

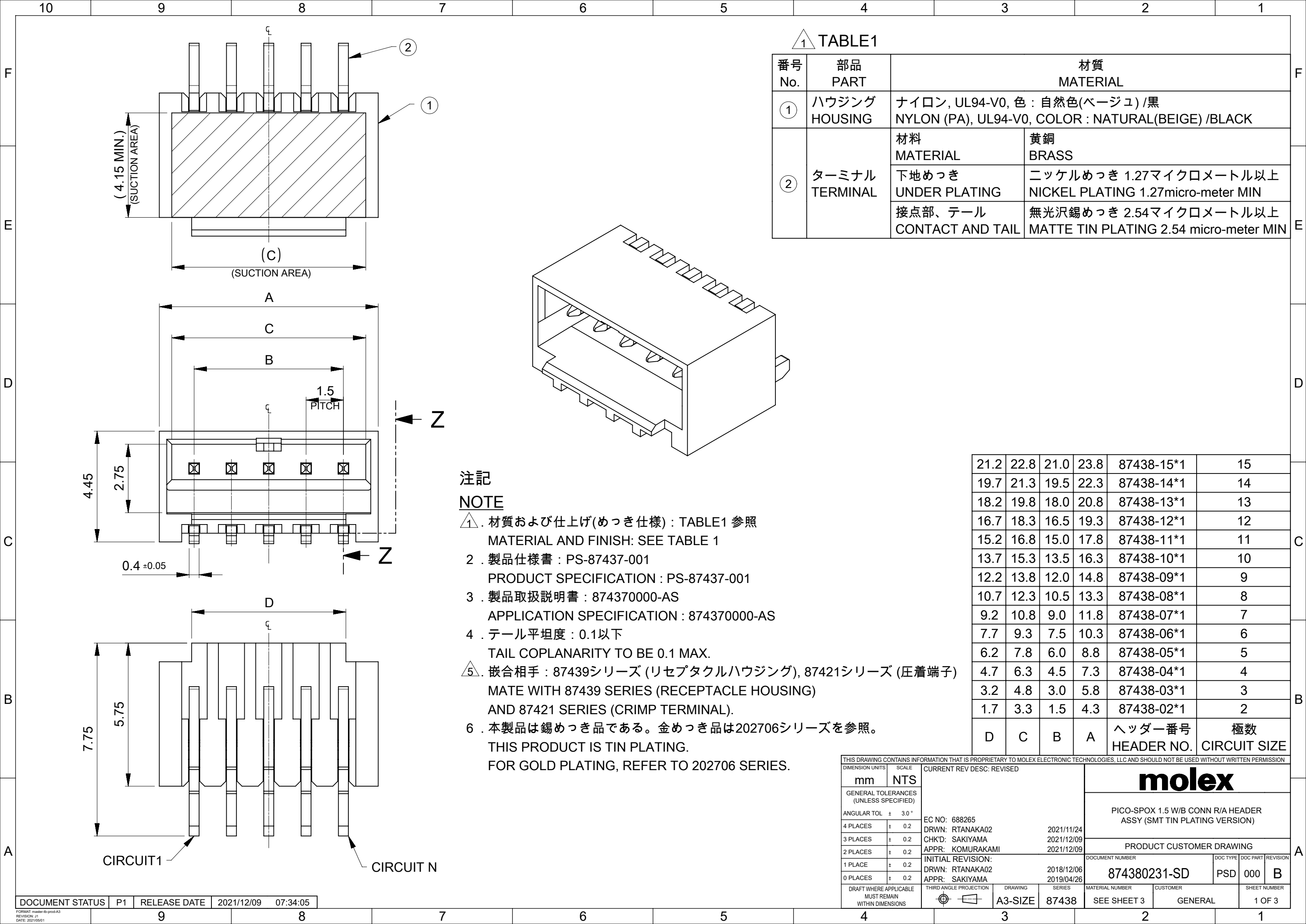


TABLE 1

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	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

