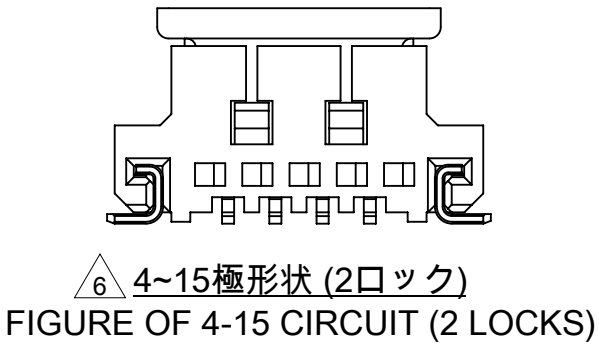
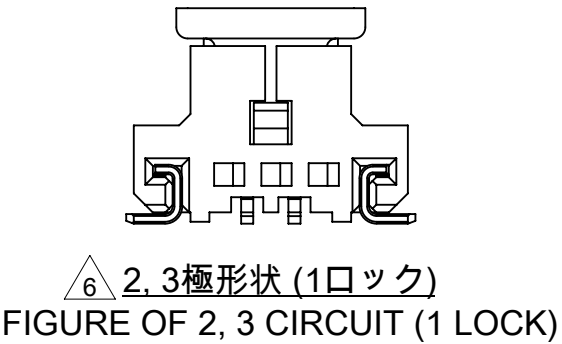
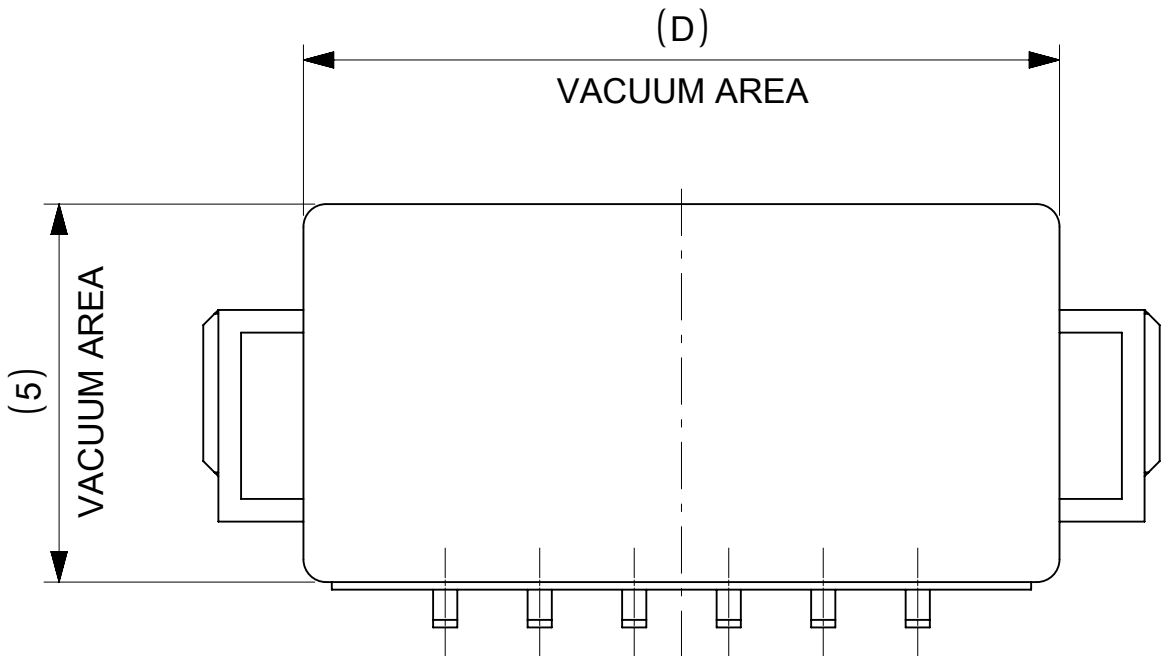
