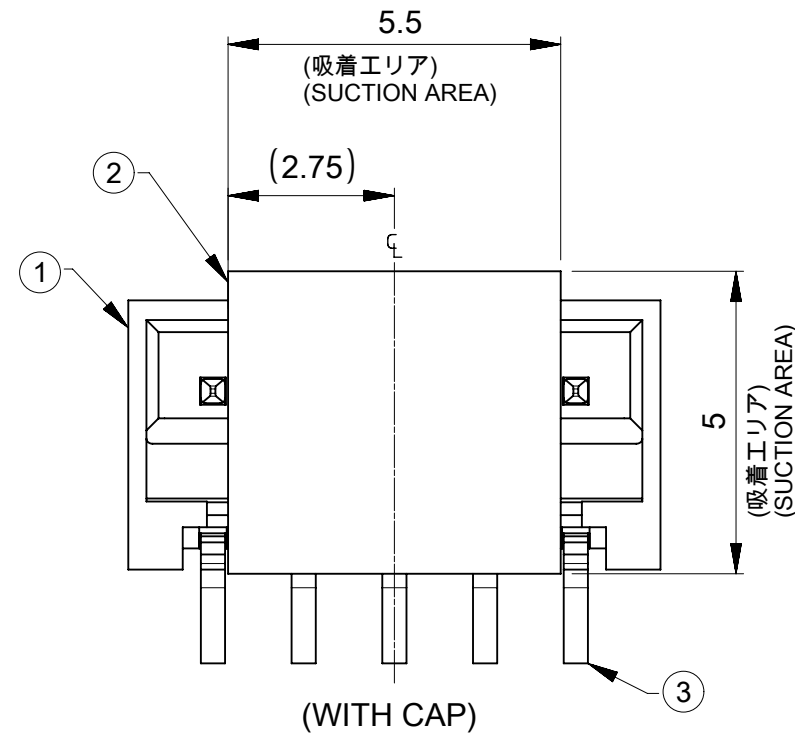
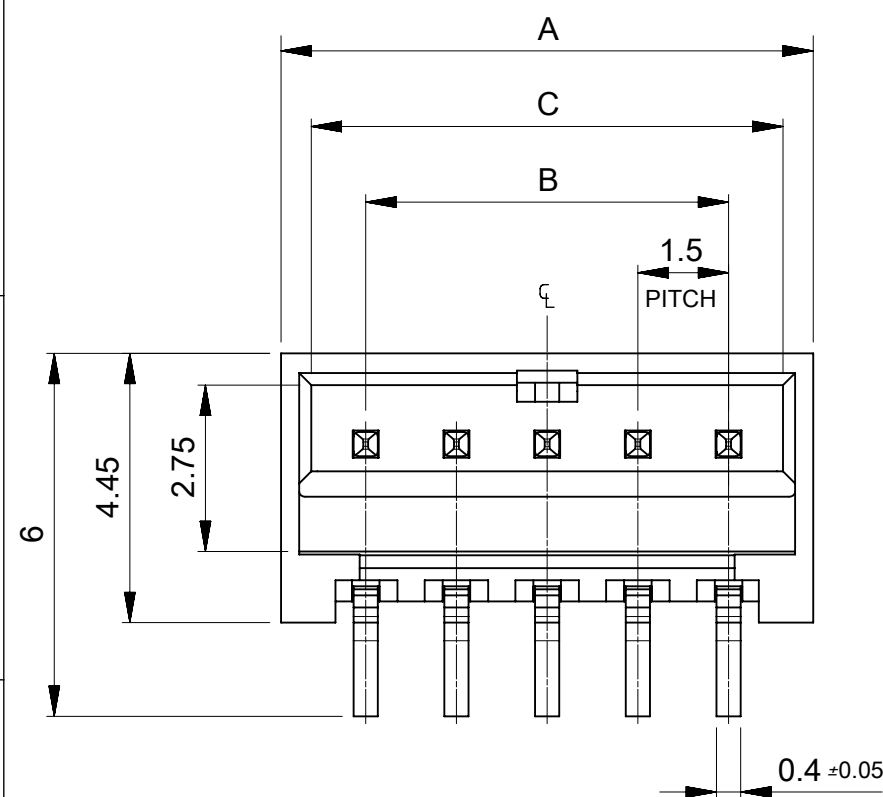
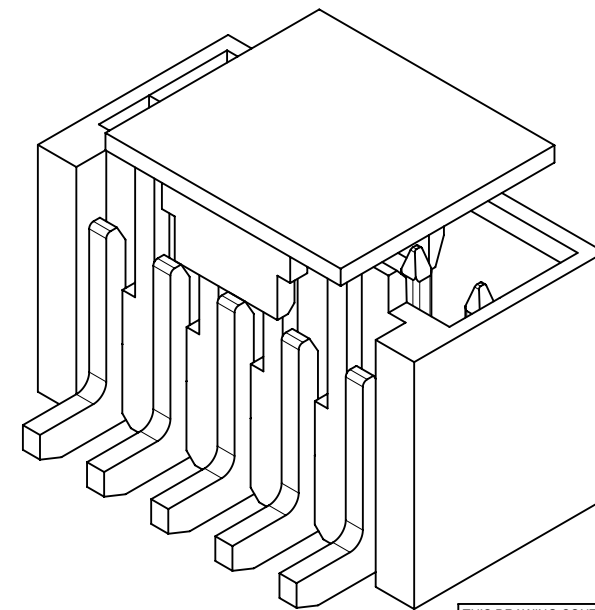
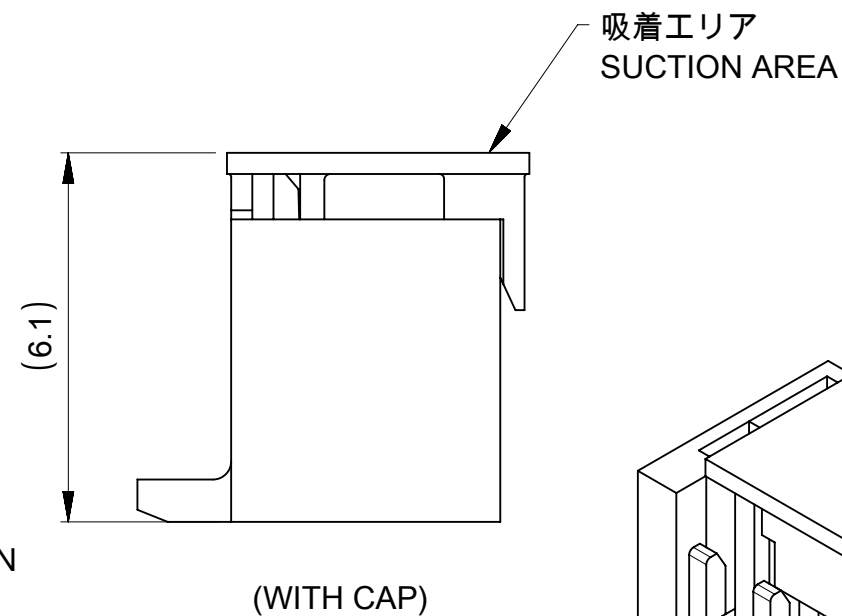
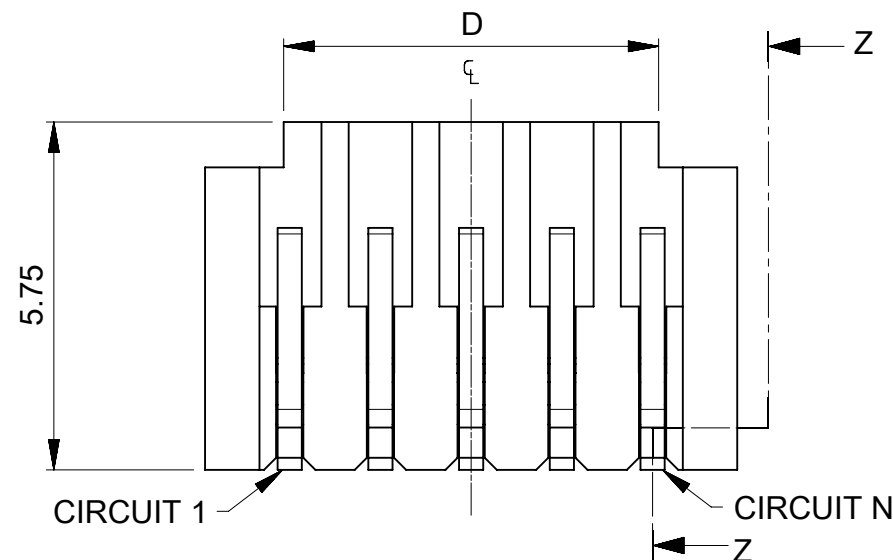




