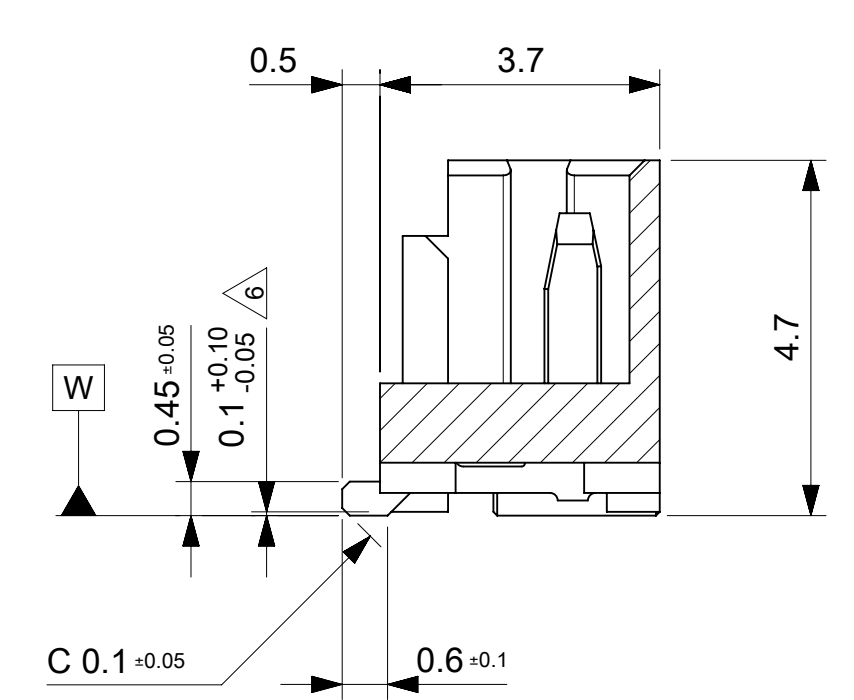
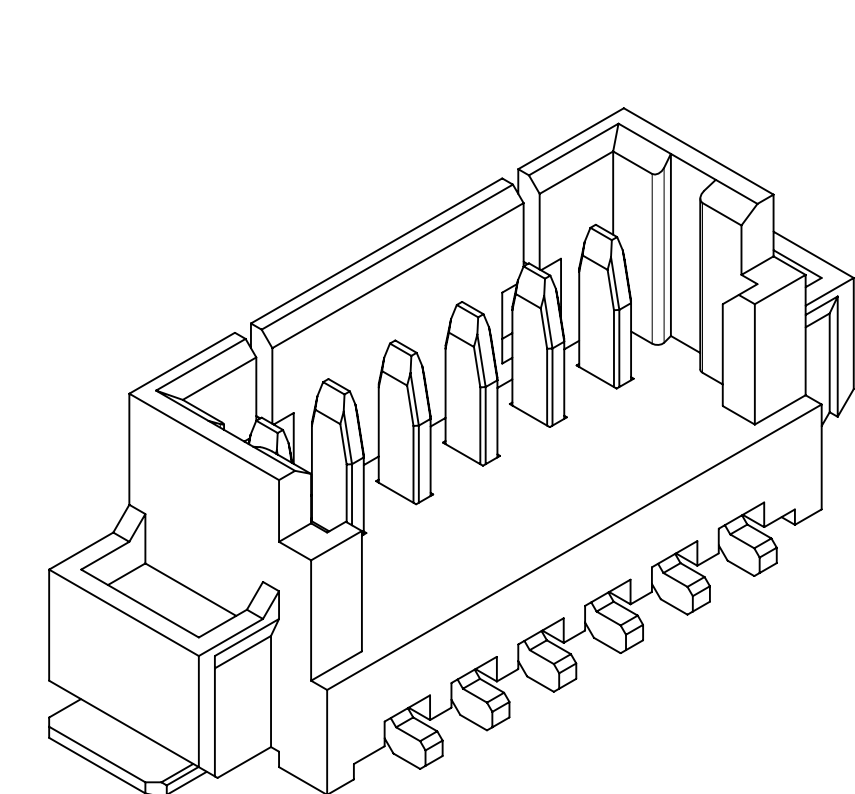
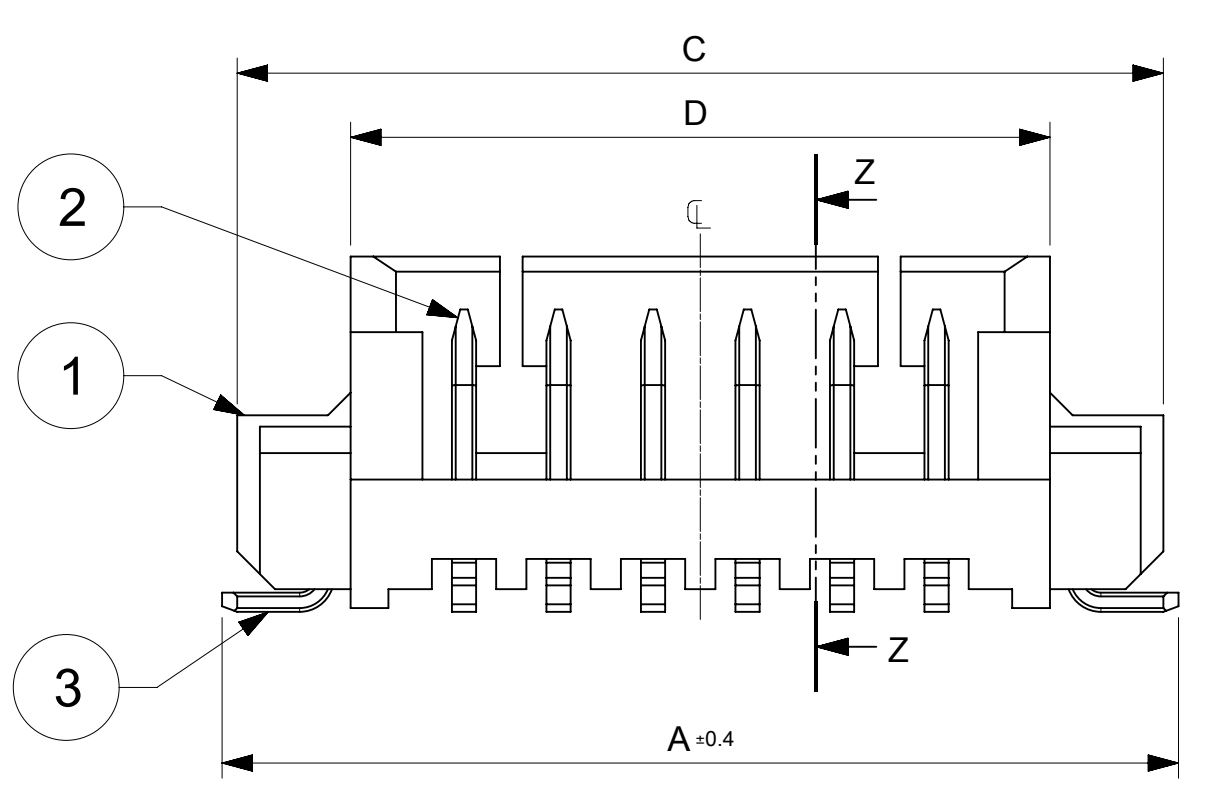
