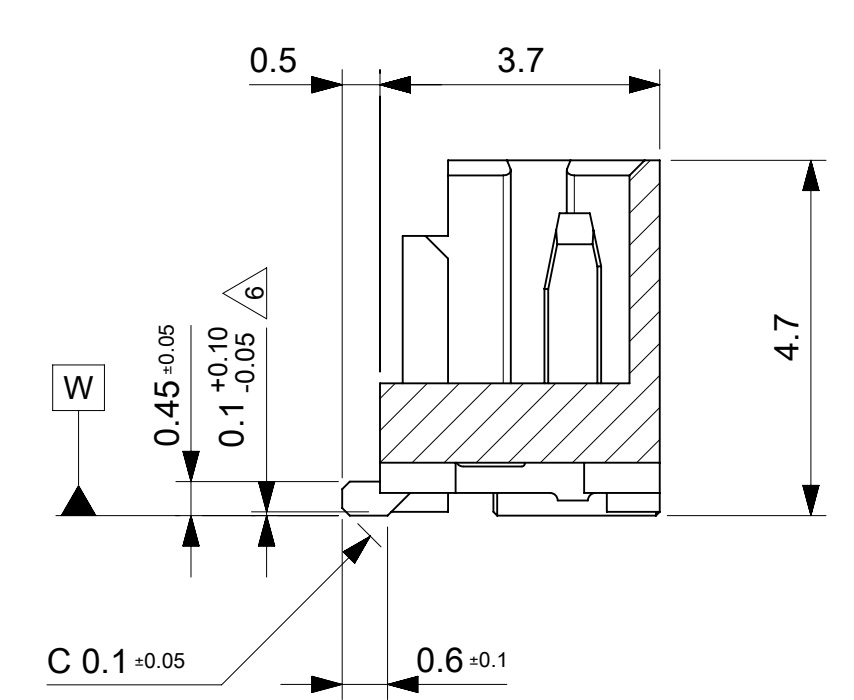
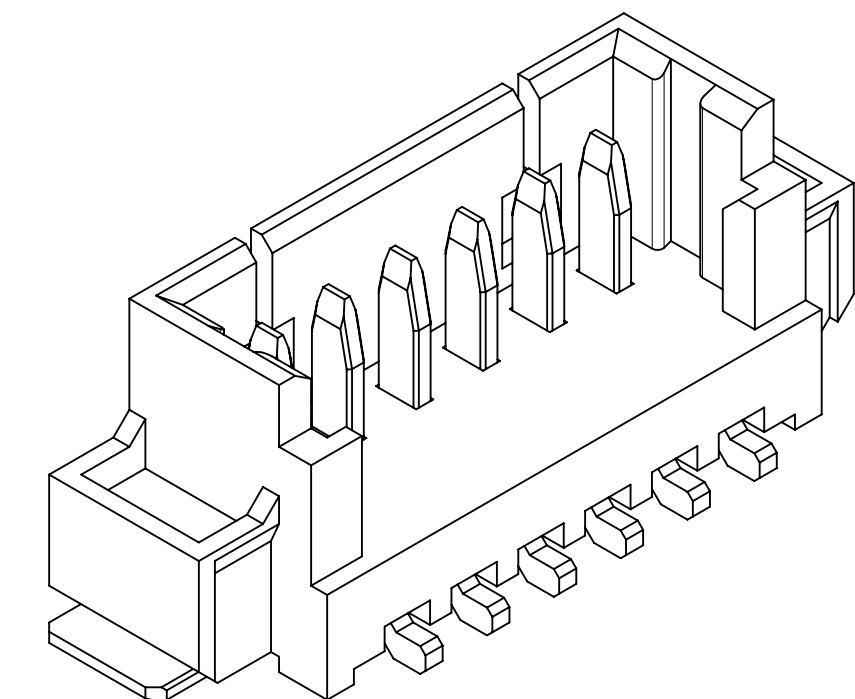