注記

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.



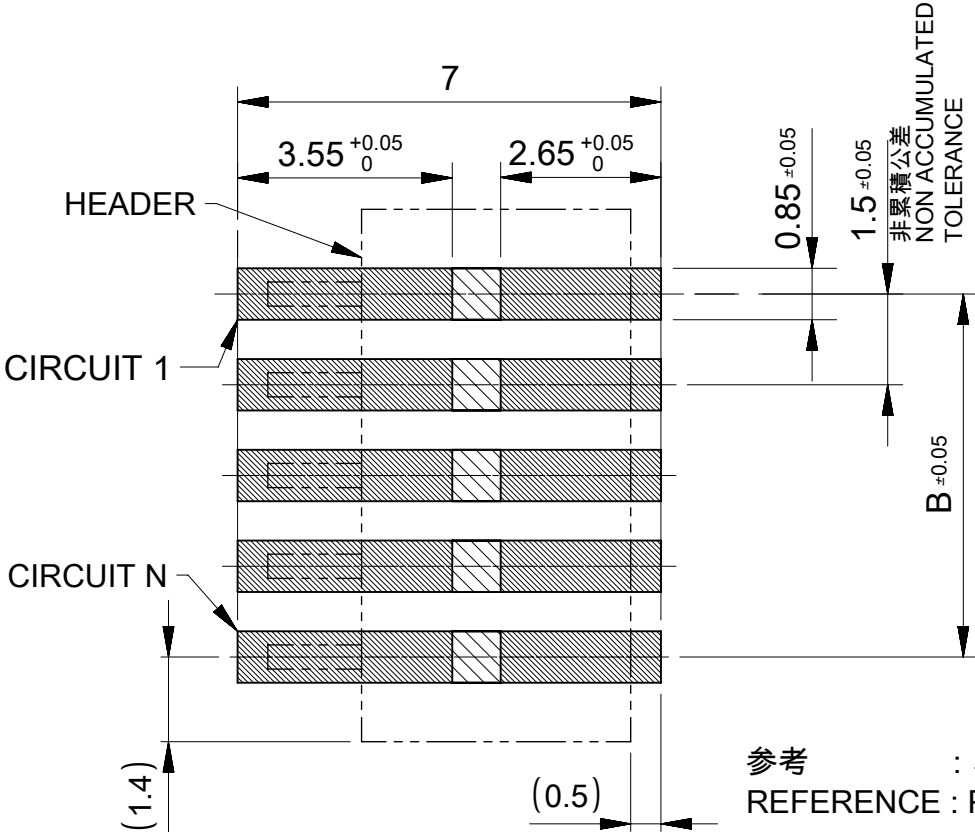
21.2	22.8	21.0	23.8	87437-15*1	15
19.7	21.3	19.5	22.3	87437-14*1	14
18.2	19.8	18.0	20.8	87437-13*1	13
16.7	18.3	16.5	19.3	87437-12*1	12
15.2	16.8	15.0	17.8	87437-11*1	11
13.7	15.3	13.5	16.3	87437-10*1	10
12.2	13.8	12.0	14.8	87437-09*1	9
10.7	12.3	10.5	13.3	87437-08*1	8
9.2	10.8	9.0	11.8	87437-07*1	7
7.7	9.3	7.5	10.3	87437-06*1	6
6.2	7.8	6.0	8.8	87437-05*1	5
4.7	6.3	4.5	7.3	87437-04*1	4
3.2	4.8	3.0	5.8	87437-03*1	3
1.7	3.3	1.5	4.3	87437-02*1	2
D	C	B	A	ヘッダー番号 HEADER NO.	極数 CIRCUIT SIZE

TABLE 1

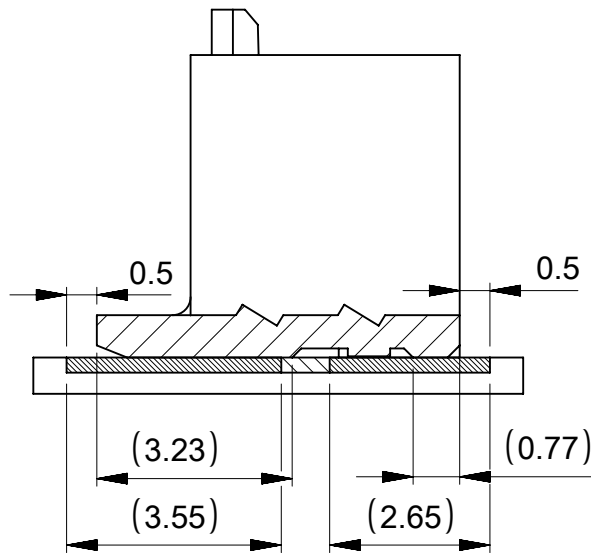
番号 No.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ナイロン, UL94-V0, 色 : 自然色(ベージュ) /黒 NYLON (PA), UL94-V0, COLOR : NATURAL(BEIGE) /BLACK	
②	キャップ CAP	ナイロン, UL94-V0, 色 : ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
③	ターミナル TERMINAL	材料 MATERIAL	黄銅 BRASS
		下地めっき UNDER PLATING	ニッケルめっき 1.27マイクロメートル以上 NICKEL PLATING 1.27micro-meter 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

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: REDRAWN AND REVISED				molex							
mm		8:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 605982						PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)					
				DRWN: RTANAKA02		2018/11/21		CHK'D: AIDA						2019/04/26	
				3 PLACES		± 0.2		APPR: SAKIYAMA		2019/04/26					
				2 PLACES		± 0.2		PRODUCT CUSTOMER DRAWING							
				1 PLACE		± 0.2									
0 PLACES		± 0.2		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				DRWN: RTANAKA02 2018/11/21				874370231-SD		PSD		000		A	
				APPR: SAKIYAMA 2019/04/26											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87437		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%.

