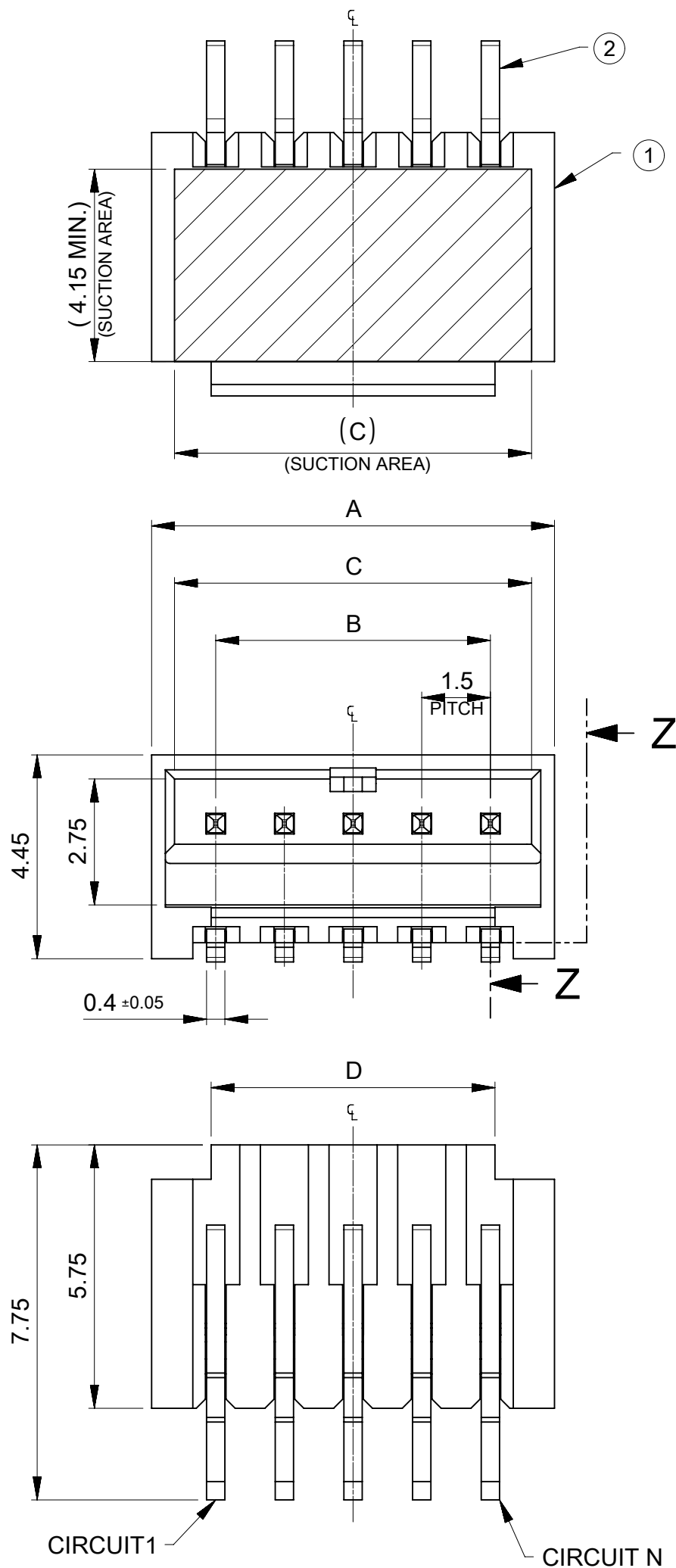
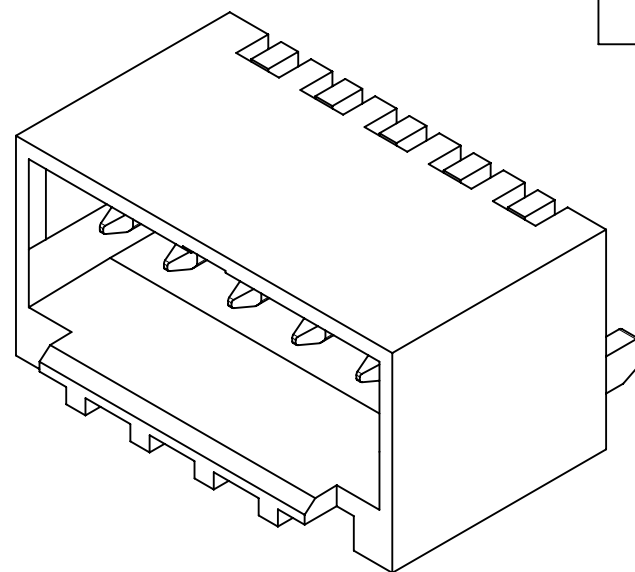




