4.3	2
D	C	B	A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

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

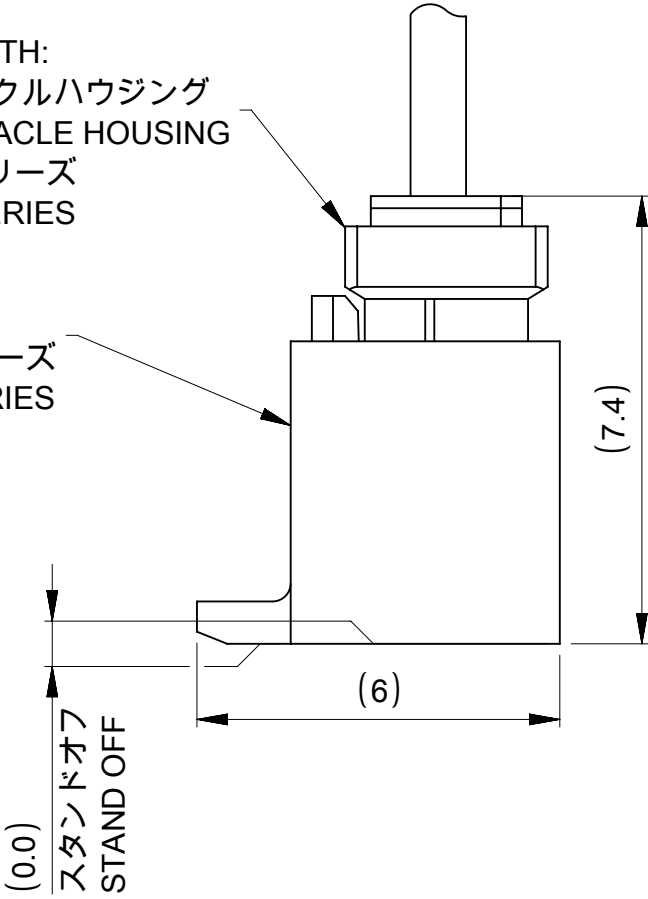
 : 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)

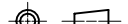
 : 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

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: RAGHAH3 CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: RTANAKA02 APPR: SAKIYAMA 2018/11/21 2019/04/26					
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	

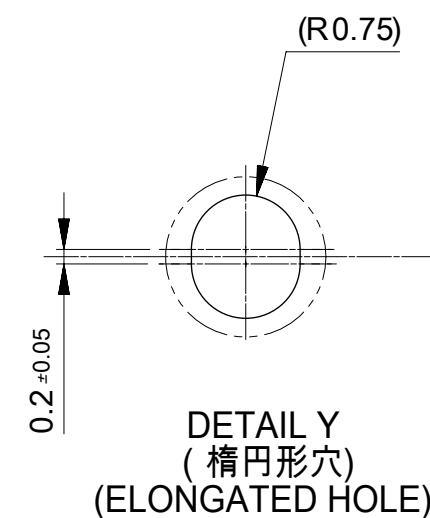
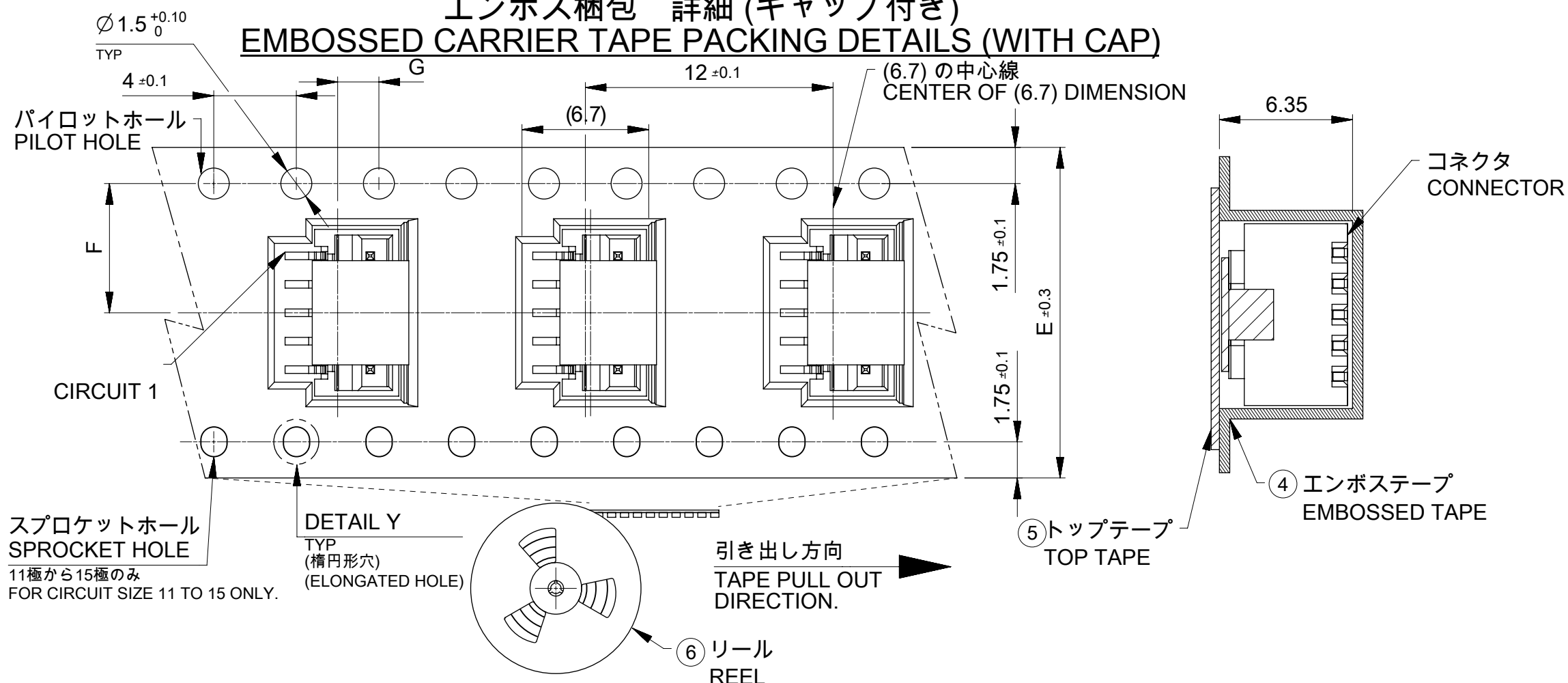
DOCUMENT STATUS				P1 RELEASE DATE 2026/03/05 07:06:55					

DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
874370231-SD				PSD		000		B2	

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

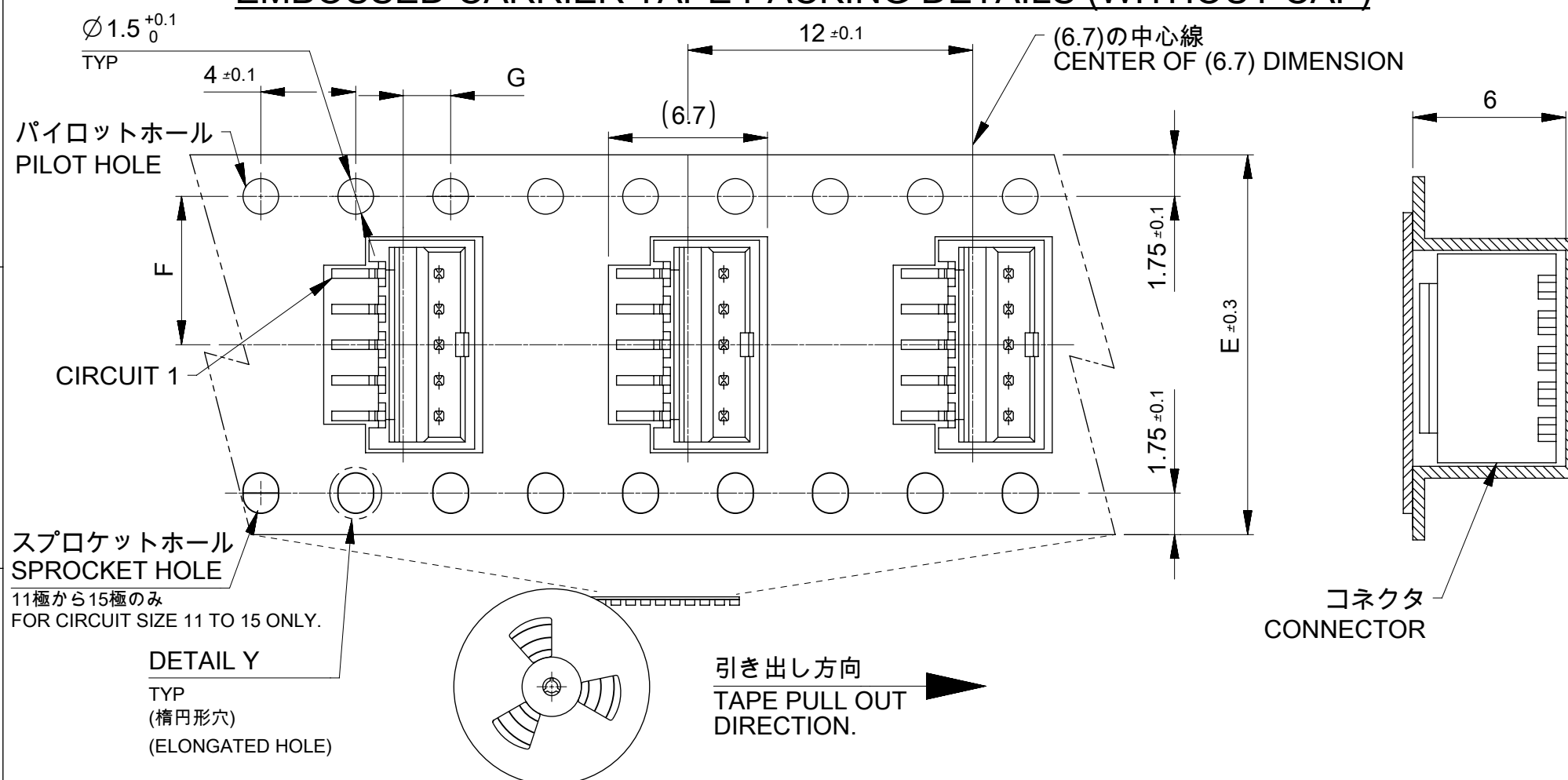
molex									

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

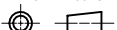


番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	ポリスチレン POLYSTYRENE (PS)
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)

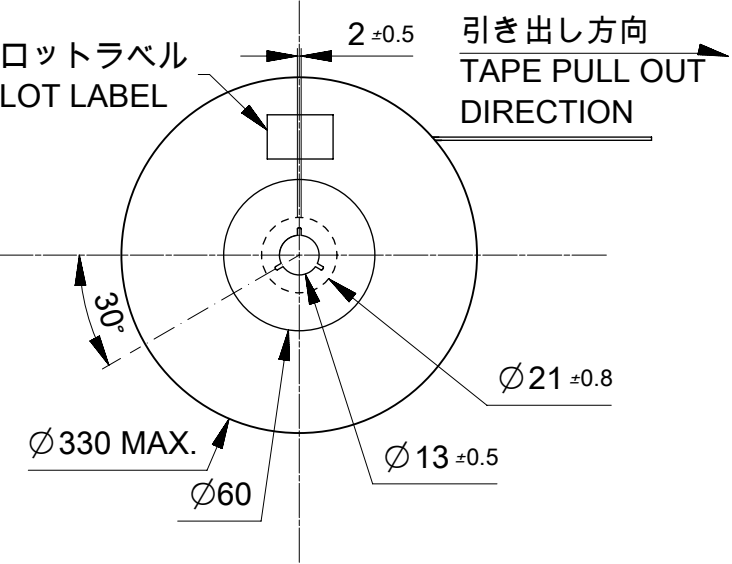
エンボス梱包 詳細 (キャップなし)
EMBOSSSED CARRIER TAPE PACKING DETAILS (WITHOUT CAP)



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

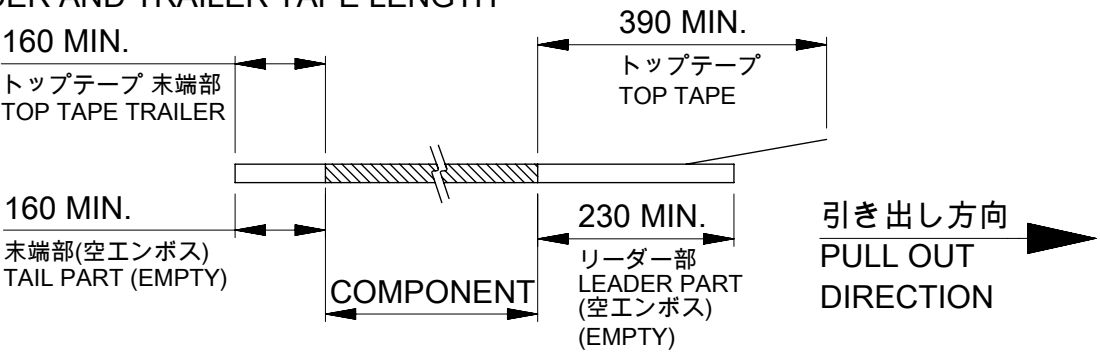
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517919				molex							
mm		NTS													
GENERAL TOLERANCES (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							
0 PLACES		± 0.2		INITIAL REVISION:										874370231-SD	
				DRWN: RTANAKA02 2018/11/21				DOC TYPE		DOC PART		REVISION			
				APPR: SAKIYAMA 2019/04/26				PSD		000		B2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87437		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						
mm		NTS	molex PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION) PRODUCT CUSTOMER DRAWING						
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			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
				A3-SIZE	87437	SEE SHEET 5	GENERAL		4 OF 5
			INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
			DRWN: RTANAKA02		874370231-SD		PSD	000	B2
			APPR: SAKIYAMA		2018/11/21				
					2019/04/26				

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			
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		PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)			
ANGULAR TOL ± 3.0 °				PRODUCT CUSTOMER DRAWING			
4 PLACES ± 0.2							
3 PLACES ± 0.2							
2 PLACES ± 0.2							
1 PLACE ± 0.2	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ± 0.2	DRWN: RTANAKA02 APPR: SAKIYAMA 2018/11/21 2019/04/26		874370231-SD		PSD	000	B2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
		A3-SIZE	87437	SEE CHART	GENERAL		5 OF 5

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1