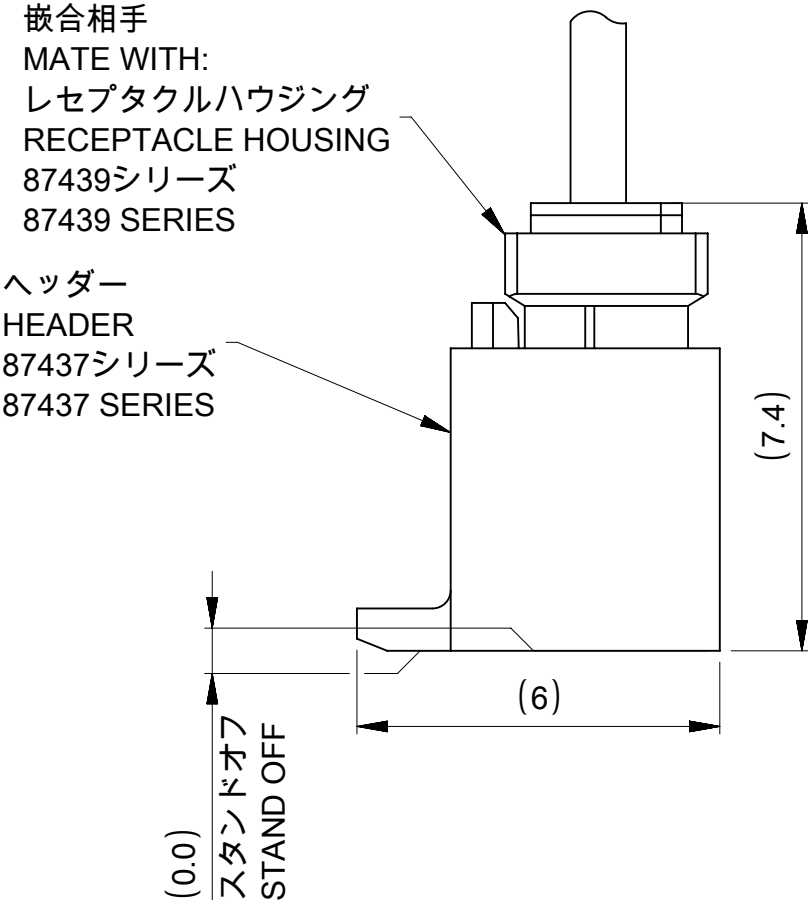


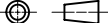
SECTION Z-Z

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

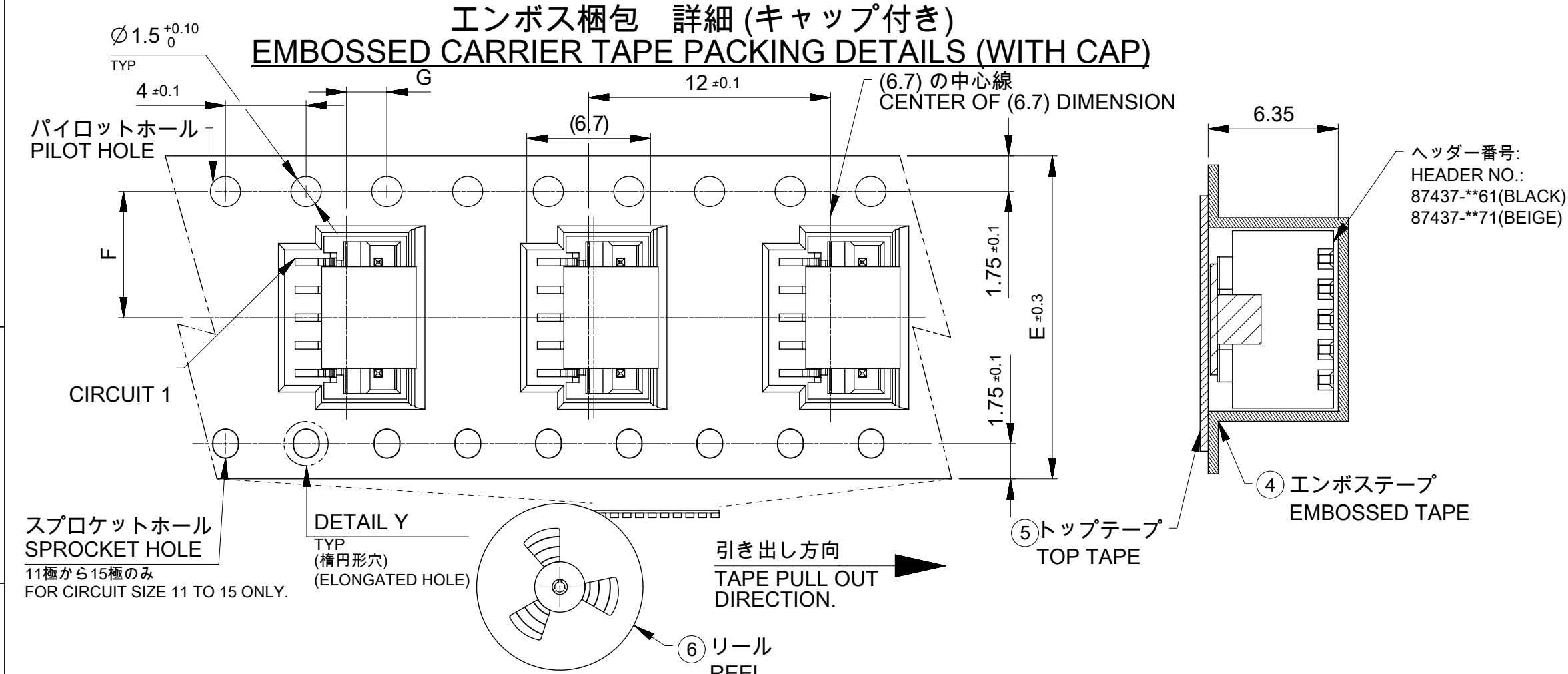
半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