1 TABLE1			
番号 No.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ナイロン, UL94-V0, 色 : 自然色(ベージュ) / 黒 NYLON (PA), UL94-V0, COLOR : NATURAL(BEIGE) /BLACK	
②	ターミナル TERMINAL	材料 MATERIAL	黄銅 BRASS
		下地めっき UNDER PLATING	ニッケルめっき 1.27マイクロメートル以上 NICKEL PLATING 1.27micro-meter MIN
		接点部、テール CONTACT AND TAIL	無光沢錫めっき 2.54マイクロメートル以上 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) : TABLE1 参照
MATERIAL AND FINISH: SEE TABLE 1

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

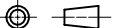
3. 製品取扱説明書 : 874370000-AS
APPLICATION SPECIFICATION : 874370000-AS

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

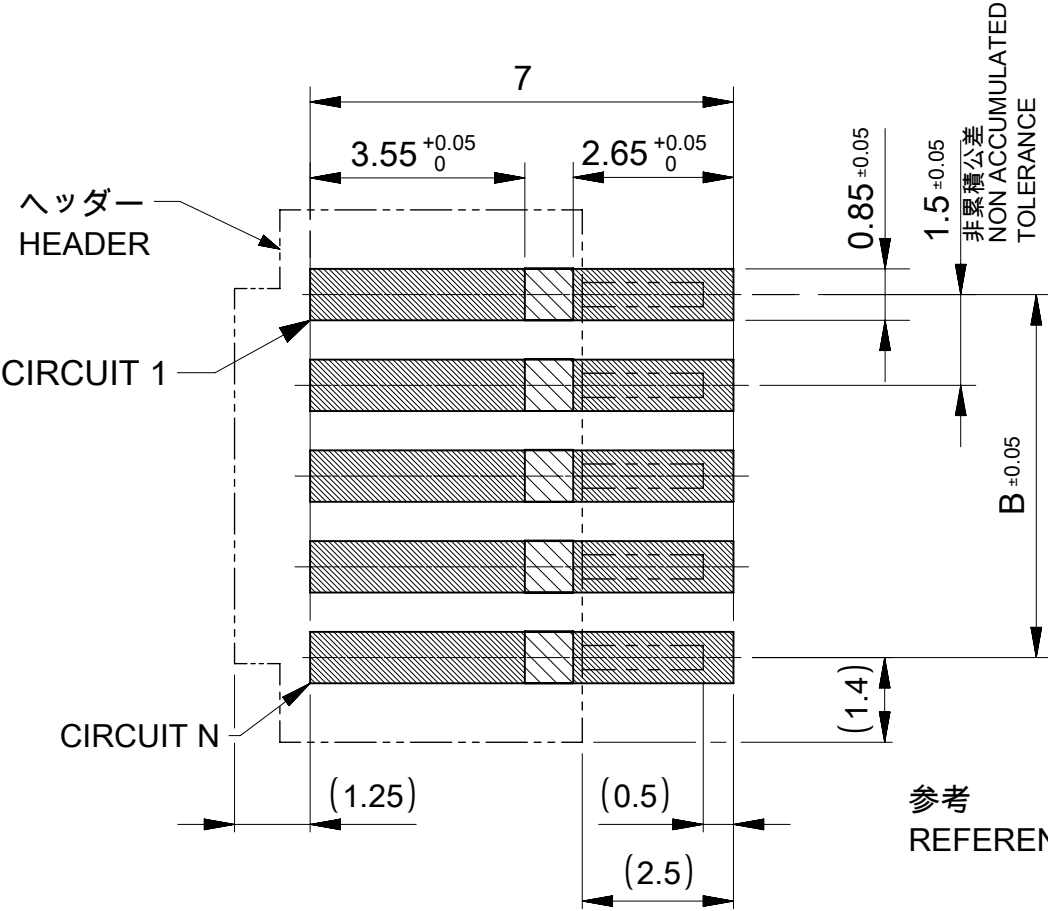
△5. 嵌合相手 : 87439シリーズ (リセプタクルハウジング), 87421シリーズ (圧着端子)
MATE WITH 87439 SERIES (RECEPTACLE HOUSING)
AND 87421 SERIES (CRIMP TERMINAL).