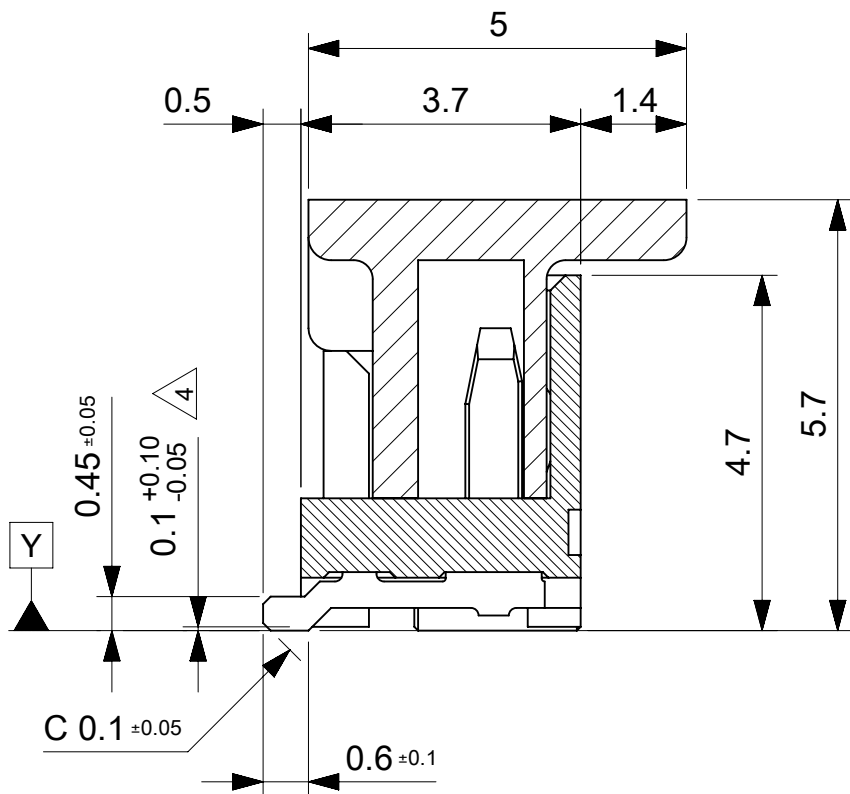
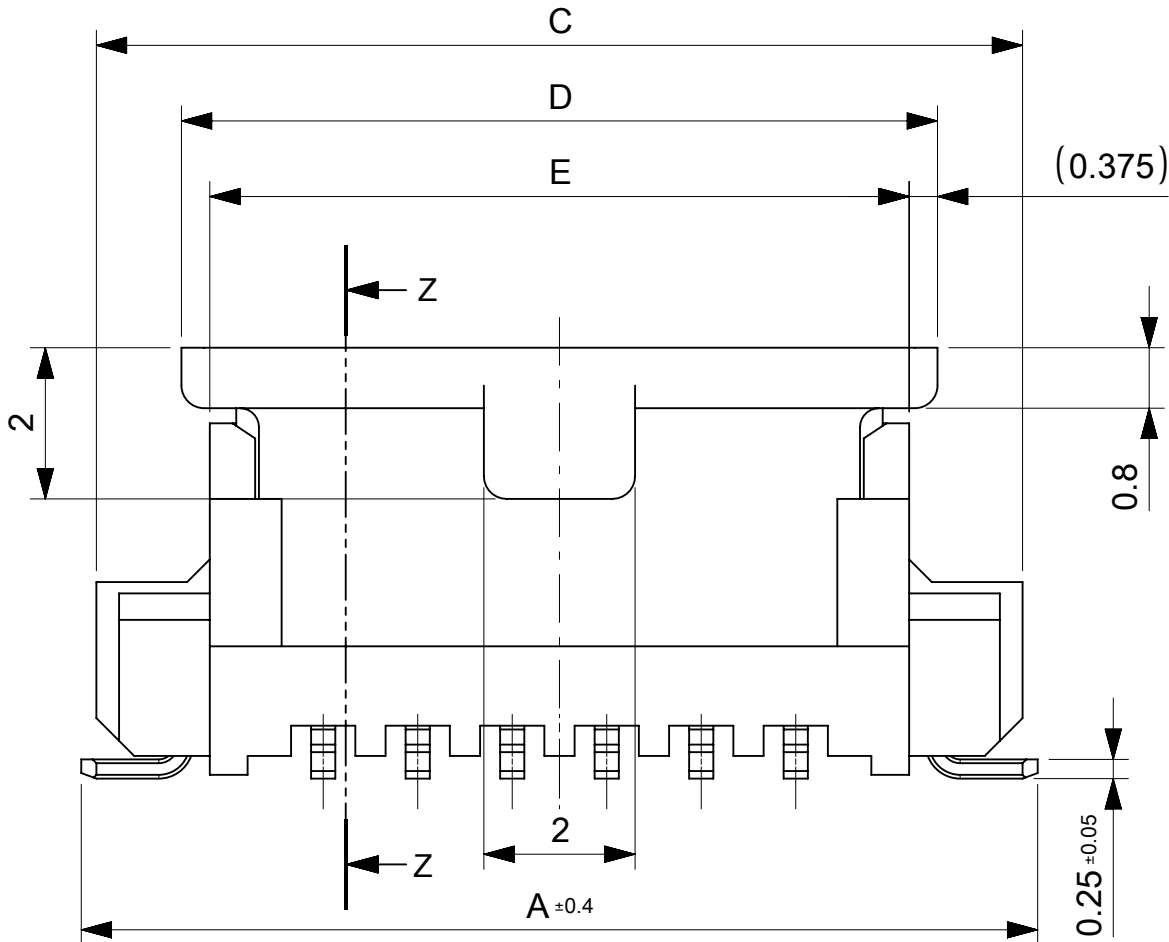