注記

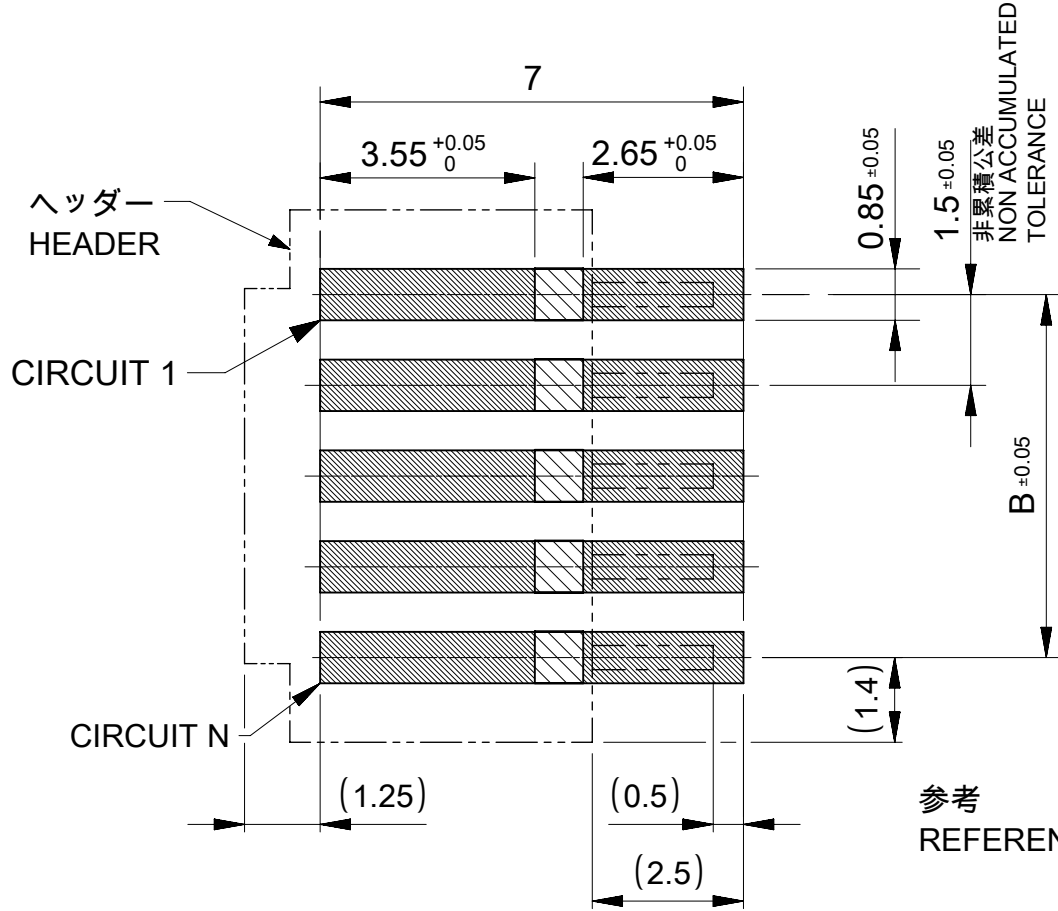
NOTE

- ①. 材質および仕上げ(めっき仕様) : TABLE 1 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202706シリーズを参照。
THIS PRODUCT IS TIN PLATING.
FOR GOLD PLATING, REFER TO 202706 SERIES.