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.

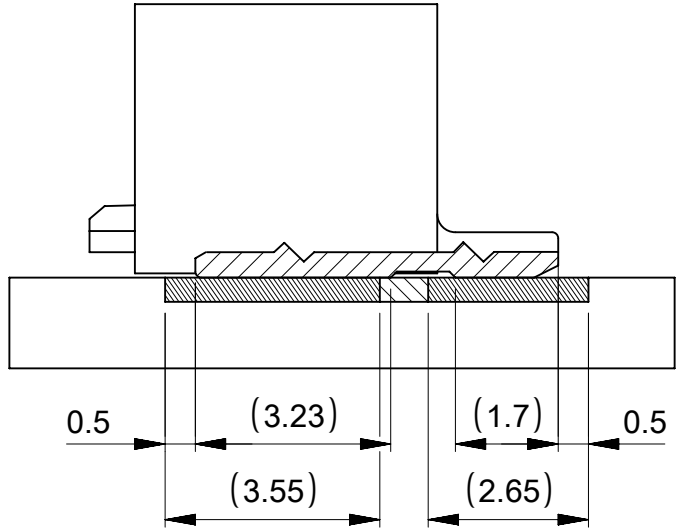
21.2	22.8	21.0	23.8	87438-15*1	15
19.7	21.3	19.5	22.3	87438-14*1	14
18.2	19.8	18.0	20.8	87438-13*1	13
16.7	18.3	16.5	19.3	87438-12*1	12
15.2	16.8	15.0	17.8	87438-11*1	11
13.7	15.3	13.5	16.3	87438-10*1	10
12.2	13.8	12.0	14.8	87438-09*1	9
10.7	12.3	10.5	13.3	87438-08*1	8
9.2	10.8	9.0	11.8	87438-07*1	7
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					
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				DOC TYPE		DOC PART		REVISION	
APPR: SAKIYAMA 2019/04/26				PSD		000		B	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		87438	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE SHEET 3		GENERAL		1 OF 3	

推奨基板レイアウト
RECOMMENDED PCB LAYOUT

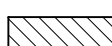


参考 : 基板厚 1.0mm
REFERENCE : PCB THICKNESS 1.0mm
メタルマスク厚 0.12mm
STENCIL THICKNESS 0.12mm
マスク開口率100%
APERTURE RATIO 100%.