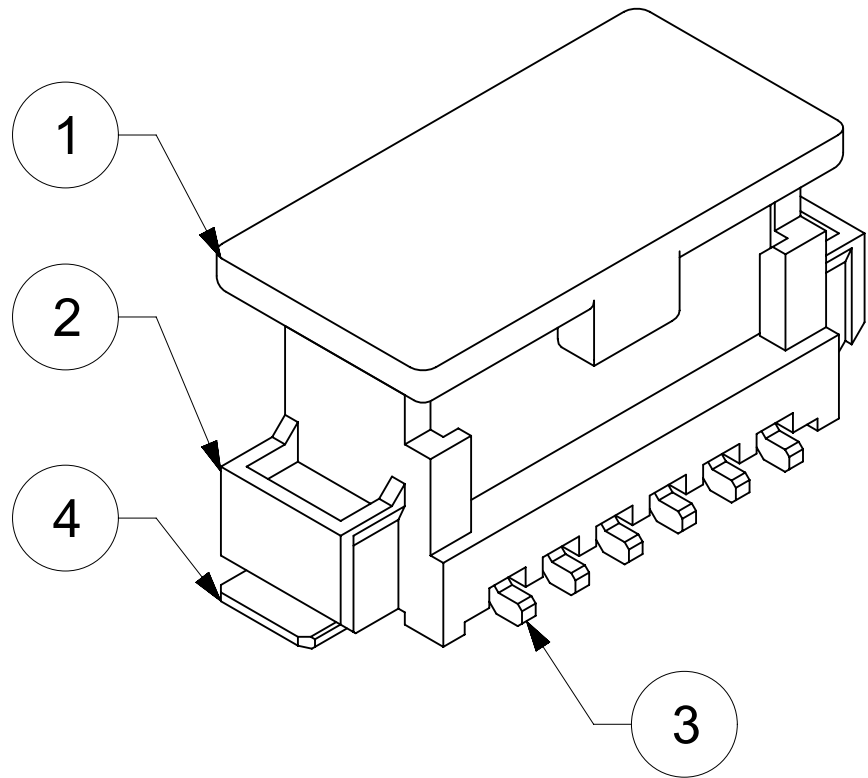
NOTES

- 1 材料および仕上げ（めっき仕様）：TABLE 1参照
MATERIAL AND FINISHES：SEE TABLE 1
- 2 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
- 3 梱包形態：SHEET 3 参照
PACKAGING INFORMATION：SEE SHEET 3
- 4 水平面上におけるハウジング底面 Y 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 Y
- 5 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.
- 6 ロックの数は、2,3極は1ロック、4極以上は2ロック。
LOCKING WINDOW: ONE PLACE FOR 2 AND 3 CIRCUIT,
AND TWO PLACES FOR MORE THAN 4 CIRCUIT.
- 7 本製品は錫めっき品です。金めっき品は533980002-SDをご参照ください
THIS PRODUCT IS TIN PLATING TYPE.
PLEASE REFER TO 533980002-SD FOR GOLD PLATING TYPE