5 嵌合図
MATED CONNECTORS



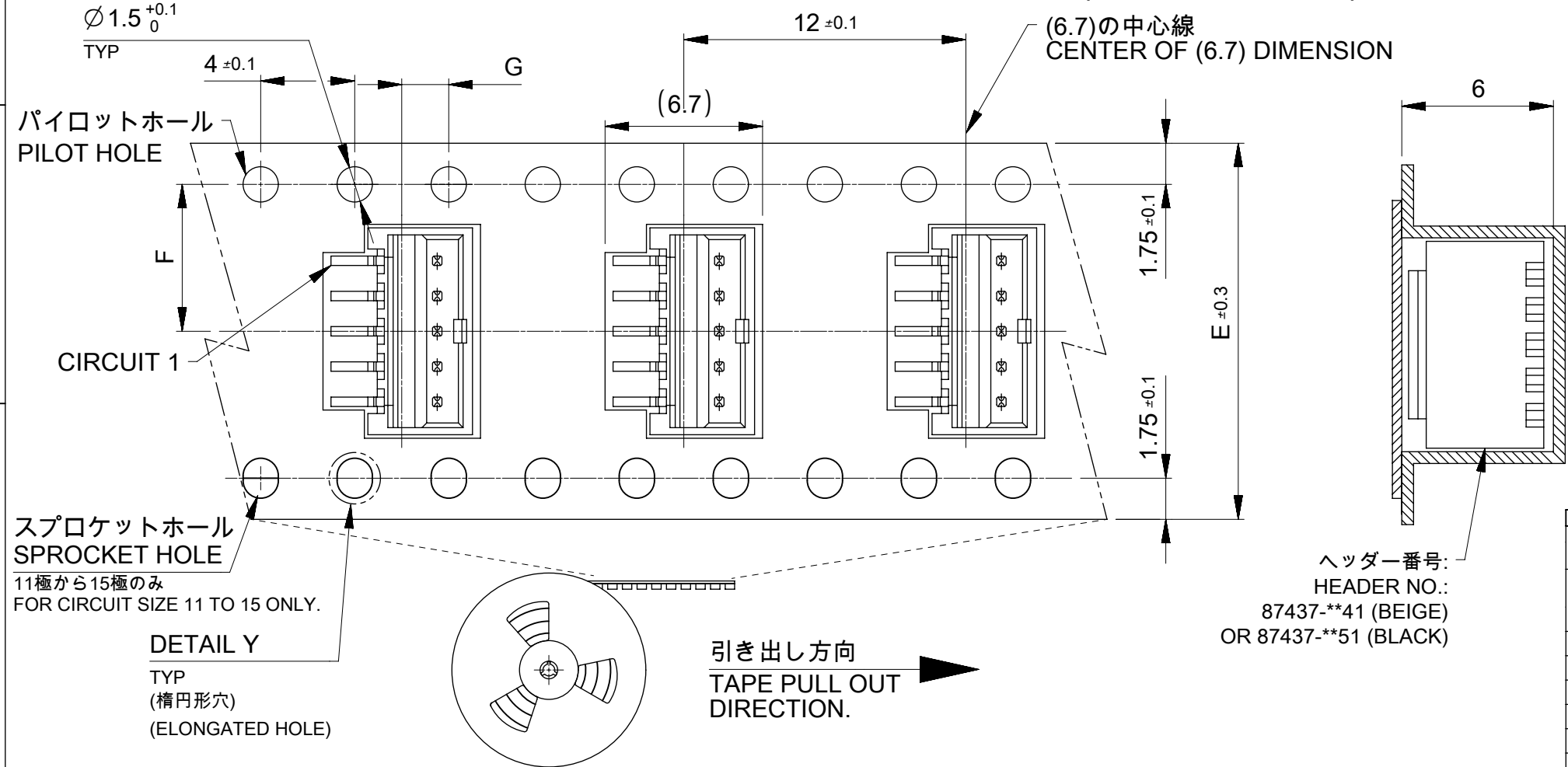
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE	CURRENT REV DESC: REDRAWN AND REVISED				molex				
mm		8:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 605982 DRWN: RTANAKA02 2018/11/21 CHK'D: AIDA 2019/04/26 APPR: SAKIYAMA 2019/04/26				PICO-SPOX 1.5 W/B CONN VERTICAL HEADER ASSY (SMT TIN PLATING VERSION)				
ANGULAR TOL ± 3.0 °											
4 PLACES ± 0.2											
3 PLACES ± 0.2											
2 PLACES ± 0.2											
1 PLACE ± 0.2		INITIAL REVISION: DRWN: RTANAKA02 2018/11/21 APPR: SAKIYAMA 2019/04/26		PRODUCT CUSTOMER DRAWING							
0 PLACES ± 0.2				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION		
				874370231-SD		PSD		000	A		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					A3-SIZE	87437	SEE SHEET 4		GENERAL		2 OF 4

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

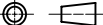


番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSED TAPE	ポリスチレン POLYSTYRENE (PS)
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)

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

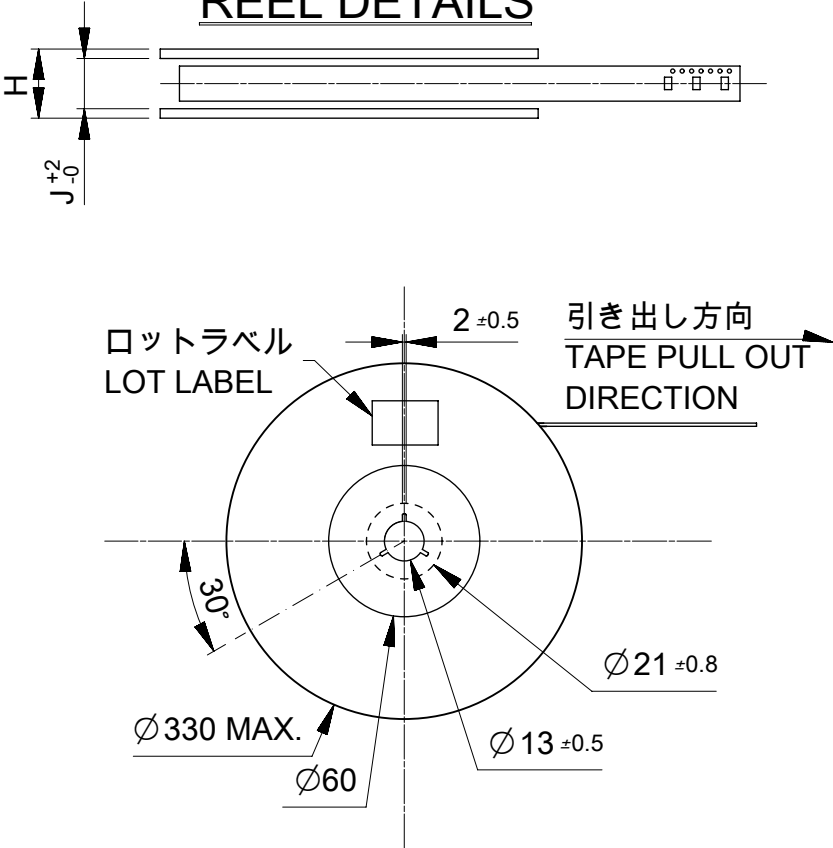


2±0.15	20.2±0.15	44	15
2±0.1	14.2±0.1	32	14
			13
			12
			11
			10
	11.5±0.1	24	9
			8
			7
			6
	7.5±0.1	16	5
			4
			3
			2
G	F	E	極数 CIRCUIT SIZE