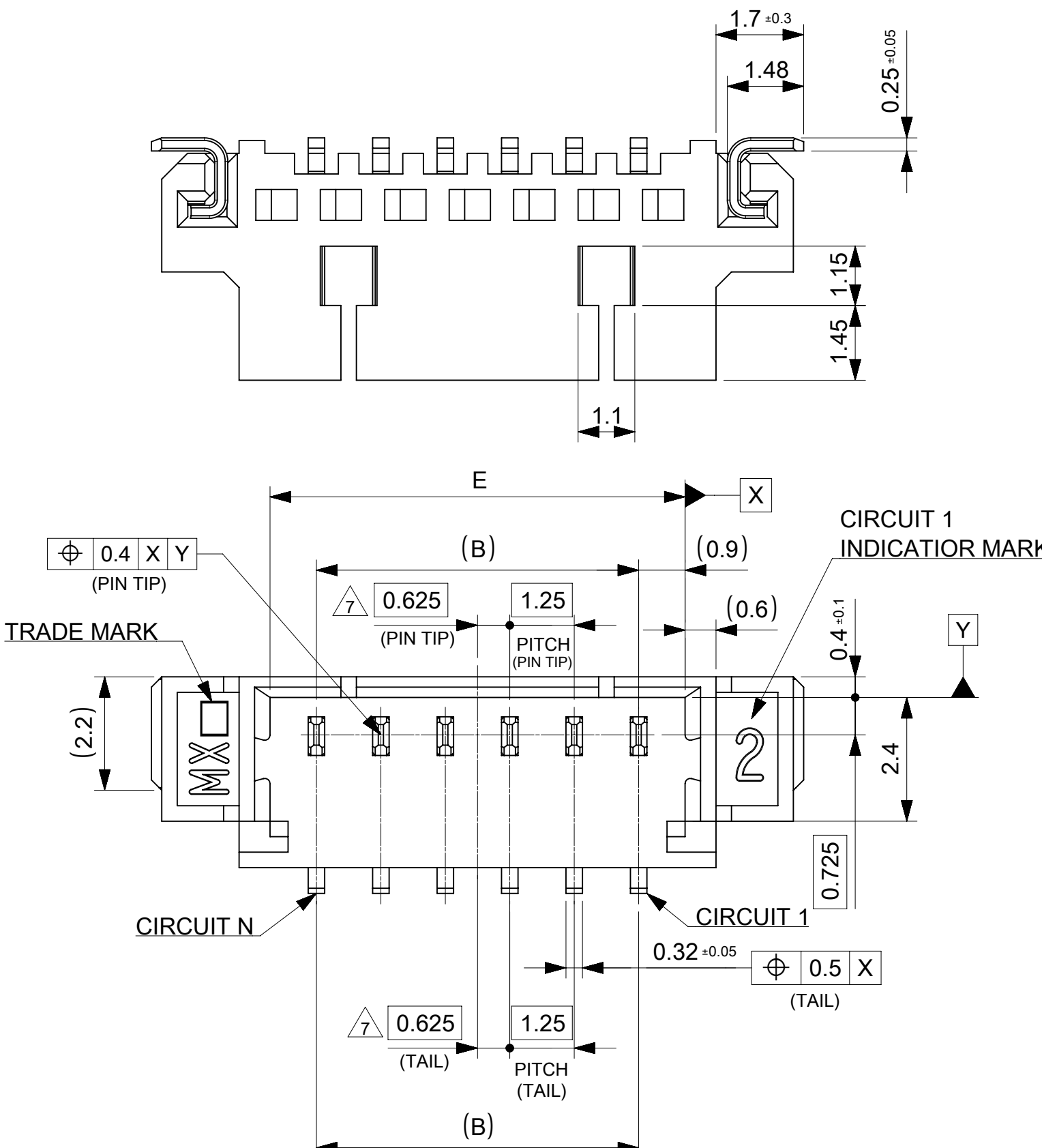
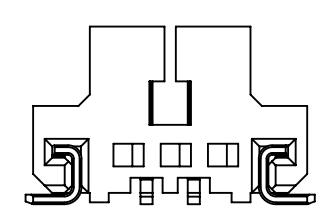
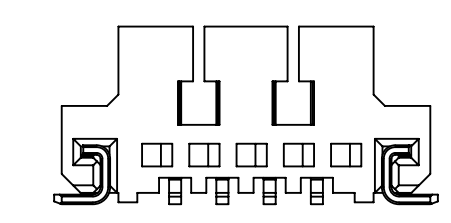