SECTION Z-Z



18.6	19.3	20.5	21.25	23.5	17.5	23.9	15
17.35	18.05	19.25	20	22.25	16.25	22.65	14
16.1	16.8	18	18.75	21	15	21.4	13
14.85	15.55	16.75	17.5	19.75	13.75	20.15	12
13.6	14.3	15.5	16.25	18.5	12.5	18.9	11
12.35	13.05	14.25	15	17.25	11.25	17.65	10
11.1	11.8	13	13.75	16	10	16.4	9
9.85	10.55	11.75	12.5	14.75	8.75	15.15	8
8.6	9.3	10.5	11.25	13.5	7.5	13.9	7
7.35	8.05	9.25	10	12.25	6.25	12.65	6
6.1	6.8	8	8.75	11	5	11.4	5
4.85	5.55	6.75	7.5	9.75	3.75	10.15	4
3.6	4.3	5.5	6.25	8.5	2.5	8.9	3
2.35	3.05	4.25	5	7.25	1.25	7.65	2
G	F	E	D	C	B	A	極数 CIRCUIT SIZE

1 TABLE 1

番号 NO.	部品 PART	材質 MATERIAL	
①	吸着キャップ VACUUM CAP	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	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)	
③	ターミナル TERMINAL	母材 MATERIAL	りん青銅 PHOSPHOR BRONZE
		コンタクト部 CONTACT AREA	無光沢錫めっき 1.0 MICROMETER MINIMUM MATTE TIN PLATING 1.0 MICROMETER MINIMUM
		テール部 TAIL AREA	
		下地めっき UNDER PLATING	ニッケルめっき 1.0 MICROMETER MINIMUM NICKEL PLATING 1.0 MICROMETER MINIMUM
④	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 MICROMETER MINIMUM MATTE TIN PLATING 1.0 MICROMETER MINIMUM
		下地めっき UNDER PLATING	ニッケルめっき 1.0 MICROMETER MINIMUM NICKEL PLATING 1.0 MICROMETER MINIMUM

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DIMENSION UNITS

mm

SCALE

NTS

CURRENT REV DESC: REVISED

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

EC NO: 698818

DRWN: HHUSSIN

CHK'D: SAKIYAMA

APPR: AIDA

INITIAL REVISION:

DRWN: SOBARA01

APPR: SAKIYAMA

2022/02/16

2022/04/19

2022/04/19

2019/04/10

2019/04/25

PICOBLADE 1.25
SMT VERTICAL TYPE WITH VACUUM CAP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

533980001-SD

DOC TYPE

PSD

DOC PART

000

REVISION

C

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL

SHEET NUMBER

1 OF 4

THIRD ANGLE PROJECTION

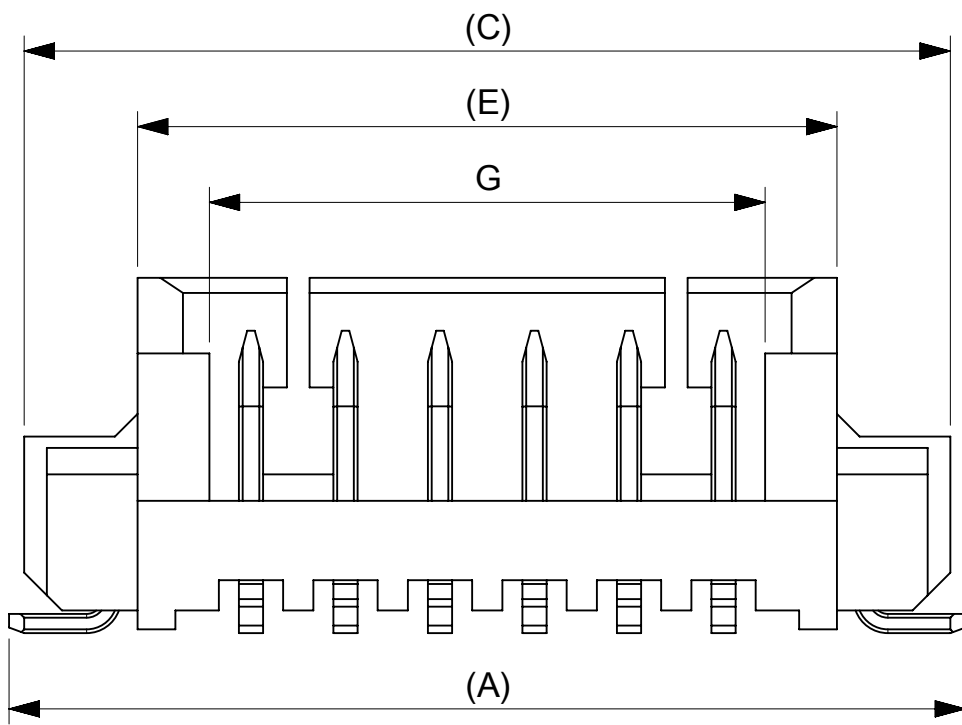
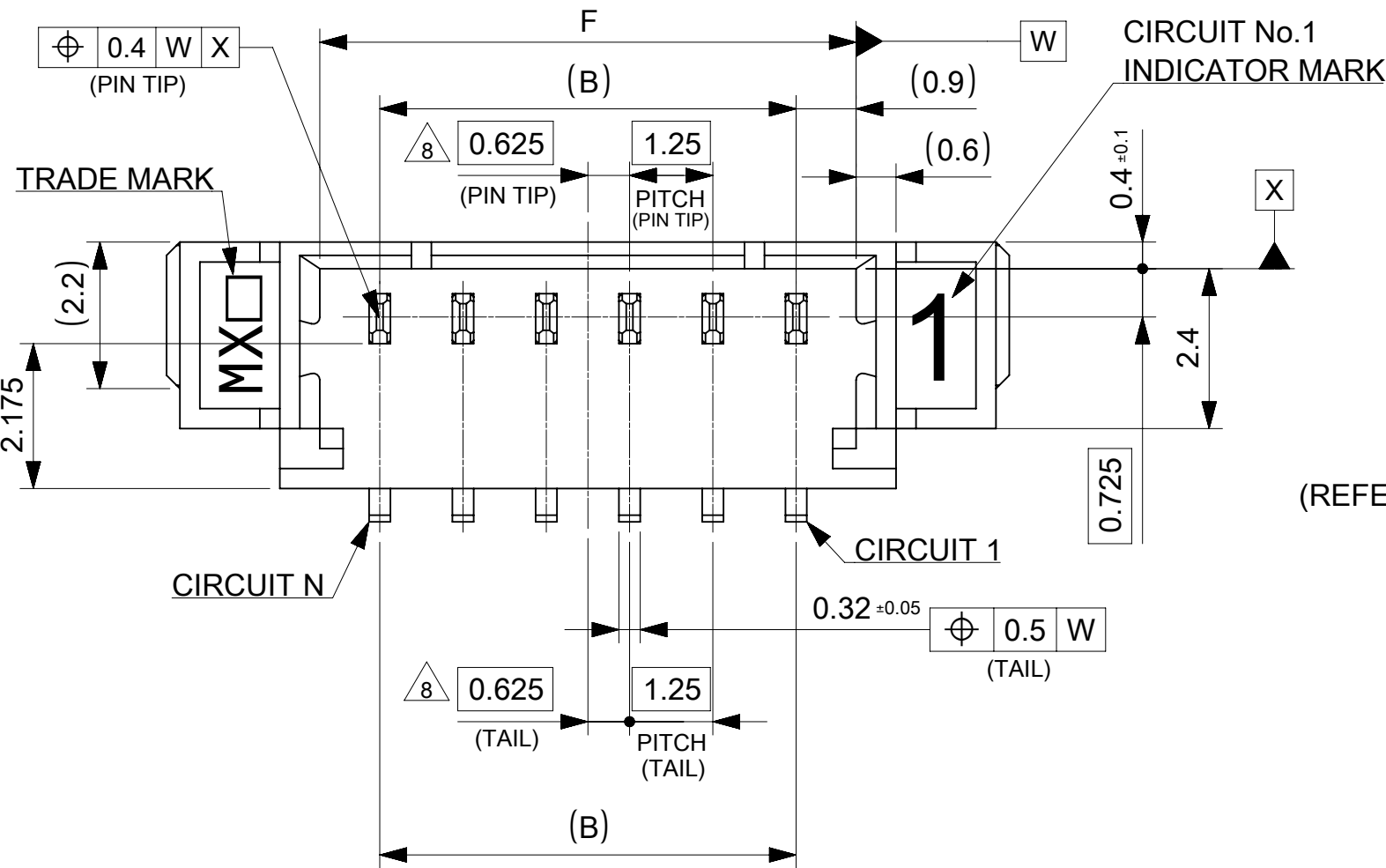
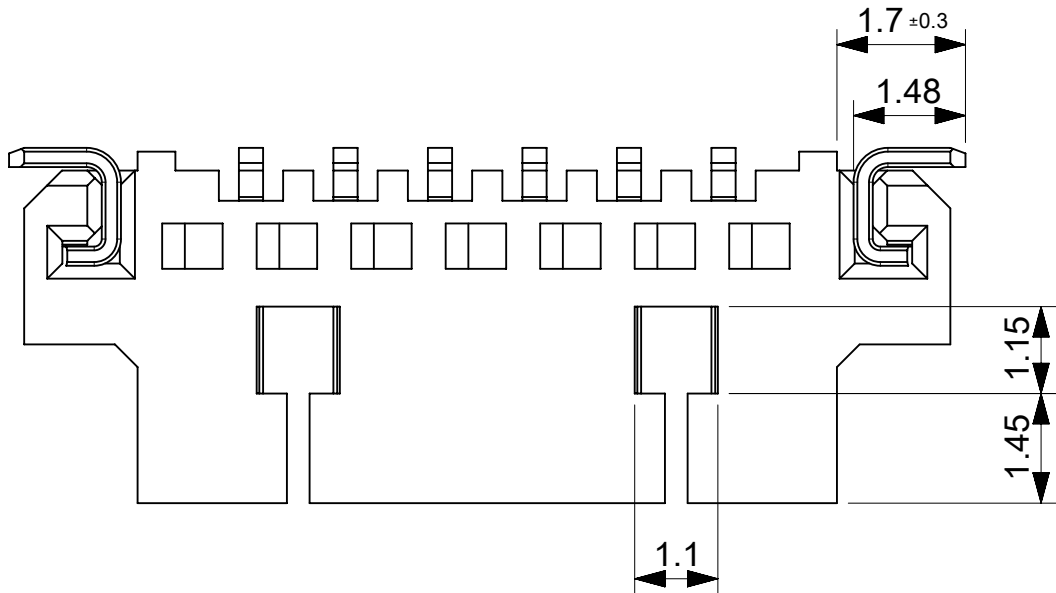
DRAWING