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: REDRAWN AND REVISED				molex						
mm		1:1												
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: 605982				PRODUCT CUSTOMER DRAWING						
3 PLACES		± 0.2		DRWN: RTANAKA02 2018/11/21										
2 PLACES		± 0.2		CHK'D: AIDA 2019/04/26										
1 PLACE		± 0.2		APPR: SAKIYAMA 2019/04/26										
0 PLACES		± 0.2		INITIAL REVISION:				DOCUMENT NUMBER						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: RTANAKA02 2018/11/21				874370231-SD				DOC TYPE	DOC PART	REVISION
				APPR: SAKIYAMA 2019/04/26				PSD	000	A				
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				A3-SIZE		87437		SEE SHEET 4		GENERAL		3 OF 4		

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/26	09:56:14
-----------------	----	--------------	------------	----------

リール 詳細
REEL DETAILS



発注番号
ORDER NUMBER
87437- * * * 3

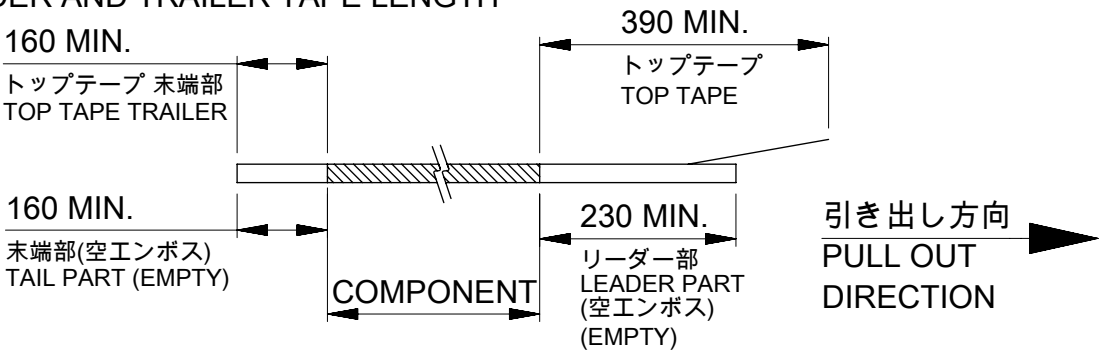
極数
CIRCUIT SIZE
02 から 15
02 TO 15

ハウジングカラー, キャップオプション
HOUSING COLOR AND CAP OPTION

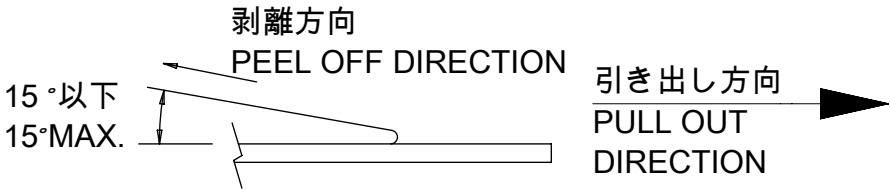
4: ハウジングカラー : ベージュ, キャップなし BEIGE COLOR HOUSING WITHOUT CAP
5: ハウジングカラー : 黒, キャップなし BLACK COLOR HOUSING WITHOUT CAP
6: ハウジングカラー : 黒, キャップ付き BLACK COLOR HOUSING WITH CAP
7: ハウジングカラー : ベージュ, キャップ付き BEIGE COLOR HOUSING WITH CAP

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



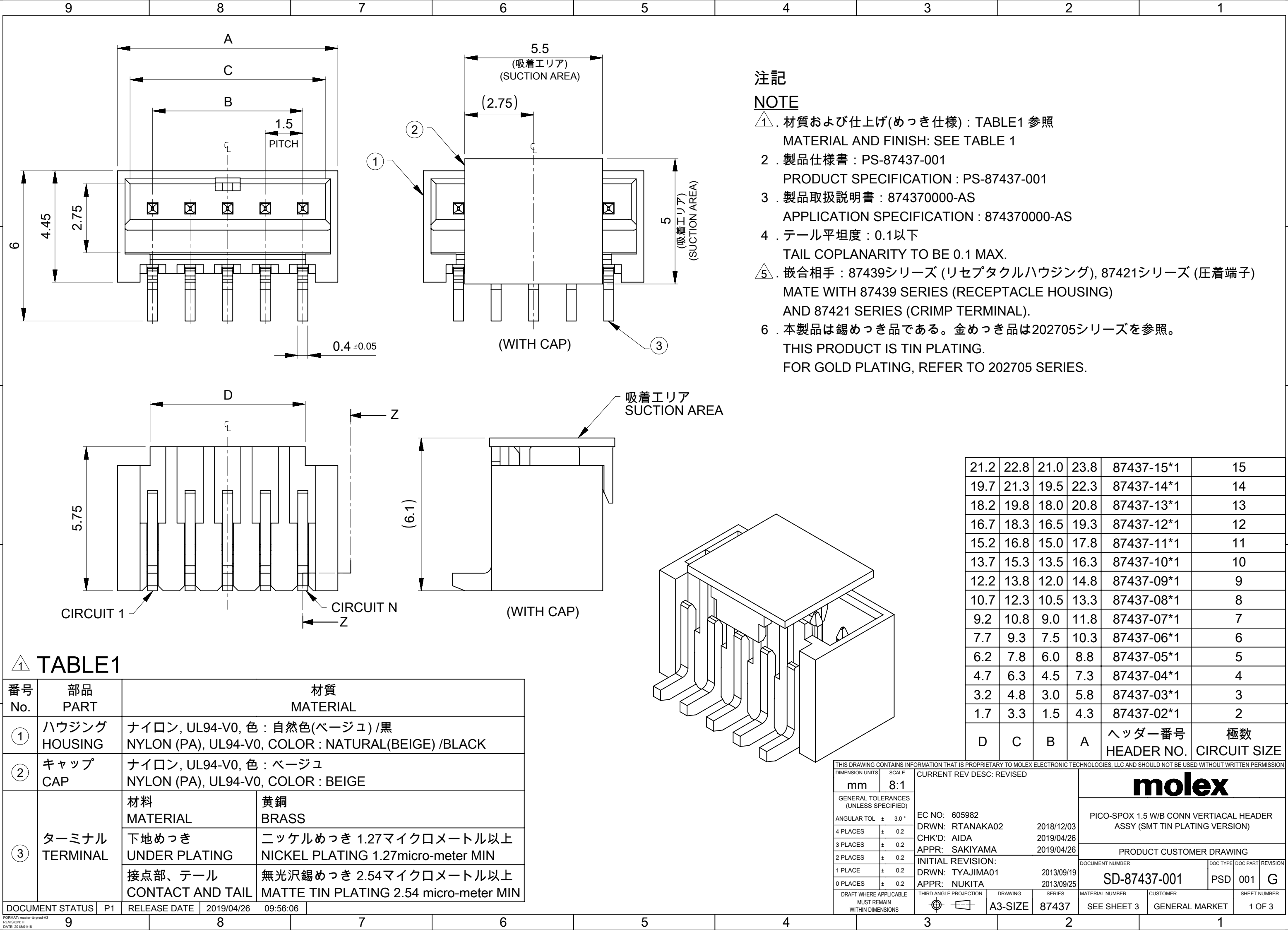
8 . トップテープの剥離強度 : IEC60286-3に準拠。
PEELING OFF FORCE OF THE TOP TAPE: DEFINED IEC60286-3.
(剥離方向は下図を参照)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