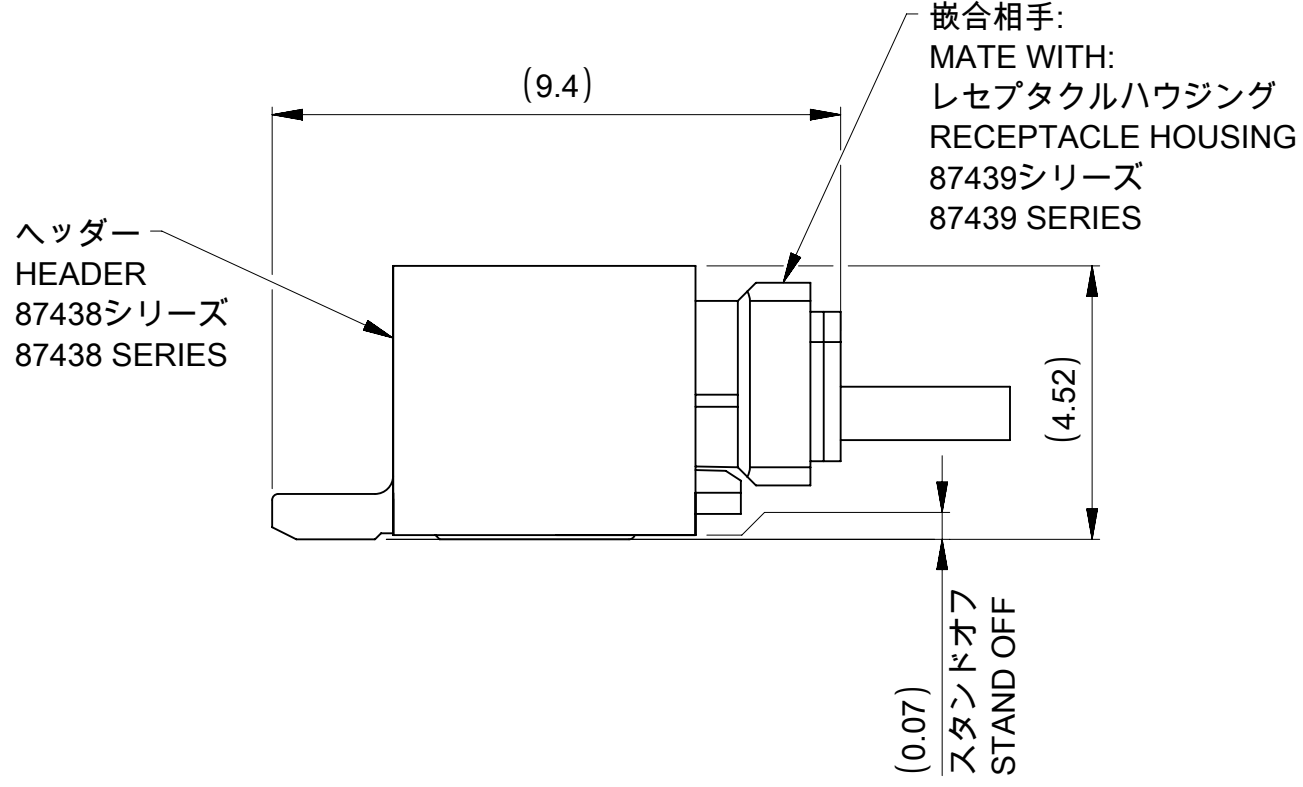


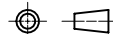
SECTION Z-Z

 : 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.