A2-SIZE

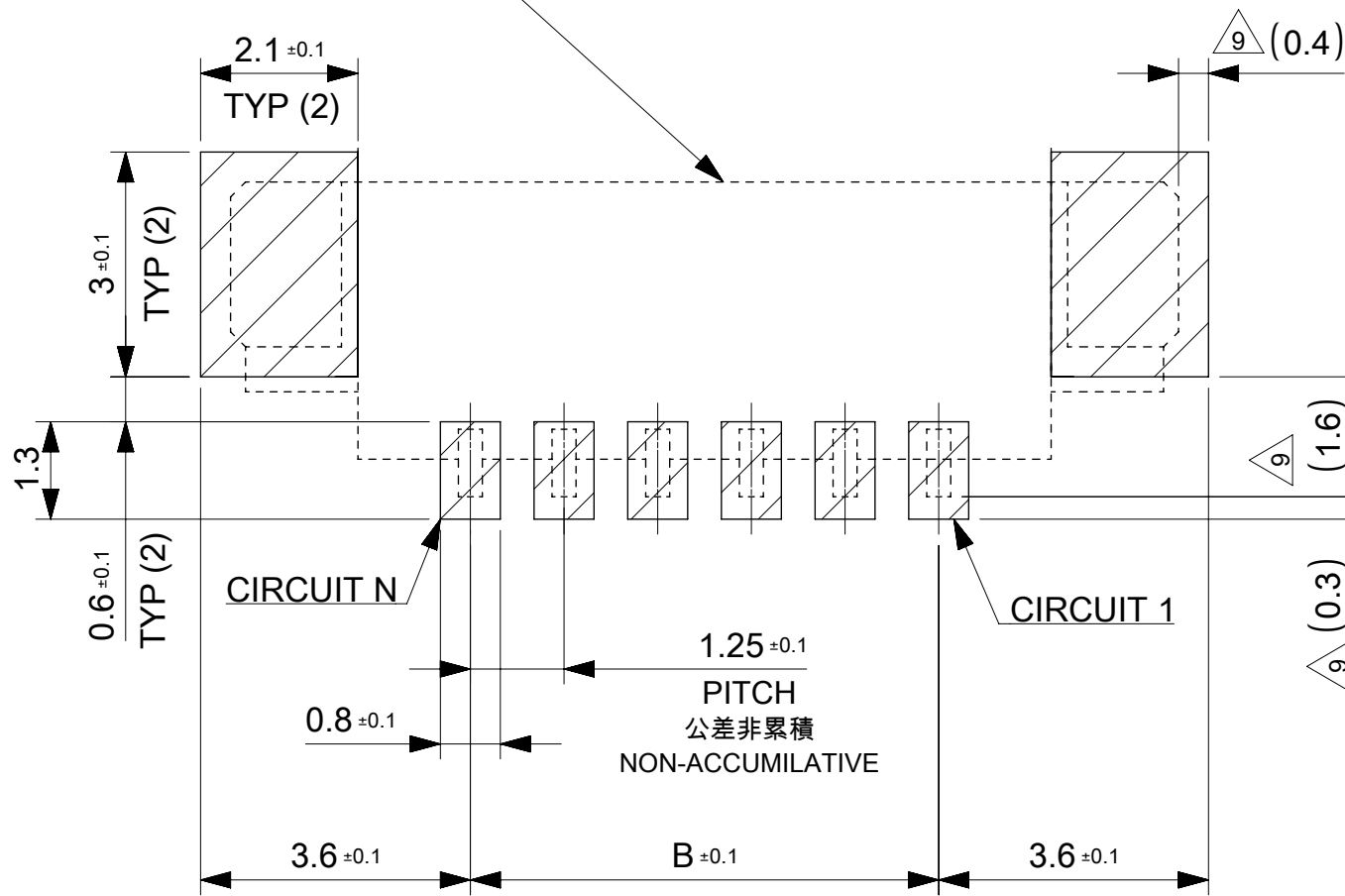
SERIES

53398

キャップを外した状態
WITHOUT CAP



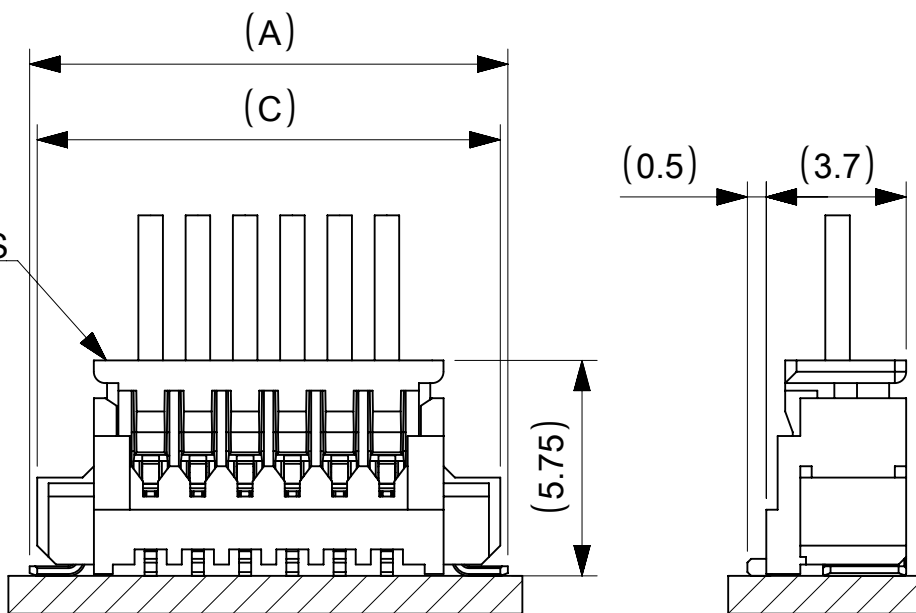
製品輪郭線 (キャップ除く)
CONNECTOR OUTLINE (WITHOUT CAP)