SECTION Z-Z



2, 3極形状 (1ロック)
FIGURE OF 2, 3 CIRCUIT (1 LOCK)



4~15極形状 (2ロック)
FIGURE OF 4-15 CIRCUIT (2 LOCKS)

NOTES

- 材料および仕上げ（めっき仕様）：TABLE 1参照
MATERIAL AND FINISHES : SEE TABLE 1
- 適用製品及び各種仕様書はSHEET 4を参照のこと
REFER TO SHEET 4 ABOUT APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS
- 梱包形態：SHEET 3 参照
PACKAGING INFOMATION : SEE SHEET 3
- 本製品は金めっき品です。錫めっき品は533980000-SDをご参照ください
THIS PRODUCT IS GOLD PLATING TYPE.
PLEASE REFER TO 533980000-SD FOR TIN PLATING TYPE.
- 端子テール部およびネイルの平坦度は0.1以下
COPLANARITY OF TAIL AND NAIL TO BE 0.1 MAX.
- 水平面上においてのハウジング底面 **W** とソルダーテール及びネイル底面とのズレ量を示す。
MISALIGNMENT OF SOLDER TAIL AND NAIL FROM **W**
- 偶数極のみに適用
APPLY TO EVEN CIRCUIT PRODUCTS.

18.6	19.3	20.5	23.5	17.5	23.9	15
17.35	18.05	19.25	22.25	16.25	22.65	14
16.1	16.8	18	21	15	21.4	13
14.85	15.55	16.75	19.75	13.75	20.15	12
13.6	14.3	15.5	18.5	12.5	18.9	11
12.35	13.05	14.25	17.25	11.25	17.65	10
11.1	11.8	13	16	10	16.4	9
9.85	10.55	11.75	14.75	8.75	15.15	8
8.6	9.3	10.5	13.5	7.5	13.9	7
7.35	8.05	9.25	12.25	6.25	12.65	6
6.1	6.8	8	11	5	11.4	5
4.85	5.55	6.75	9.75	3.75	10.15	4
3.6	4.3	5.5	8.5	2.5	8.9	3
2.35	3.05	4.25	7.25	1.25	7.65	2
F	E	D	C	B	A	極数 CIRCUIT SIZE

① TABLE 1

番号 NO.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ポリアミド(PA), UL94V-0, GLASS-FILLED, 色: ナチュラル(ベージュ) POLYAMIDE(PA), UL94V-0, GLASS-FILLED, COLOR: NATURAL (BEIGE)	
②	ターミナル TERMINAL	母材 MATERIAL	りん青銅 PHOSPHOR BRONZE
		コンタクト部 CONTACT AREA	金めっき : めっき厚は注記15参照 GOLD PLATING PLATING THICKNESS : SEE NOTE 15.
		テール部 TAIL AREA	金めっき GOLD PLATING
		下地めっき UNDER PLATING	ニッケルめっき 1.0 micro-meters MIN NICKEL PLATING 1.0 micro-meters MIN
③	ネイル NAIL	母材 MATERIAL	りん青銅 PHOSPHOR BRONZE
		テール部 TAIL AREA	無光沢錫めっき 1.0 micro-meters MIN MATTE TIN PLATING 1.0 micro-meters MIN
		下地めっき UNDER PLATING	ニッケルめっき 1.0 micro-meters MIN NICKEL PLATING 1.0 micro-meters MIN

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DIMENSION UNITS

mm

SCALE

NTS

CURRENT REV DESC:

EC NO: 744677
DRWN: QHE31
CHK'D: AIDA
APPR: MARAI

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

EC NO: 744677
DRWN: QHE31
CHK'D: AIDA
APPR: MARAI

2022/06/13
2023/07/24
2023/07/24

INITIAL REVISION:
DRWN: QHE31
APPR: KOMURAKAMI

2020/08/03
2021/05/27

DOCUMENT NUMBER

533980002-SD

DOC TYPE

PSD

DOC PART

000

REVISION

B

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE CHART OF SHEET3

CUSTOMER

GENERAL

SHEET NUMBER

1 OF 4

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DRAWING

A2-SIZE

SERIES

53398

DOCUMENT STATUS

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14

13

12

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8

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6

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4

3

2

1

H

G

F

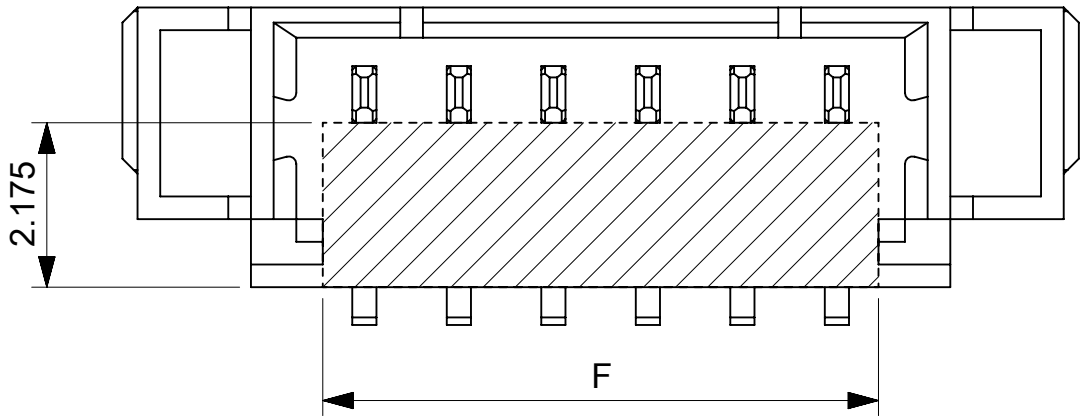
E

D

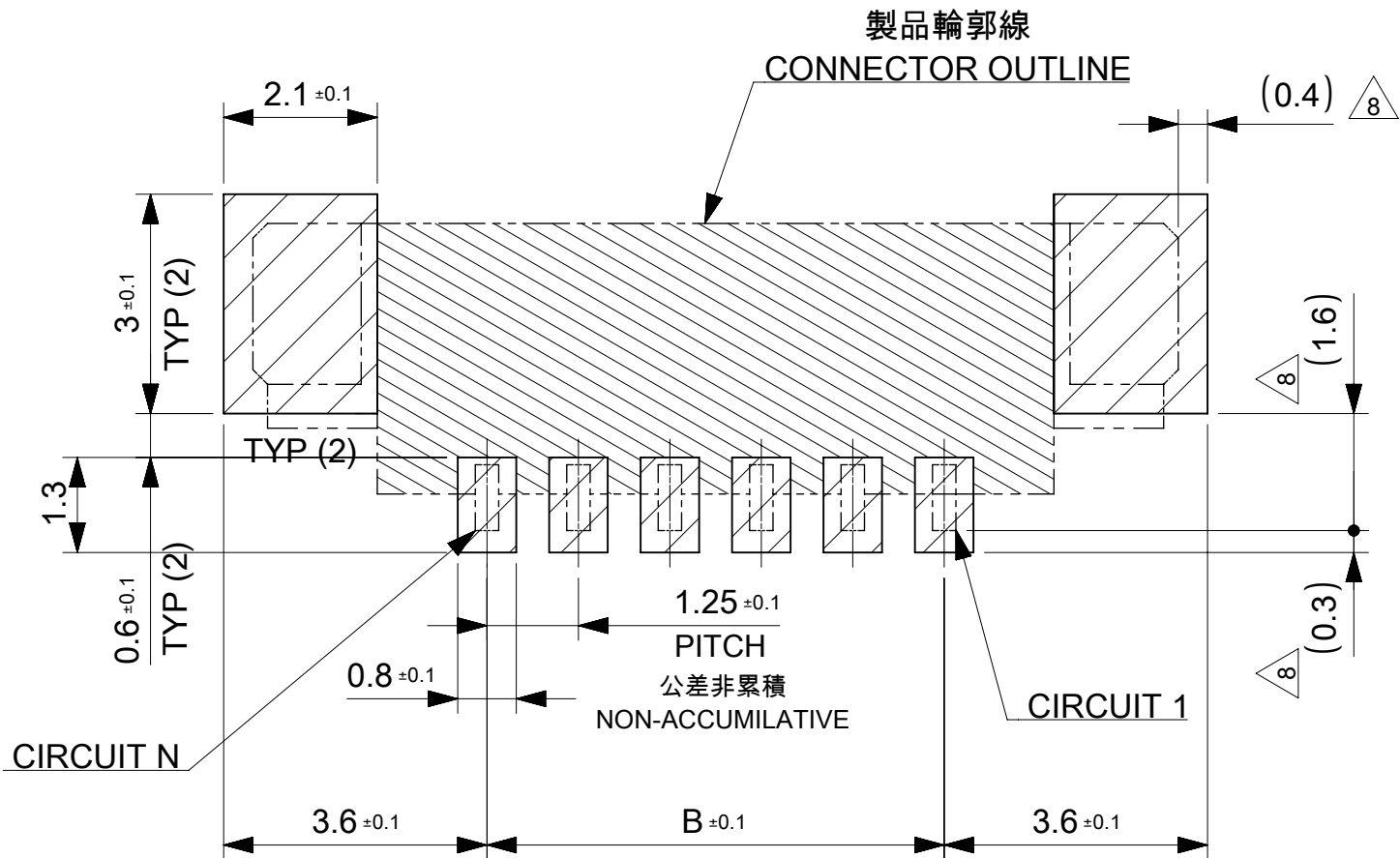