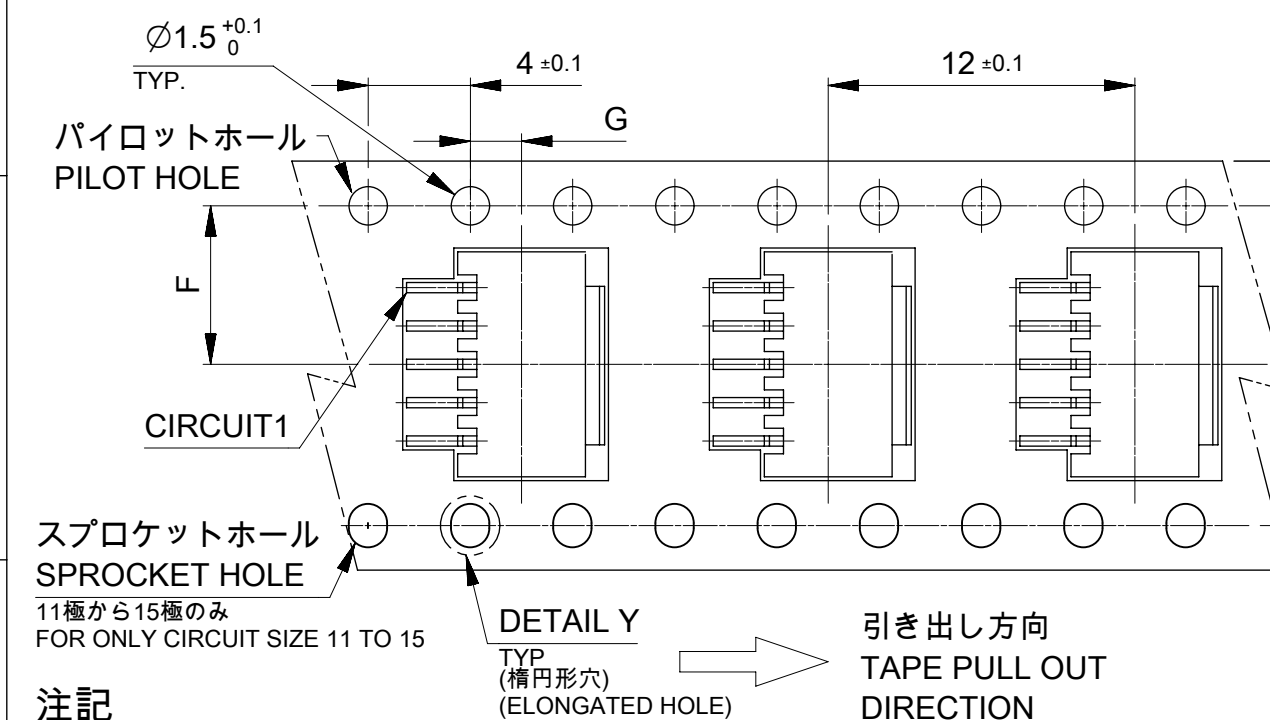
5 嵌合図
MATED CONNECTORS



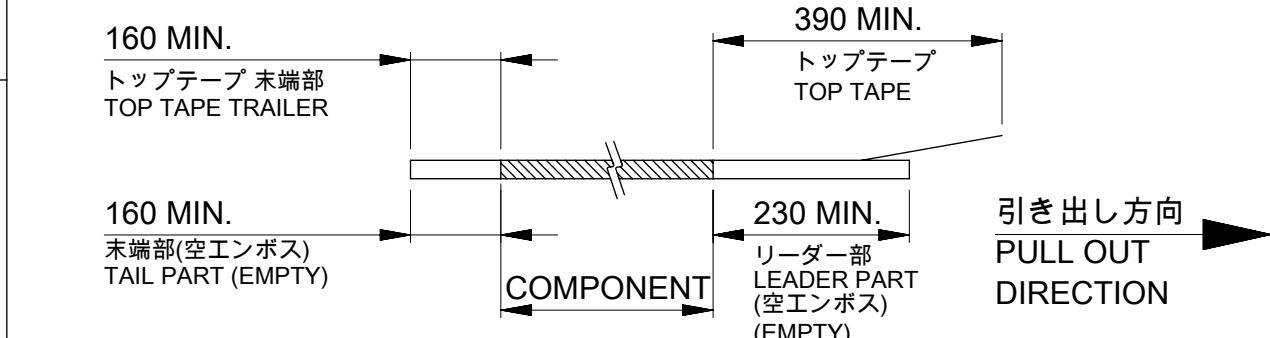
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE	CURRENT REV DESC: REVISED				molex PICO-SPOX 1.5 W/B CONN R/A HEADER ASSY (SMT TIN PLATING VERSION)				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0 °			EC NO: 688265 DRWN: RTANAKA02 2021/11/24 CHK'D: SAKIYAMA 2021/12/09 APPR: KOMURAKAMI 2021/12/09				PRODUCT CUSTOMER DRAWING				
4 PLACES ± 0.2											
3 PLACES ± 0.2											
2 PLACES ± 0.2											
1 PLACE ± 0.2											
0 PLACES ± 0.2			INITIAL REVISION: DRWN: RTANAKA02 2018/12/06 APPR: SAKIYAMA 2019/04/26				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