- 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

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: REDRAWN AND REVISED				molex									
mm		1:1															
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															
3 PLACES		± 0.2															
2 PLACES		± 0.2															
1 PLACE		± 0.2		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		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										874370231-SD		PSD		000		A	
										SEE SHEET 4		GENERAL				4 OF 4	



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.

21.2	22.8	21.0	23.8	87437-15*1	15
19.7	21.3	19.5	22.3	87437-14*1	14
18.2	19.8	18.0	20.8	87437-13*1	13
16.7	18.3	16.5	19.3	87437-12*1	12
15.2	16.8	15.0	17.8	87437-11*1	11
13.7	15.3	13.5	16.3	87437-10*1	10
12.2	13.8	12.0	14.8	87437-09*1	9
10.7	12.3	10.5	13.3	87437-08*1	8
9.2	10.8	9.0	11.8	87437-07*1	7
7.7	9.3	7.5	10.3	87437-06*1	6
6.2	7.8	6.0	8.8	87437-05*1	5
4.7	6.3	4.5	7.3	87437-04*1	4
3.2	4.8	3.0	5.8	87437-03*1	3
1.7	3.3	1.5	4.3	87437-02*1	2
D	C	B	A	ヘッダー番号 HEADER NO.	極数 CIRCUIT SIZE

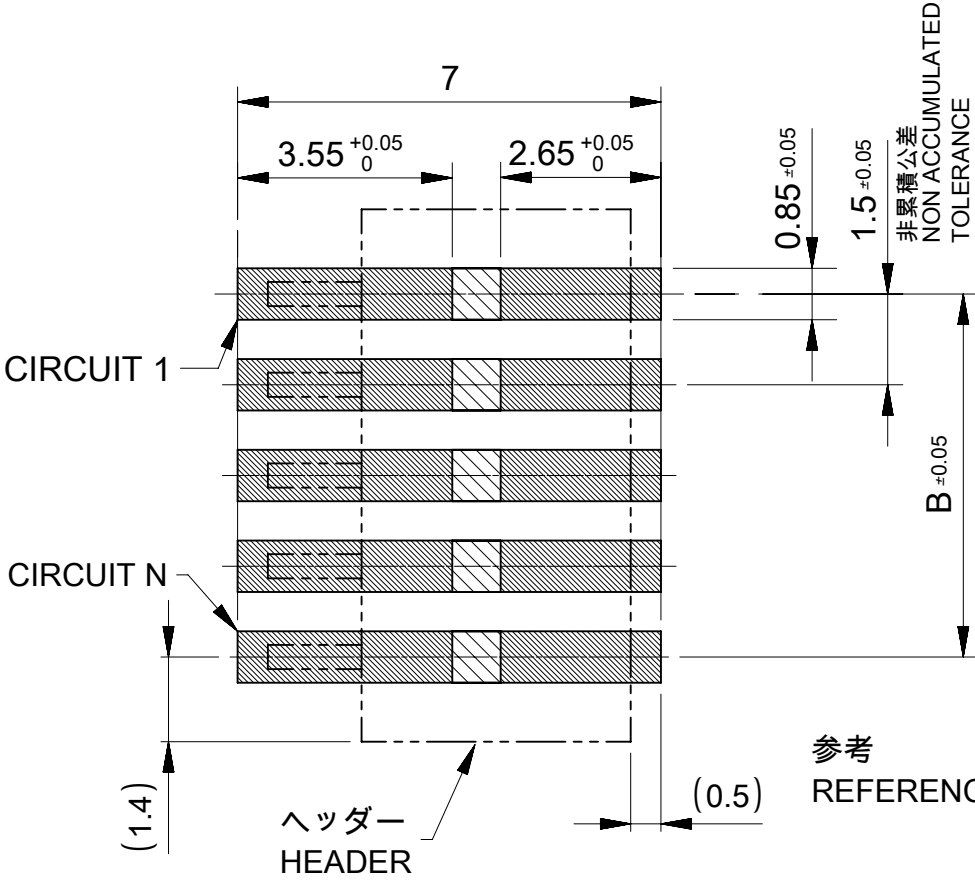
① TABLE1

番号 No.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ナイロン, UL94-V0, 色 : 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

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: REVISED			molex		
mm		8:1							
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							
3 PLACES		± 0.2							
2 PLACES		± 0.2							
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING					
0 PLACES		± 0.2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EC NO: 605982			DOCUMENT NUMBER SD-87437-001		
				DRWN: RTANAKAO2 2018/12/03					
				CHK'D: AIDA 2019/04/26					
APPR: SAKIYAMA 2019/04/26				INITIAL REVISION:			DOC TYPE PSD		
APPR: NUKITA 2013/09/25				DRWN: TYAJIMA01 2013/09/19			DOC PART 001		
THIRD ANGLE PROJECTION				DRAWING			REVISION G		
				SERIES			SHEET NUMBER		
A3-SIZE				87437			1 OF 3		
				MATERIAL NUMBER			CUSTOMER		
				SEE SHEET 3			GENERAL MARKET		