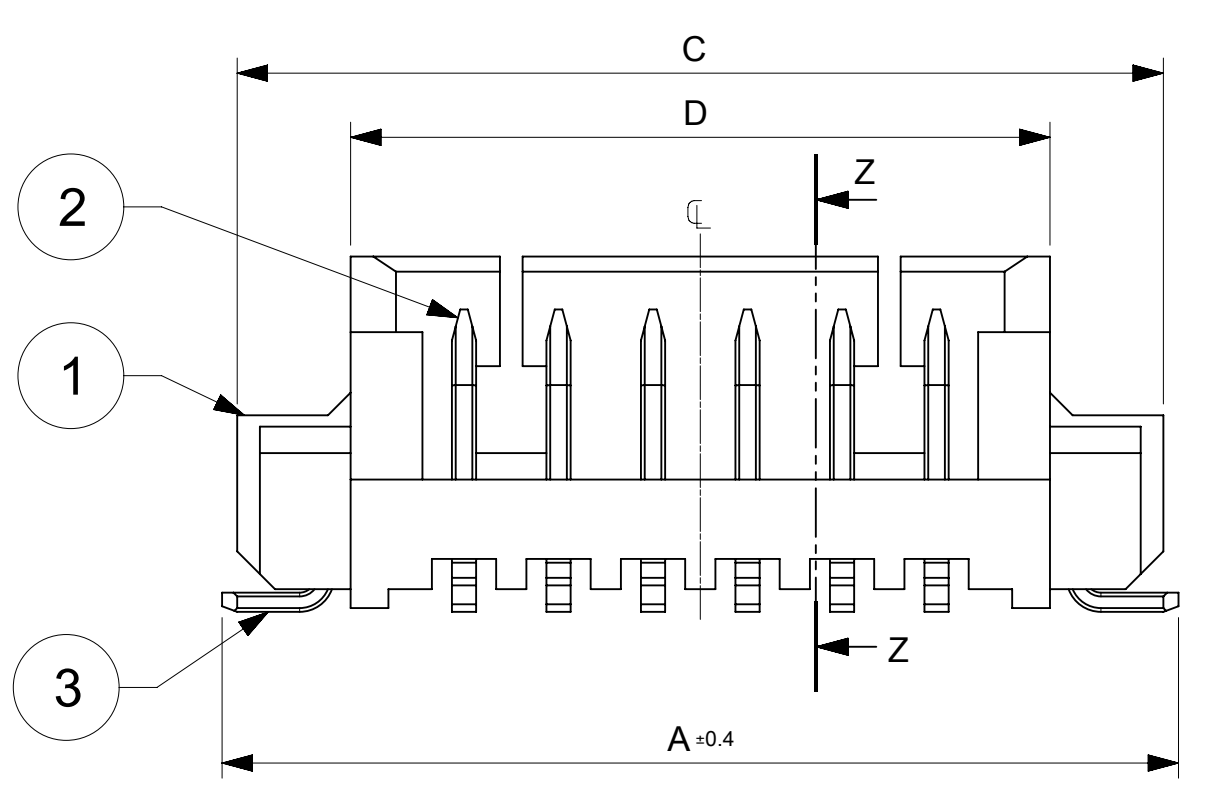
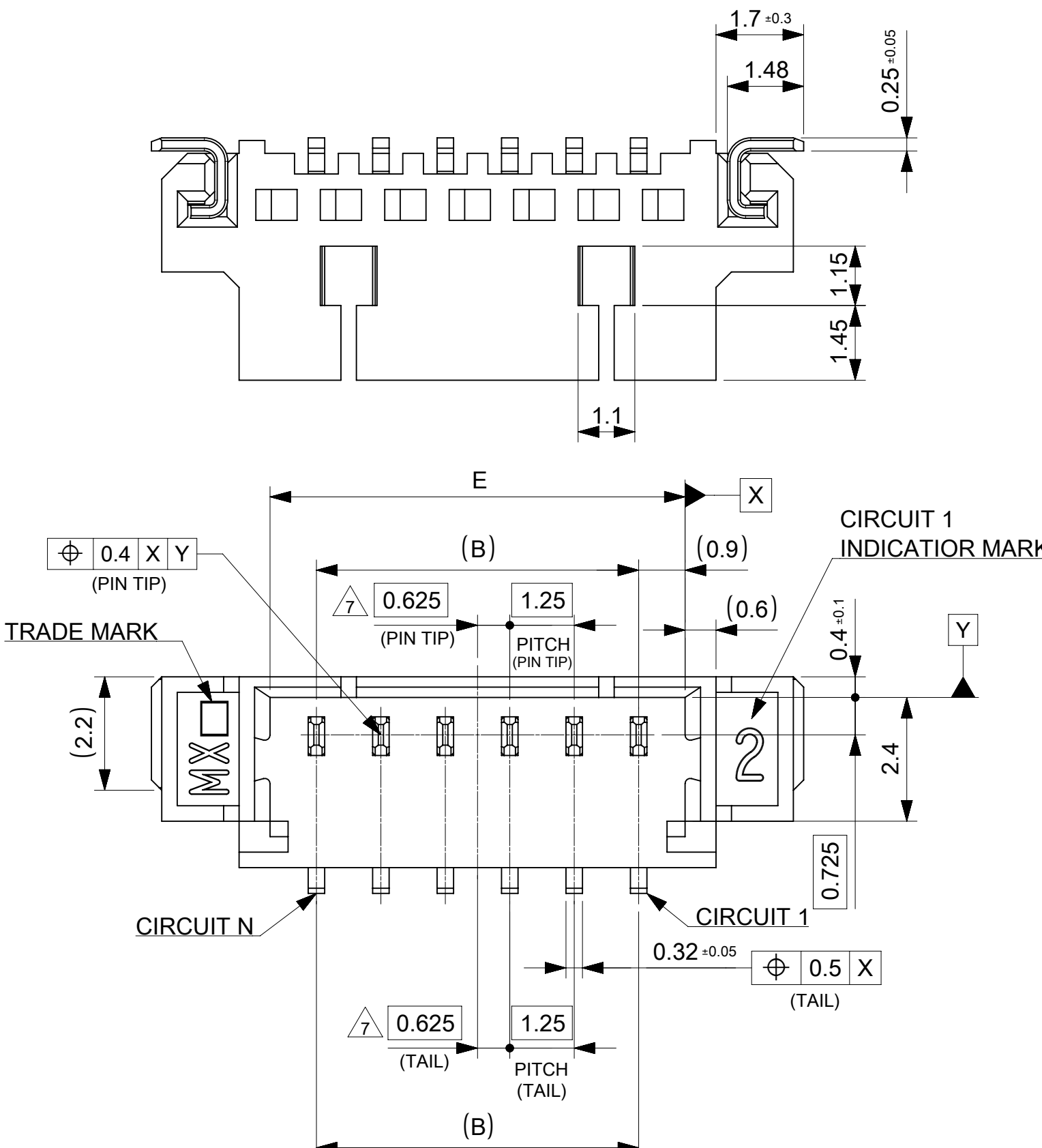
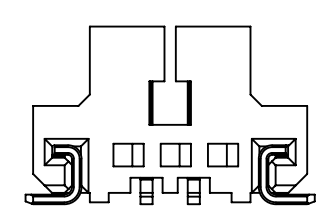
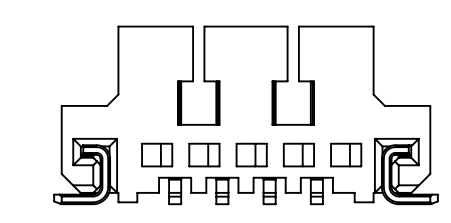