					A3-SIZE	87438	SEE SHEET 3		GENERAL		2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/09 07:34:05
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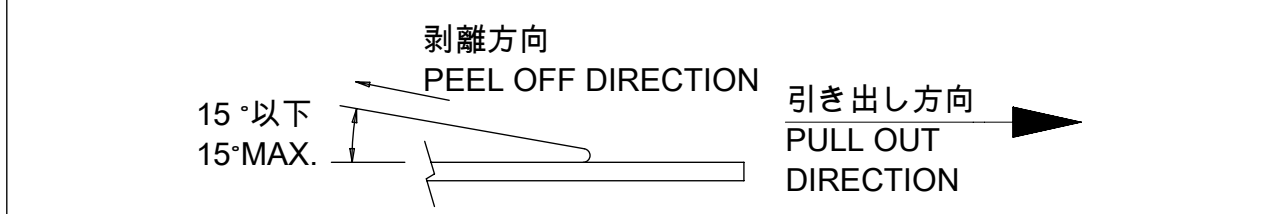
エンボス梱包 詳細
EMBOSSSED CARRIER TAPE PACKING DETAILS



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

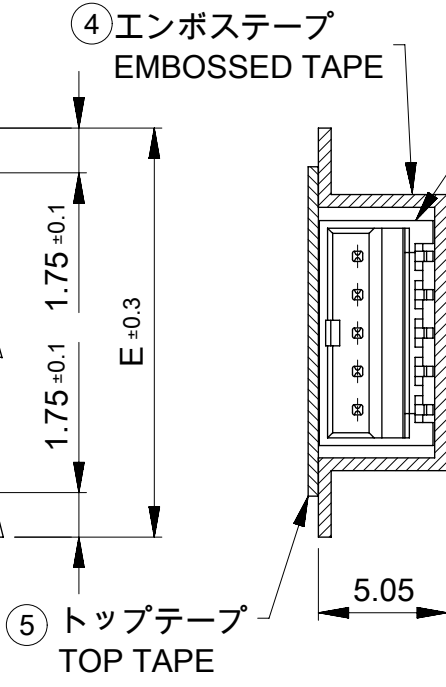


8. トップテープの剥離強度：IEC60286-3に準拠。
PEELING OFF FORCE OF THE TOP TAPE: DEFINED IEC60286-3.
(剥離方向は下図を参照)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

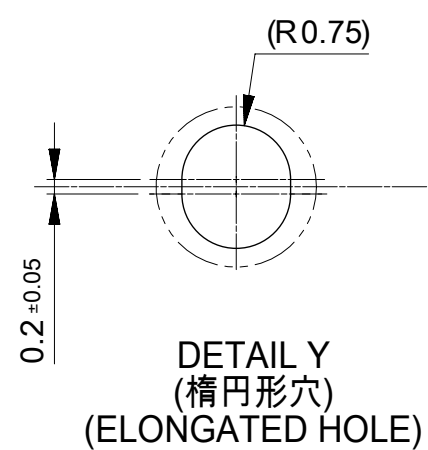


9. EIA-481に準拠する。
PACKAGING STANDARD IS AS PER EIA-481.
10. 梱包数量=1000個/リール
TAPE & REEL QUANTITY=1000PCS/REEL
11. 本製品は乾燥剤入りハイバリア梱包での納品となる。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESICCANT.
12. 梱包仕様書：SPK-87438-001
PACKING INFORMATION：SPK-87438-001