C

B

A



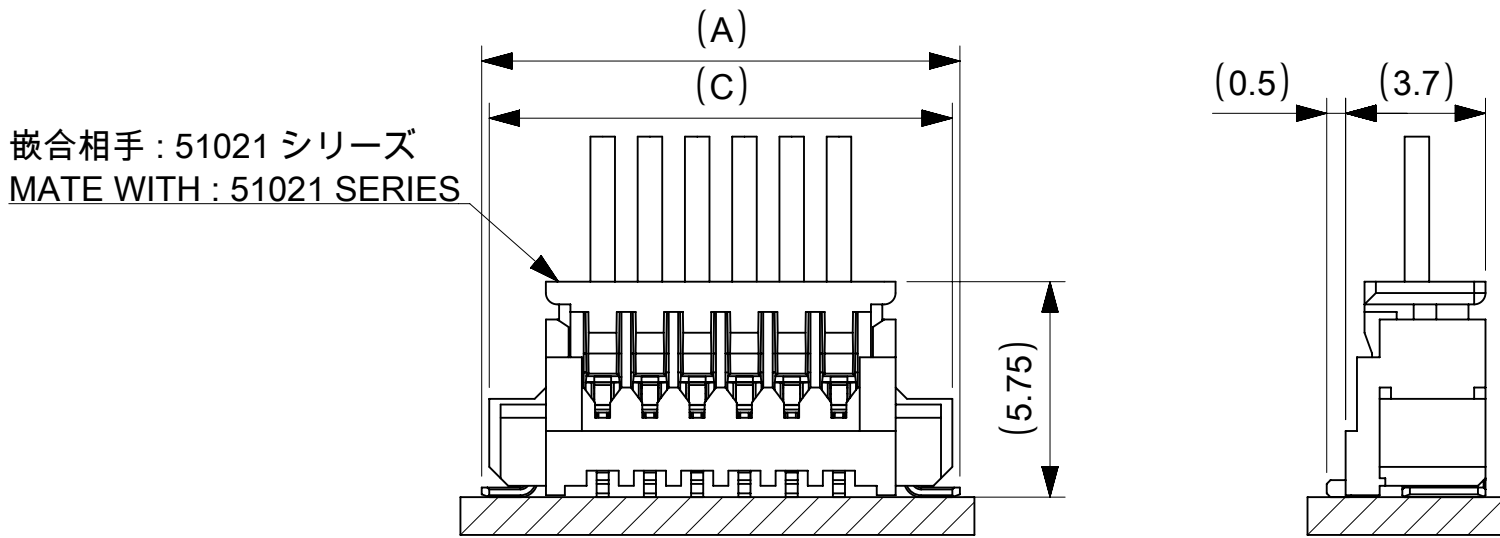
吸着面
VACUUM AREA



推奨基板レイアウト (実装面側)
RECOMMENDED PCB LAYOUT : COMPONENT SIDE

(参考 : 基板厚 1.0 MILLIMETER, メタルマスク厚さ: 0.15 MILLIMETER, マスク開口率:100%)
(REFERENCE : PCB THICKNESS 1.0 MILLIMETER, STENCIL THICKNESS: 0.15 MILLIMETER, APERTURE:100%)

パターン非推奨エリア
PATTERN NOT RECOMMENDED AREA



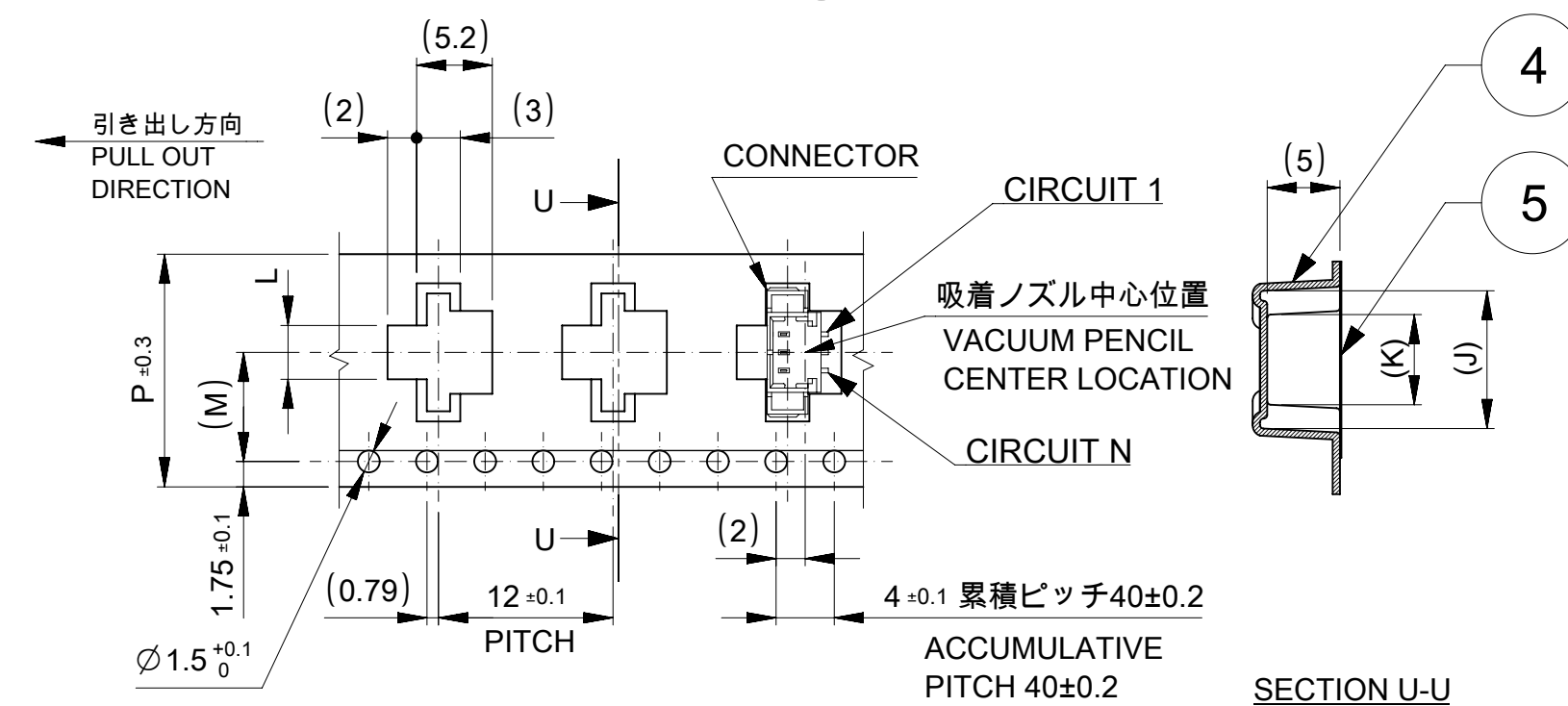
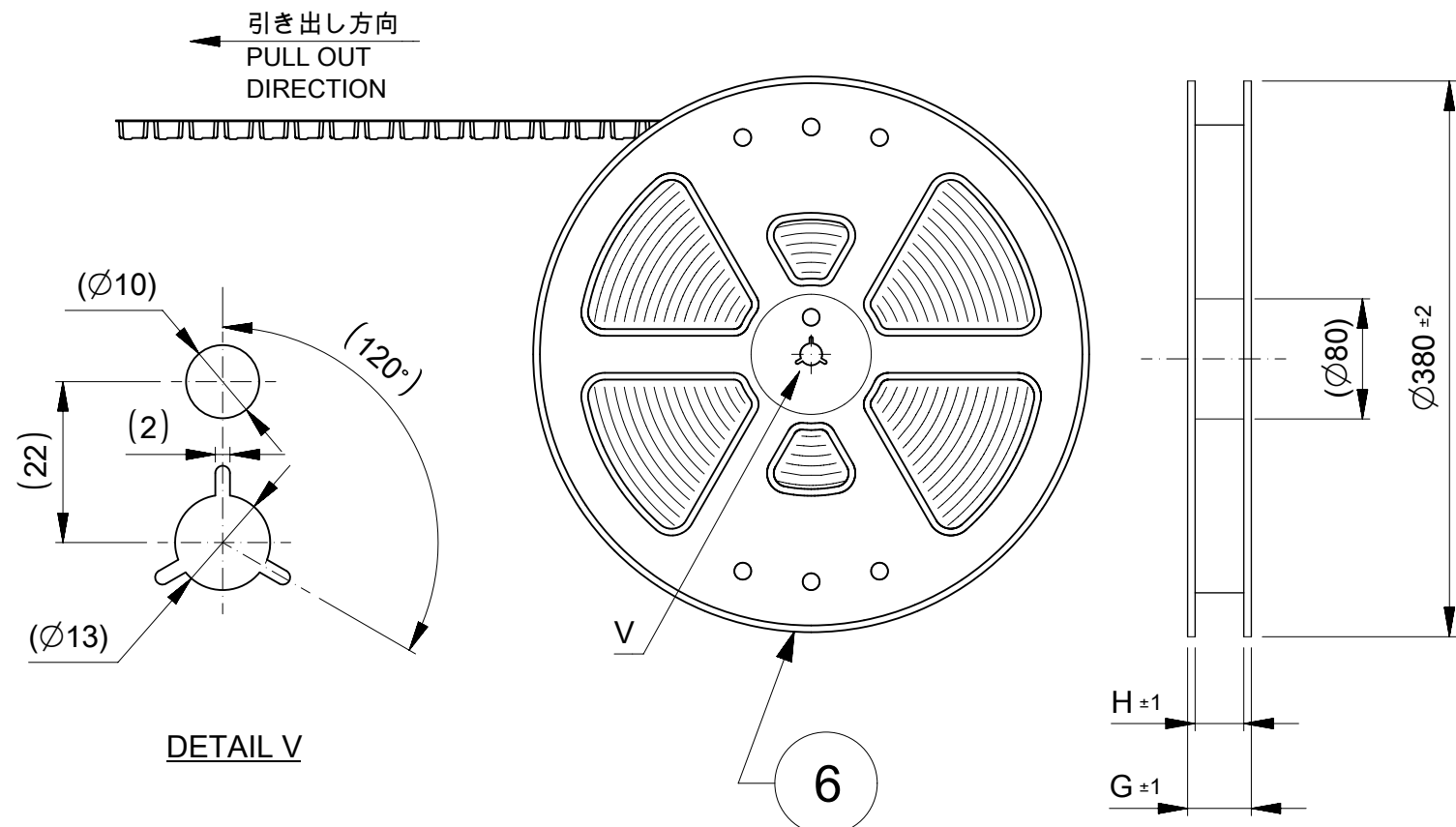
嵌合図
MATED CONNECTORS