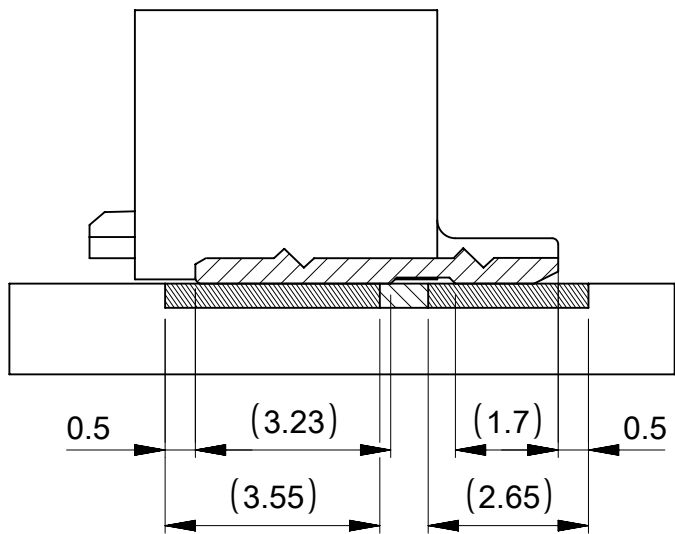
21.2	22.8	21.0	23.8	87438-15*1	15
19.7	21.3	19.5	22.3	87438-14*1	14
18.2	19.8	18.0	20.8	87438-13*1	13
16.7	18.3	16.5	19.3	87438-12*1	12
15.2	16.8	15.0	17.8	87438-11*1	11
13.7	15.3	13.5	16.3	87438-10*1	10
12.2	13.8	12.0	14.8	87438-09*1	9
10.7	12.3	10.5	13.3	87438-08*1	8
9.2	10.8	9.0	11.8	87438-07*1	7
7.7	9.3	7.5	10.3	87438-06*1	6
6.2	7.8	6.0	8.8	87438-05*1	5
4.7	6.3	4.5	7.3	87438-04*1	4
3.2	4.8	3.0	5.8	87438-03*1	3
1.7	3.3	1.5	4.3	87438-02*1	2
D	C	B	A	ヘッダー番号 HEADER NO.	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: REVISED			molex		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICO-SPOX 1.5 W/B CONN R/A HEADER ASSY (SMT TIN PLATING VERSION)					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2		EC NO: 688265		PRODUCT CUSTOMER DRAWING			
3 PLACES		± 0.2		DRWN: RTANAKA02 2021/11/24					
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2021/12/09					
1 PLACE		± 0.2		APPR: KOMURAKAMI 2021/12/09		DOCUMENT NUMBER 874380231-SD			
0 PLACES		± 0.2		INITIAL REVISION: DRWN: RTANAKA02 2018/12/06 APPR: SAKIYAMA 2019/04/26					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SHEET NUMBER 1 OF 3	

推奨基板レイアウト
RECOMMENDED PCB LAYOUT



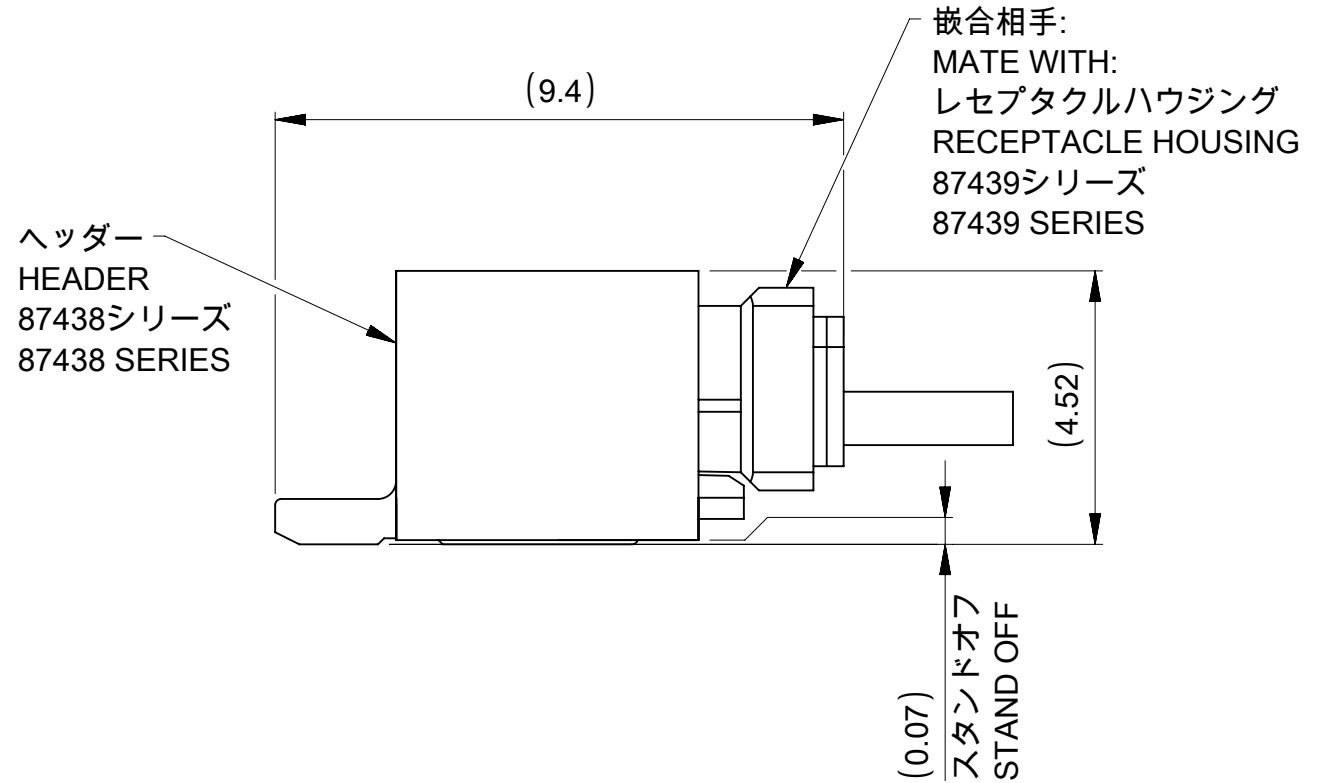
参考 : 基板厚 1.0mm
REFERENCE : PCB THICKNESS 1.0mm
メタルマスク厚 0.12mm
STENCIL THICKNESS 0.12mm
マスク開口率100%
APERTURE RATIO 100%.