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/09	07:34:05
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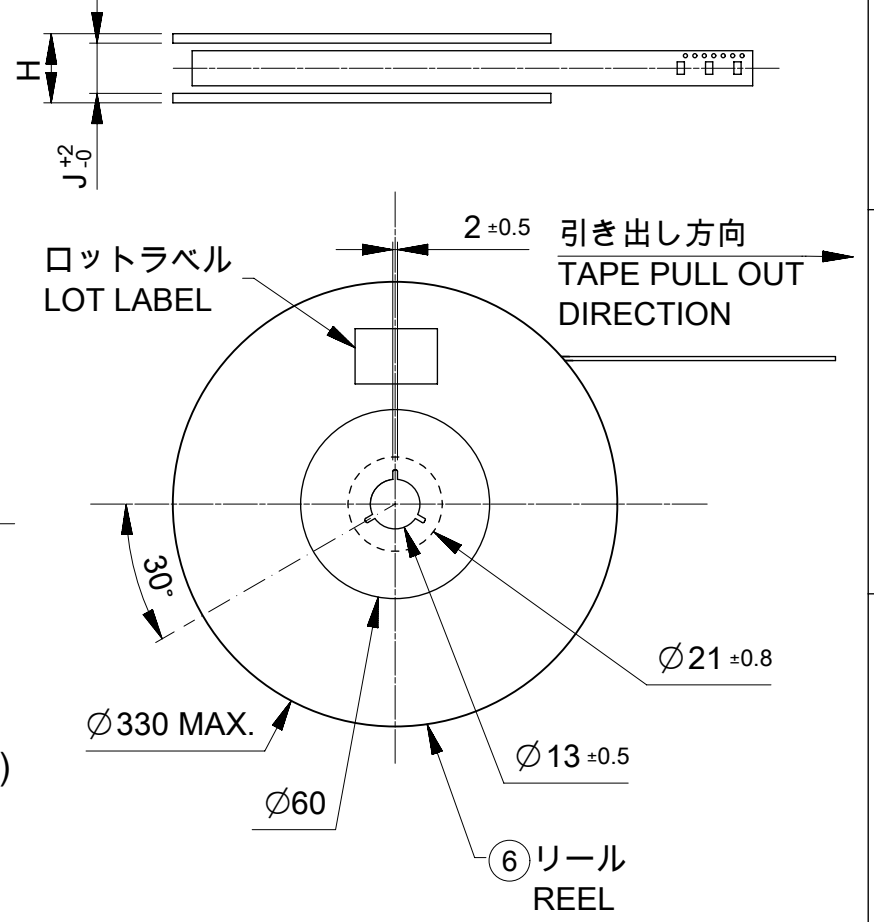
ヘッダー番号
HEADER NO.
87438-**41 (BEIGE)
87438-**61 (BLACK)



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

リール 詳細
REEL DETAILS



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

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
④	エンボステープ EMBOSSSED TAPE	ポリスチレン POLYSTYRENE (PS)	DIMENSION UNITS: mm, SCALE: NTS, CURRENT REV DESC: REVISED
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)	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
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, THIRD ANGLE PROJECTION, DRAWING: A3-SIZE, SERIES: 87438

EC NO: 688265	DRWN: RTANAKA02	2021/11/24	molex
CHK'D: SAKIYAMA	2021/12/09		
APPR: KOMURAKAMI	2021/12/09		
INITIAL REVISION:	DRWN: RTANAKA02	2018/12/06	PRODUCT CUSTOMER DRAWING
APPR: SAKIYAMA	2019/04/26		
DOCUMENT NUMBER: 874380231-SD			DOC TYPE: PSD
MATERIAL NUMBER: SEE SHEET 3			CUSTOMER: GENERAL
SHEET NUMBER: 3 OF 3			