推奨基板レイアウト
RECOMMENDED PCB PATTERN

(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%)

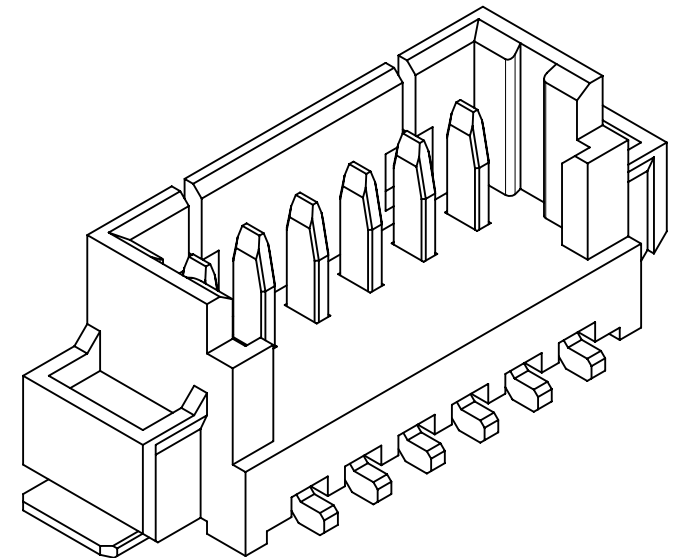
嵌合相手 : 51021 シリーズ
MATE WITH : 51021 SERIES



嵌合図
MATED CONNECTORS

NOTES

- 偶数極のみに適用
APPLY TO EVEN CIRCUIT PRODUCTS.
- 製品輪郭線からパッドまでの寸法を示す。
DIMENSIONS FROM CONNECTOR OUTLINE TO PAD
- 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	21.25	23.5	17.5	23.9	15
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3.6	4.3	5.5	6.25	8.5	2.5	8.9	3
2.35	3.05	4.25	5	7.25	1.25	7.65	2
G	F	E	D	C	B	A	極数 CIRCUIT SIZE

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED				molex PICOBLADE 1.25 SMT VERTICAL TYPE WITH VACUUM CAP					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 698818 DRWN: HHUSSIN 2022/02/16 CHK'D: SAKIYAMA 2022/04/19 APPR: AIDA 2022/04/19								PRODUCT CUSTOMER DRAWING	
ANGULAR TOL		± 3.0 °											
4 PLACES		± 0.2											
3 PLACES		± 0.2											
2 PLACES		± 0.2											
1 PLACE		± 0.2		INITIAL REVISION: DRWN: SOBARA01 2019/04/10 APPR: SAKIYAMA 2019/04/25				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES		± 0.2						533980001-SD		PSD	000	C	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A2-SIZE		53398		SEE CHART		GENERAL		2 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/19	08:41:26
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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**67		SPK-53398-002	
適合ハウジング APPLICABLE HOUSING		PART NUMBER			
		51021**00			
適合圧着端子 APPLICABLE TERMINAL	PLATING	TIN			
	PART NUMBER	500798*00	500588*00	500798001	500588001
	WIRE SIZE (AWG)	#26-28	#28-32	#26-28	#28-32
製品仕様書 PRODUCT SPECIFICATION		PS-51021-025 PS 001		510211124-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: REVISED		molex				
mm	NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 698818 DRWN: HHUSSIN 2022/02/16 CHK'D: SAKIYAMA 2022/04/19 APPR: AIDA 2022/04/19		PICOBLADE 1.25 SMT VERTICAL TYPE WITH VACUUM CAP				
ANGULAR TOL	± 3.0 °			PRODUCT CUSTOMER DRAWING				
4 PLACES	± 0.2							
3 PLACES	± 0.2							
2 PLACES	± 0.2							
1 PLACE	± 0.2	INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
0 PLACES	± 0.2	DRWN: SOBARA01 2019/04/10 APPR: SAKIYAMA 2019/04/25						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		
			A2-SIZE	53398	SEE CHART	GENERAL		
						SHEET NUMBER		
						4 OF 4		

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/19	08:41:26
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