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.

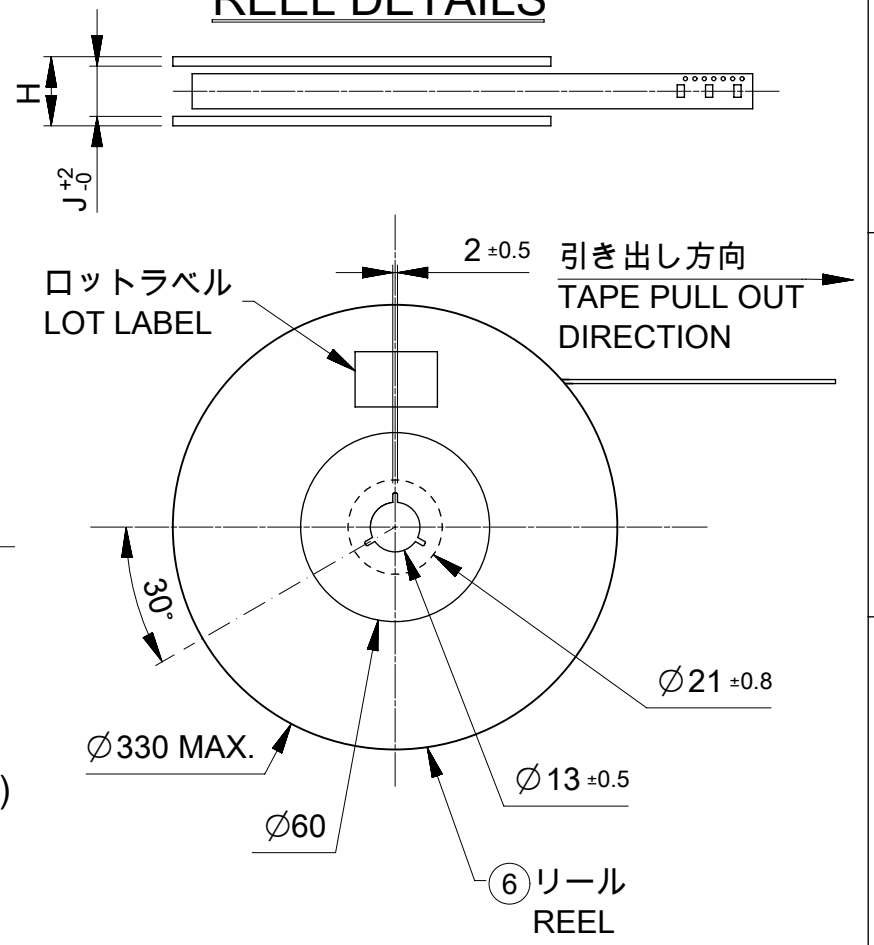