- △₈ コネクタ外形からパッドまでの寸法を示す。
DIMENSIONS FROM CONNECTOR OUTLINE TO PAD
- △₉ 製品の基板実装部以外の金属露出部と基板パターンとの干渉、
および製品と基板上の突起物との干渉が生じないようにご配慮をお願いいたします。
PLEASE TAKE CARE NOT TO CAUSE INTERFERENCE BETWEEN EXPOSED
METAL PARTS EXCLUDING MOUNTING PORTION OF PRODUCT AND PWB PATTERN,
AND INTERFERENCE BETWEEN PRODUCT AND PROTRUSIONS ON PWB.

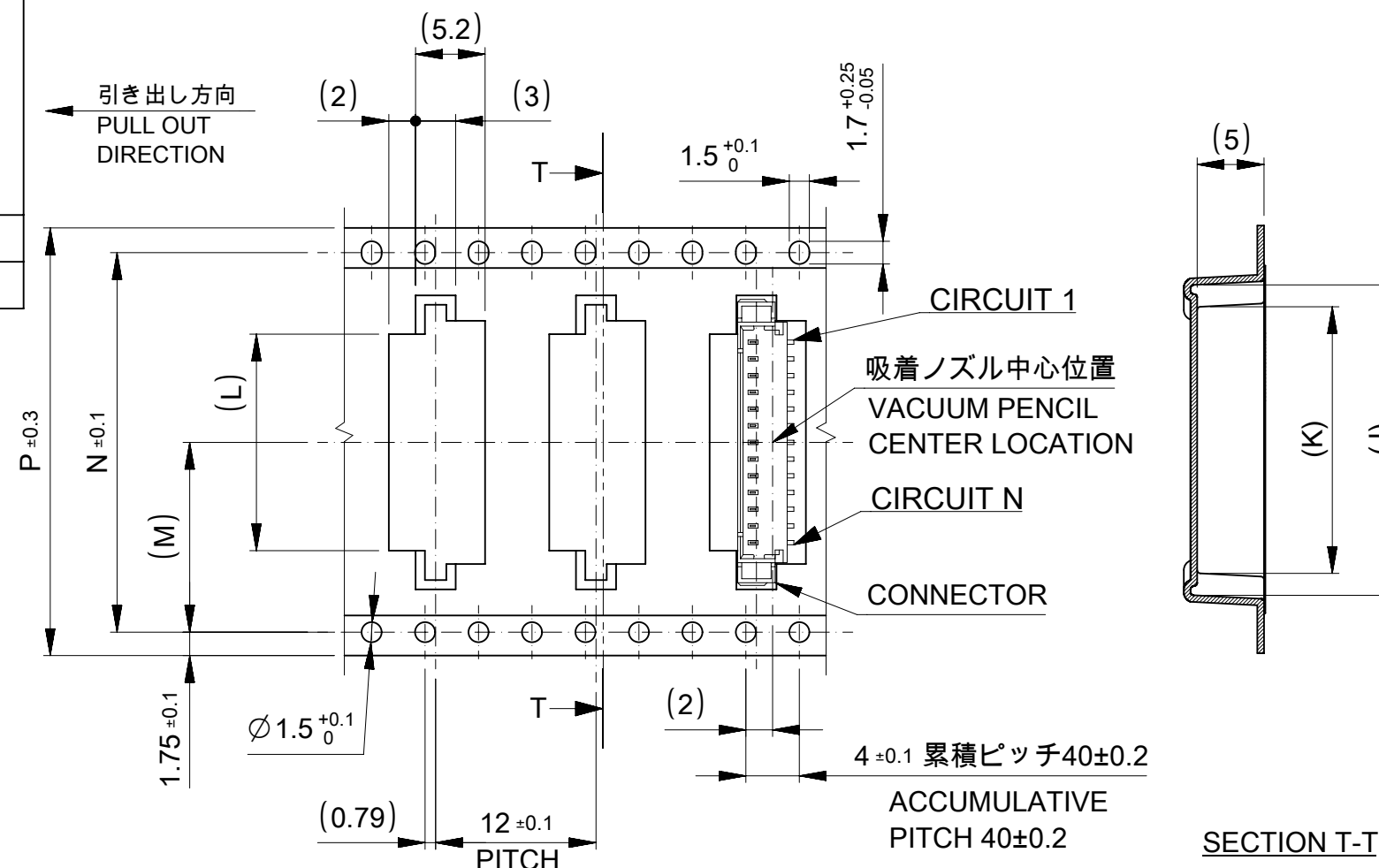
18.6	19.3	20.5	23.5	17.5	23.9	15
17.35	18.05	19.25	22.25	16.25	22.65	14
16.1	16.8	18	21	15	21.4	13
14.85	15.55	16.75	19.75	13.75	20.15	12
13.6	14.3	15.5	18.5	12.5	18.9	11
12.35	13.05	14.25	17.25	11.25	17.65	10
11.1	11.8	13	16	10	16.4	9
9.85	10.55	11.75	14.75	8.75	15.15	8
8.6	9.3	10.5	13.5	7.5	13.9	7
7.35	8.05	9.25	12.25	6.25	12.65	6
6.1	6.8	8	11	5	11.4	5
4.85	5.55	6.75	9.75	3.75	10.15	4
3.6	4.3	5.5	8.5	2.5	8.9	3
2.35	3.05	4.25	7.25	1.25	7.65	2
F	E	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:			molex							
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 744677 DRWN: QHE31 2022/06/13 CHK'D: AIDA 2023/07/24 APPR: MARAI 2023/07/24						PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE				
ANGULAR TOL ± 3.0 °							PRODUCT CUSTOMER DRAWING							
4 PLACES ± 0.2							DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
3 PLACES ± 0.2							533980002-SD		PSD	000	B			
2 PLACES ± 0.2							INITIAL REVISION:							
1 PLACE ± 0.2				DRWN: QHE31 2020/08/03										
0 PLACES ± 0.2				APPR: KOMURAKAMI 2021/05/27										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
						A2-SIZE		53398		SEE CHART OF SHEET3		GENERAL		2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/24	10:03:44
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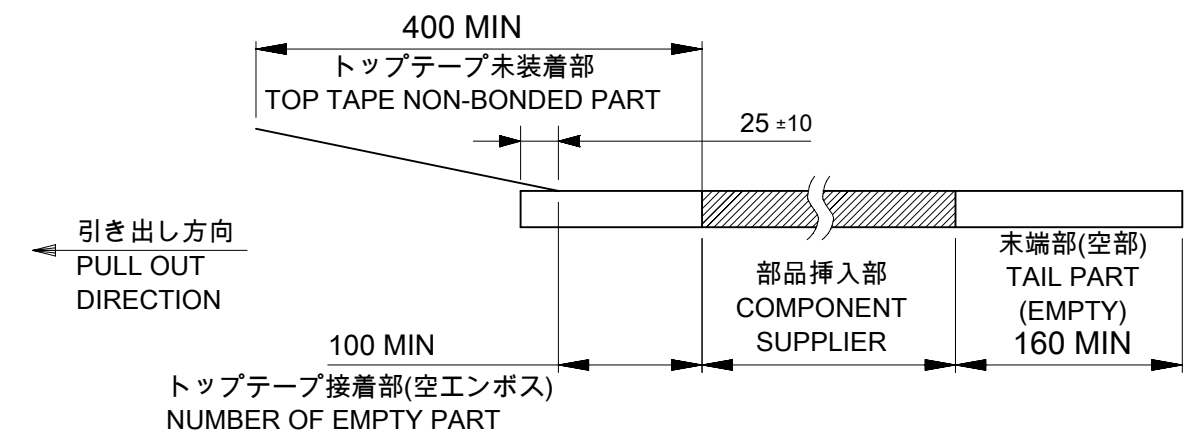
16mm幅(2~3極用) および24mm幅(4~10極用)キャリアテープ
16mm (FOR 2-3 CIRCUIT) OR 24mm (FOR 4-10 CIRCUIT) WIDTH CARRIER TAPE



32mm幅(11~13極用) および44mm幅(13~15極用)キャリアテープ
32mm (FOR 11-13 CIRCUIT) OR 44mm (FOR 13-15 CIRCUIT) WIDTH CARRIER TAPE

NOTES

10. 梱包数量 : 1400個/リール
NUMBER OF CONNECTOR : 1400PCS / REEL
11. リードテープ長さ
LEAD TAPE LENGTH



12. 材料：TABLE 2 参照
MATERIAL：REFER TO TABLE 2

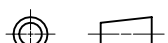
13. トップテープの剥離強度はIEC60286-3に準拠
TOP TAPE PELING FORCE IS DEFINED BY IEC60286-3.