推奨基板レイアウト
RECOMMENDED PCB LAYOUT

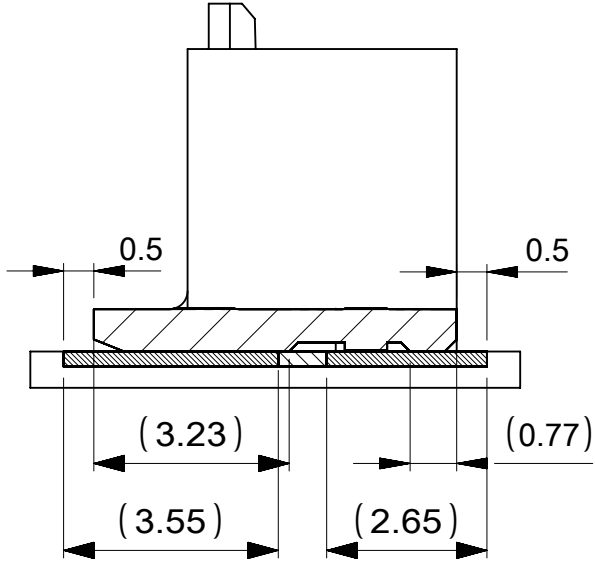
△ 5 嵌合図
MATED CONNECTORS



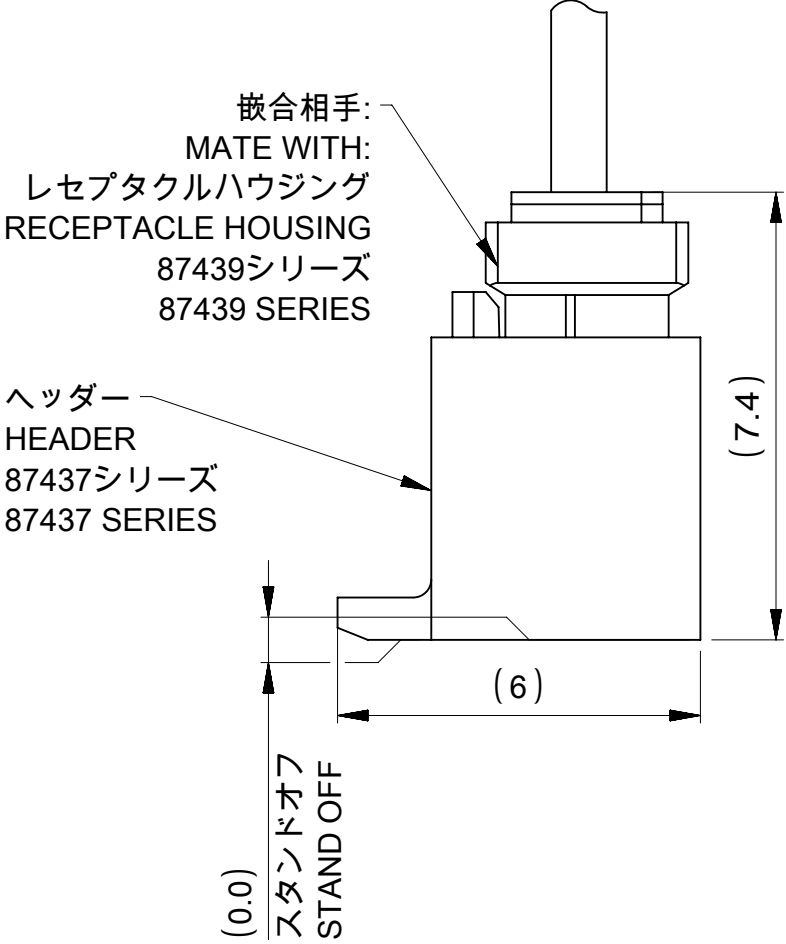
参考 : 基板厚 1.0mm
REFERENCE : PCB THICKNESS 1.0mm
メタルマスク厚 0.12mm
STENCIL THICKNESS 0.12mm
マスク開口率100%
APERTURE RATIO 100%.

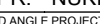
半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)

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.



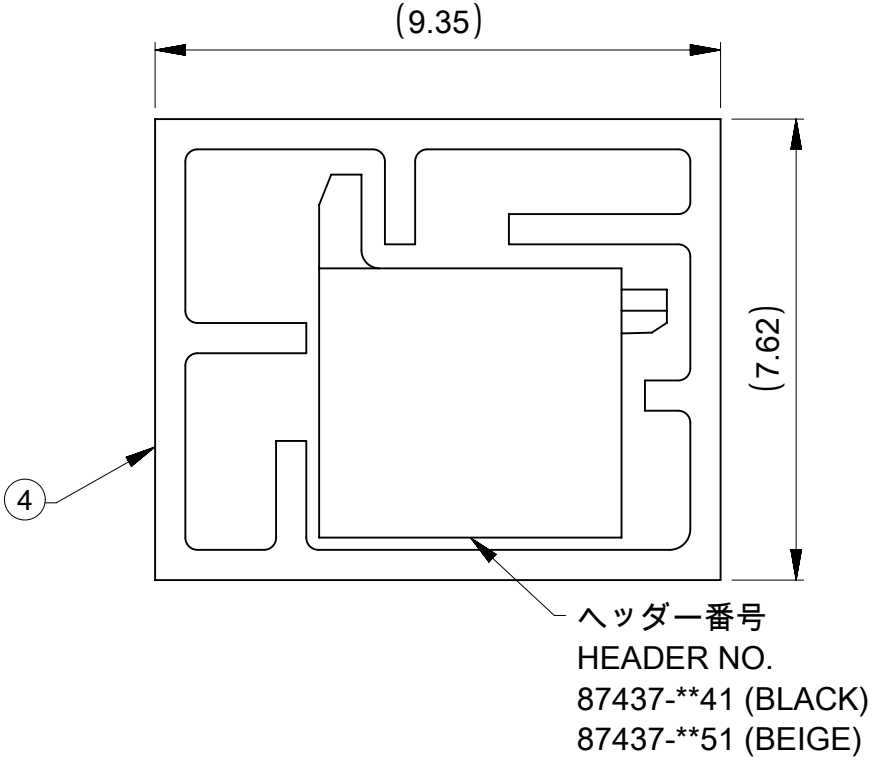
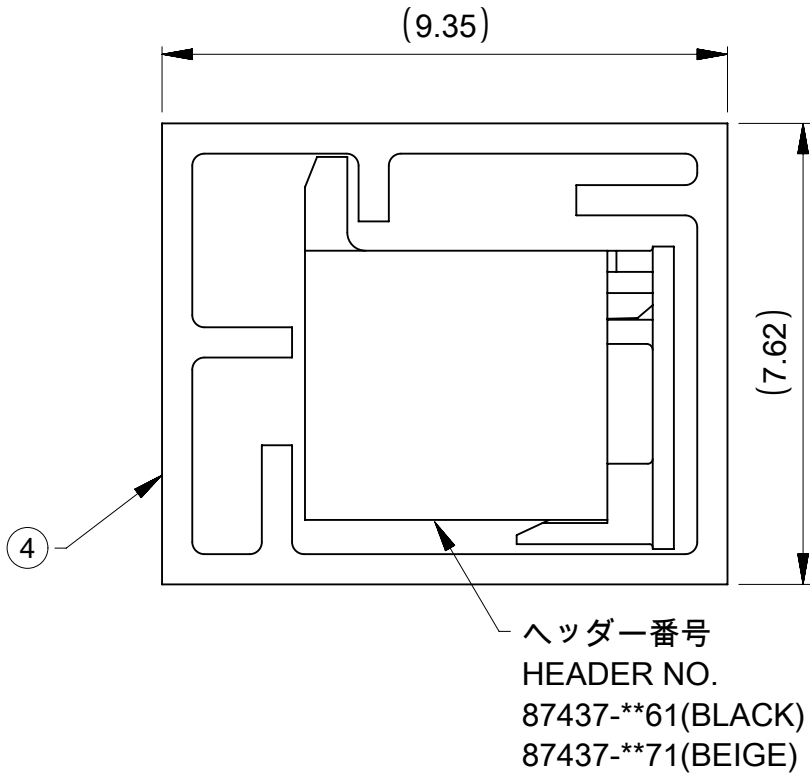
SECTION Z-Z