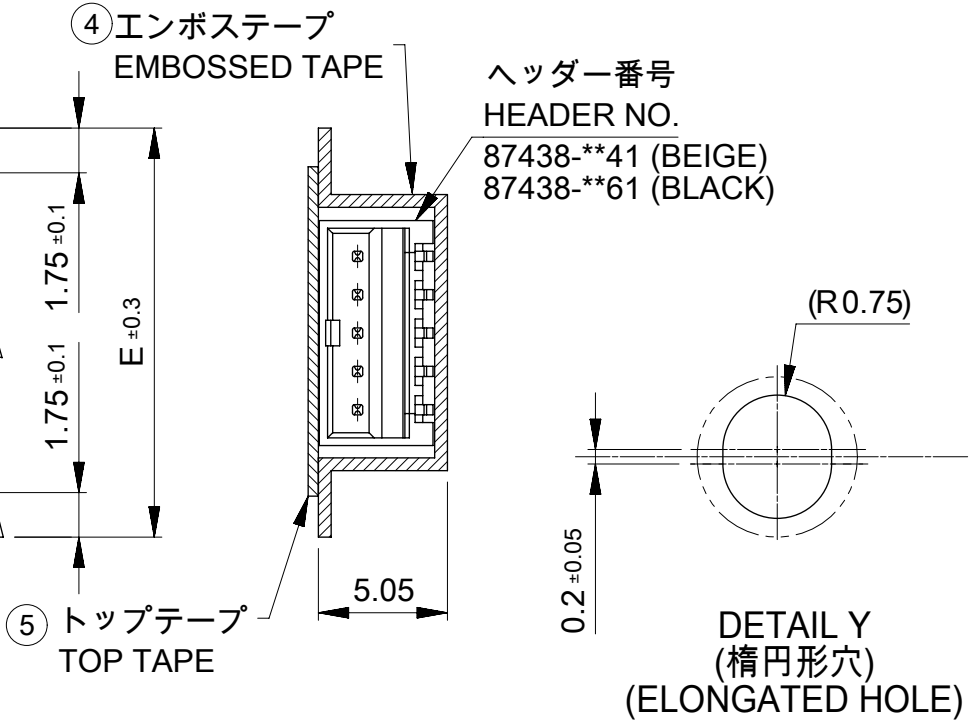
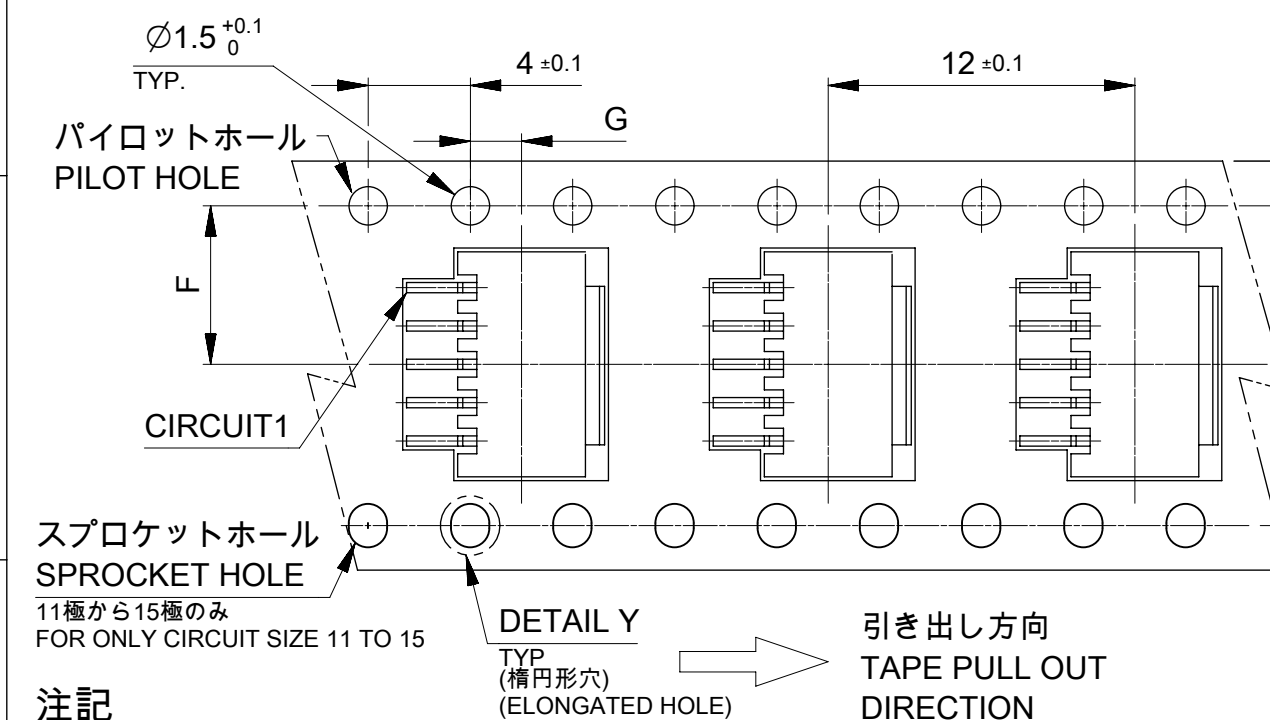
△5 嵌合図
MATED CONNECTORS