SECTION Z-Z



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

DOCUMENT STATUS

P1

RELEASE DATE

2023/07/24

10:03:44

FORMAT: 1000-0000-A2

REVISION: 1

DATE: 2023/07/24

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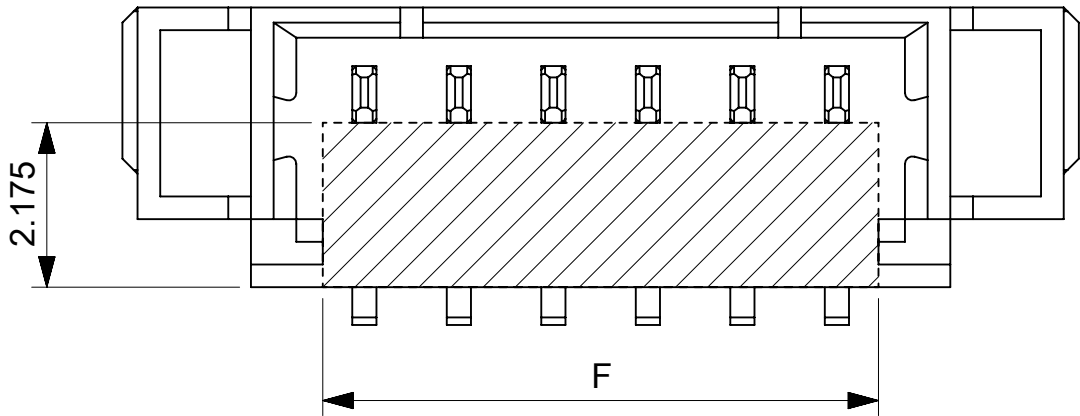
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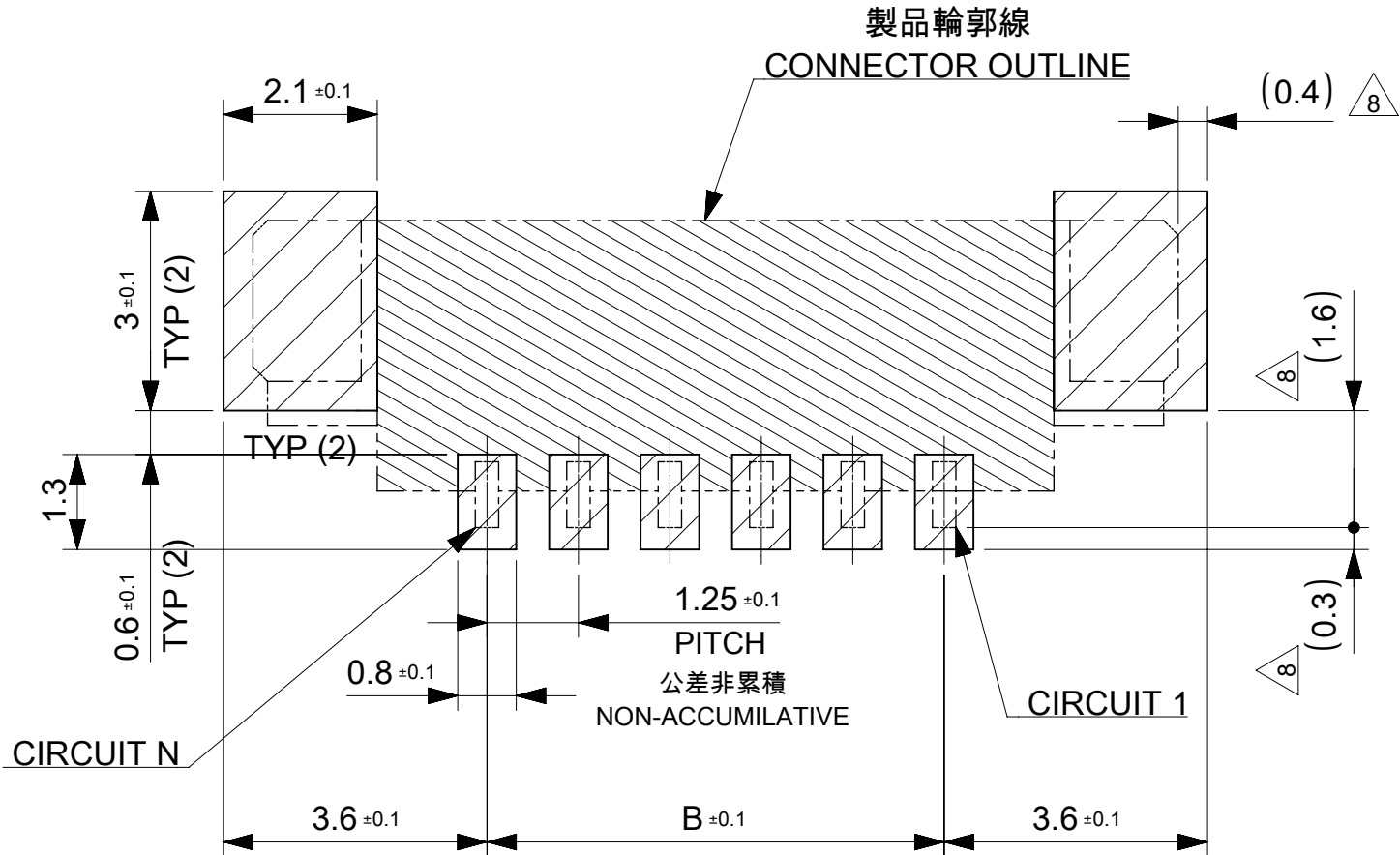
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2