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: REVISED				molex	
mm		8:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 3.0 °		EC NO: 605982				PICO-SPOX 1.5 W/B CONN VERTIACAL HEADER ASSY (SMT TIN PLATING VERSION)	
4 PLACES		± 0.2		DRWN: RTANAKA02 2018/12/03					
3 PLACES		± 0.2		CHK'D: AIDA 2019/04/26					
2 PLACES		± 0.2		APPR: SAKIYAMA 2019/04/26				PRODUCT CUSTOMER DRAWING	
1 PLACE		± 0.2		INITIAL REVISION:					
0 PLACES		± 0.2		DRWN: TYAJIMA01 2013/09/19				DOCUMENT NUMBER	
				APPR: NUKITA 2013/09/25				SD-87437-001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		87437		CUSTOMER	
								SEE SHEET 3	
								GENERAL MARKET	
								SHEET NUMBER	
								2 OF 3	

チューブ梱包 詳細 (キャップ付き)
TUBE PACKING DETAIL (WITH CAP)

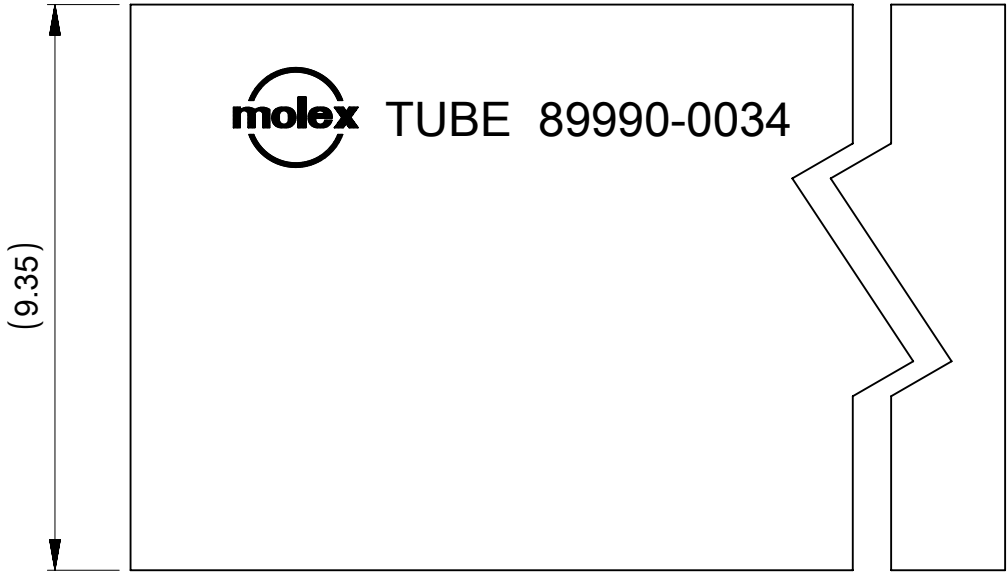
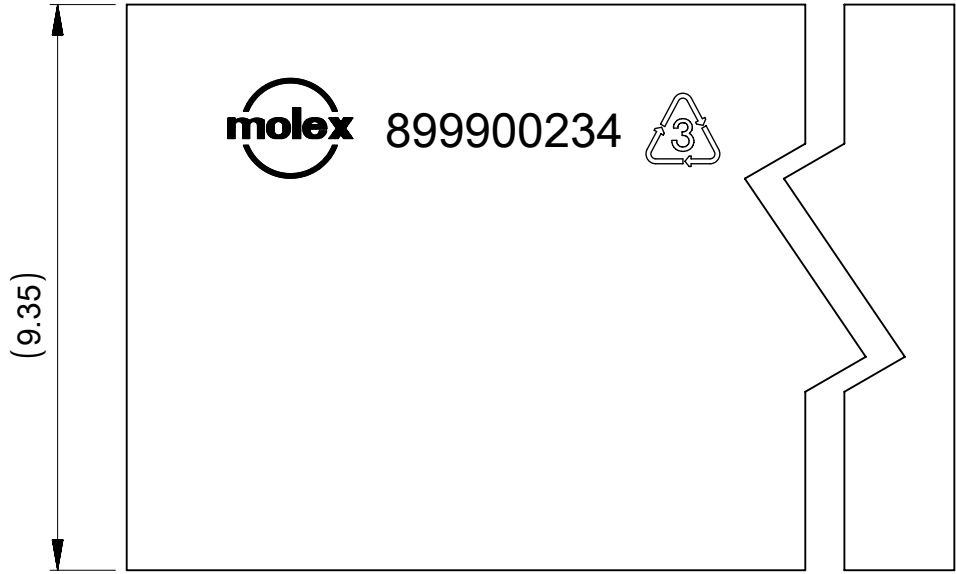
チューブ梱包 詳細 (キャップなし)
TUBE PACKING DETAIL (WITHOUT CAP)



発注番号
ORDER NUMBER
87437- * * * 2

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 :	ページュ, キャップなし	BEIGE COLOR HOUSING WITHOUT CAP
5:	ハウジングカラー :	黒, キャップなし	BLACK COLOR HOUSING WITHOUT CAP
6:	ハウジングカラー :	黒, キャップ付き	BLACK COLOR HOUSING WITH CAP
7:	ハウジングカラー :	ページュ, キャップ付き	BEIGE COLOR HOUSING WITH CAP



注記
NOTE

7. 本製品は乾燥剤入りハイバリア梱包での納品となる。
THIS PRODUCTS IS DELIVERED IN A HIGH BARRIER PACKAGE
WITH DESICCANT.

番号 NO.	部品 PART	材質 MATERIAL
④	チューブ TUBE	ポリ塩化ビニル POLYVINYL CHLORIDE (PVC)
DOCUMENT STATUS		
P1	RELEASE DATE	2019/04/26 09:56:06

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: REVISED				molex							
mm		8:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 605982 DRWN: RTANAKA02 2018/12/03 CHK'D: AIDA 2019/04/26 APPR: SAKIYAMA 2019/04/26				PICO-SPOX 1.5 W/B CONN VERTIACAL HEADER ASSY (SMT TIN PLATING VERSION)							
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2		INITIAL REVISION: DRWN: TYAJIMA01 2013/09/19 APPR: NUKITA 2013/09/25				PRODUCT CUSTOMER DRAWING							
1 PLACE		± 0.2						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		± 0.2						SD-87437-001		PSD		001		G	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87437		SEE SHEET 3		GENERAL MARKET		3 OF 3	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

87437-0773