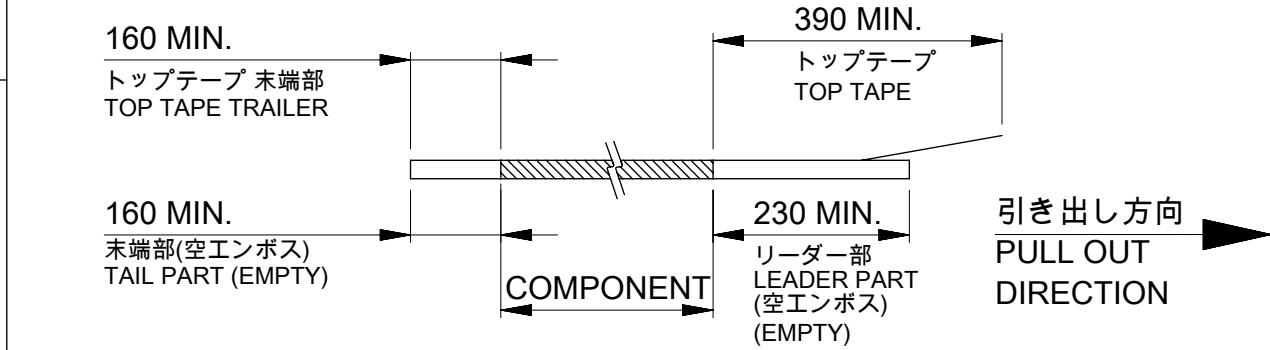
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DIMENSION UNITS		SCALE	CURRENT REV DESC: REVISED				molex			
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 688265 DRWN: RTANAKA022021/11/24 CHK'D: SAKIYAMA2021/12/09 APPR: KOMURAKAMI2021/12/09 INITIAL REVISION: DRWN: RTANAKA022018/12/06 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	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
					A3-SIZE	87438	SEE SHEET 3		GENERAL	2 OF 3
DOCUMENT NUMBER 874380231-SD							DOC TYPE PSD	DOC PART 000	REVISION B	
PRODUCT CUSTOMER DRAWING										
PICO-SPOX 1.5 W/B CONN R/A HEADER ASSY (SMT TIN PLATING VERSION)										

エンボス梱包 詳細
EMBOSSSED CARRIER TAPE PACKING DETAILS

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=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：SPK-87438-001
PACKING INFORMATION：SPK-87438-001

発注番号
ORDER NUMBER
87438- * * * 3

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR
02 から 15 02 TO 15	4: ベージュ BEIGE
	6: 黒 BLACK

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/09	07:34:05
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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: REVISED		molex			
			DIMENSION UNITS	SCALE						
			mm	NTS						
			GENERAL TOLERANCES (UNLESS SPECIFIED)					PICO-SPOX 1.5 W/B CONN R/A 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					
			0 PLACES	±	0.2					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
						THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
						⊗	A3-SIZE	87438	SEE SHEET 3	GENERAL
								2018/12/06	2019/04/26	SHEET NUMBER
								2019/04/26	2019/04/26	3 OF 3