1



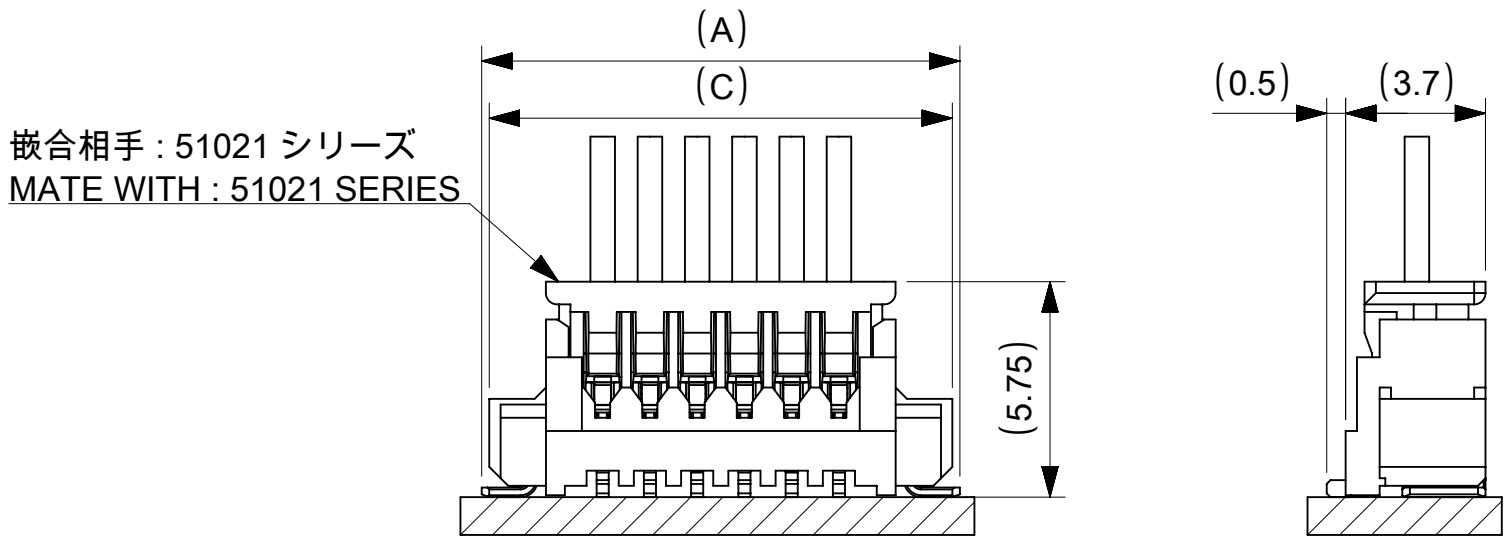
吸着面
VACUUM AREA



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

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)							
ANGULAR TOL	± 3.0 °	EC NO: 744677					
4 PLACES	± 0.2	DRWN: QHE31		2022/06/13			
3 PLACES	± 0.2	CHK'D: AIDA		2023/07/24			
2 PLACES	± 0.2	APPR: MARAI		2023/07/24		PRODUCT CUSTOMER DRAWING	
1 PLACE	± 0.2	INITIAL REVISION:				DOCUMENT NUMBER	
0 PLACES	± 0.2	DRWN: QHE31		2020/08/03		533980002-SD	
		APPR: KOMURAKAMI		2021/05/27		DOC TYPE DOC PART REVISION	
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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FORMAT: 000001-000002
REVISION: 1
DATE: 2023/07/24

14	13	12	11	10	9	8	7	6	5	4	3	2	1
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2

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		PRODUCT CUSTOMER DRAWING							
4 PLACES	± 0.2	DRWN: QHE31									
3 PLACES	± 0.2	CHK'D: AIDA									
2 PLACES	± 0.2	APPR: MARAI		DOCUMENT NUMBER 533980002-SD							
1 PLACE	± 0.2	INITIAL REVISION:									
0 PLACES	± 0.2	DRWN: QHE31									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A2-SIZE	SERIES 53398	MATERIAL NUMBER	CUSTOMER GENERAL				
						SHEET NUMBER 4 OF 4					

2022/06/13

2023/07/24

2023/07/24

2020/08/03

2021/05/27

DOC TYPE
PSD

DOC PART
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REVISION
B

DOCUMENT STATUS

P1

RELEASE DATE

2023/07/24

10:03:44

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