14. 本製品は乾燥剤入り、ハイバリア梱包仕様による納品となります。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESICCANT.

12 TABLE 2

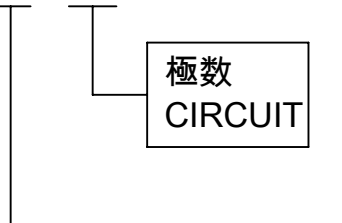
番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	MXL生産分：ポリプロピレン(PP) PROCEED BY MXL: POLYPROPYLENE(PP) MXK生産分：ポリスチレン(PS) PROCEED BY MXK: POLYSTYRENE(PS)
⑤	トップテープ TOP TAPE	ポリエチレンテレフタレート(PET)、その他 POLYETHYLENE TEREPHTHALATE(PET), OTHER
⑥	リール REEL	ポリスチレン(PS) <リサイクル材を含む> POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED >

44	40.4	20.2	18.7	20.8	24.5	45.4	49.4	15
			17.45	19.55	23.25			14
32	28.4	14.2	16.2	18.3	22	33.4	37.4	13
			14.95	17.05	20.75			12
			13.7	15.8	19.5			11
24	--	11.5	12.45	14.55	18.25	25.4	29.4	10
			11.2	13.3	17			9
			9.95	12.05	15.75			8
			8.7	10.8	14.5			7
			7.45	9.55	13.25			6
			6.2	8.3	12			5
			4.95	7.05	10.75			4
16	--	7.5	3.7	5.8	9.5	17.4	21.4	3
			2.45	4.55	8.25			2
キャリアテープ幅 p CARRIER TAPE WIDTH p	N	M	L	K	J	H	G	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:					molex									
mm		NTS																
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE														
ANGULAR TOL ± 3.0 °																		
4 PLACES		± 0.2		EC NO: 744677					2022/06/13									
3 PLACES		± 0.2		DRWN: QHE31					2023/07/24									
2 PLACES		± 0.2		CHK'D: AIDA					2023/07/24									
INITIAL REVISION:				PRODUCT CUSTOMER DRAWING														
				1 PLACE		± 0.2		DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION	
				0 PLACES		± 0.2		533980002-SD					PSD		000		B	
APPR: KOMURAKAMI				2020/08/03					2021/05/27									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
				A2-SIZE		53398		SEE CHART OF SHEET3		GENERAL		3 OF 4						

△15 発注番号
ORDER NUMBER

53398*0**

	極数 CIRCUIT	番号	接点部 金めっき厚 CONTACT GOLD PLATING THICKNESS
		4	FLASH
		5	0.38 micro-meters MIN

B	533985015	533984015	15	
	533985014	533984014	14	
	533985013	533984013	13	
	533985012	533984012	12	
	533985011	533984011	11	
	533985010	533984010	10	
	533985009	533984009	9	
	533985008	533984008	8	
	533985007	533984007	7	
	533985006	533984006	6	
	533985005	533984005	5	
	533985004	533984004	4	
	533985003	533984003	3	
	533985002	533984002	2	
	A	GOLD PLATING THICKNESS 0.38micro-meters MIN	GOLD PLATING THICKNESS FLASH	極数 CIRCUIT
発注番号 ORDER NO.				
梱包形態：エンボス梱包				
PACKAGING：EMBOSSD TAPE AND REEL				
DOCUMENT STATUS		P1	RELEASE DATE	2023/07/24

△

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適合製品および各種仕様書

APPLICABLE PRODUCTS AND SPECIFICATIONS

梱包仕様書 PACKING SPECIFICATION	PART NUMBER				SPECIFICATION NUMBER	
	53398****				SPK-53398-002	
適合嵌合相手 MATE WITH	HOUSING		CRIMP TREMINAL			
	51021****	WIRE SIZE (AWG)	GOLD PLATING THICKNESS		PART NUMBER	
		#28-32	FLASH		500588020	
			0.38 micro-meters		500588025	
		#26-28	FLASH		500798020	
			0.38 micro-meters		500798025	
製品仕様書 PRODUCT SPECIFICATION	510210001-PS PS 000					
アプリケーション仕様書 (取扱説明書) APPLICATION SPECIFICATION	510210000-AS PS 000					

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE			
ANGULAR TOL	± 3.0 °	EC NO: 744677 DRWN: QHE31 2022/06/13 CHK'D: AIDA 2023/07/24 APPR: MARAI 2023/07/24		PRODUCT CUSTOMER DRAWING			
4 PLACES	± 0.2			DOCUMENT NUMBER 533980002-SD PSD 000 B			
3 PLACES	± 0.2						
2 PLACES	± 0.2						
1 PLACE	± 0.2	INITIAL REVISION: DRWN: QHE31 2020/08/03 APPR: KOMURAKAMI 2021/05/27		MATERIAL NUMBER CUSTOMER GENERAL			
0 PLACES	± 0.2						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A2-SIZE	SERIES 53398	SHEET NUMBER 4 OF 4		

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