

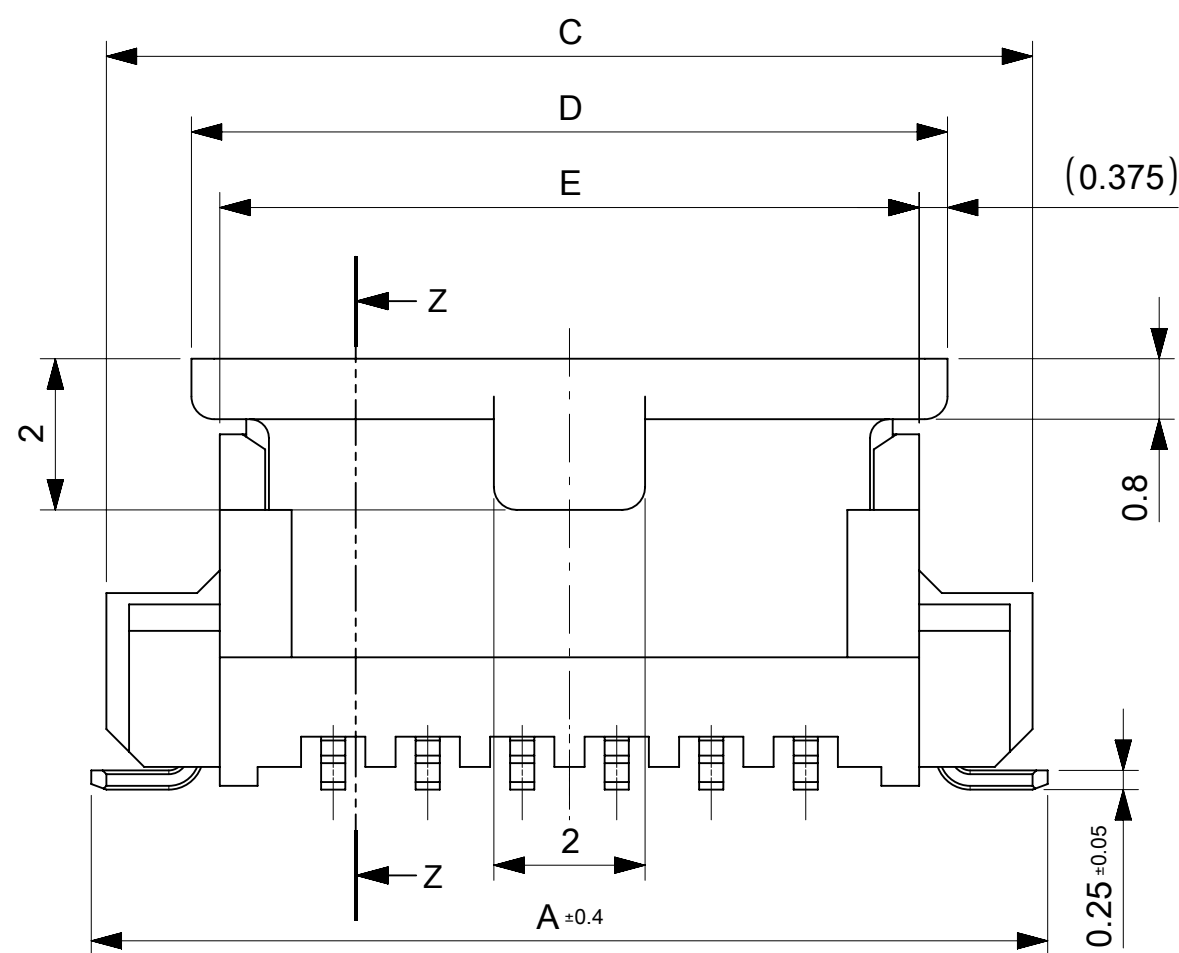
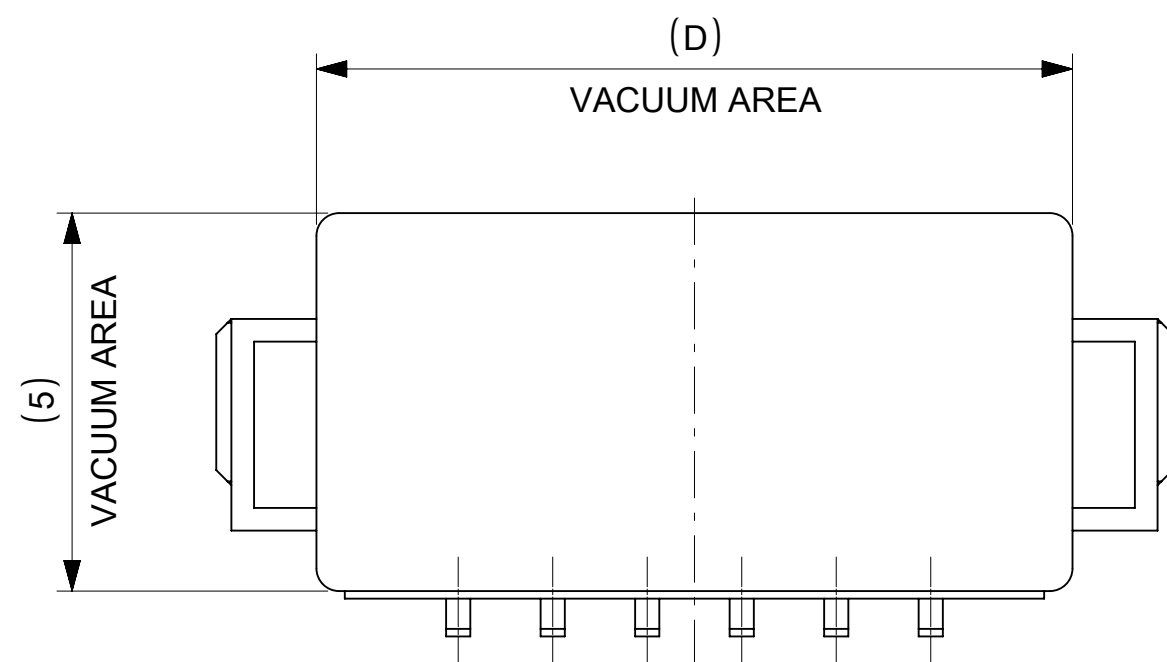
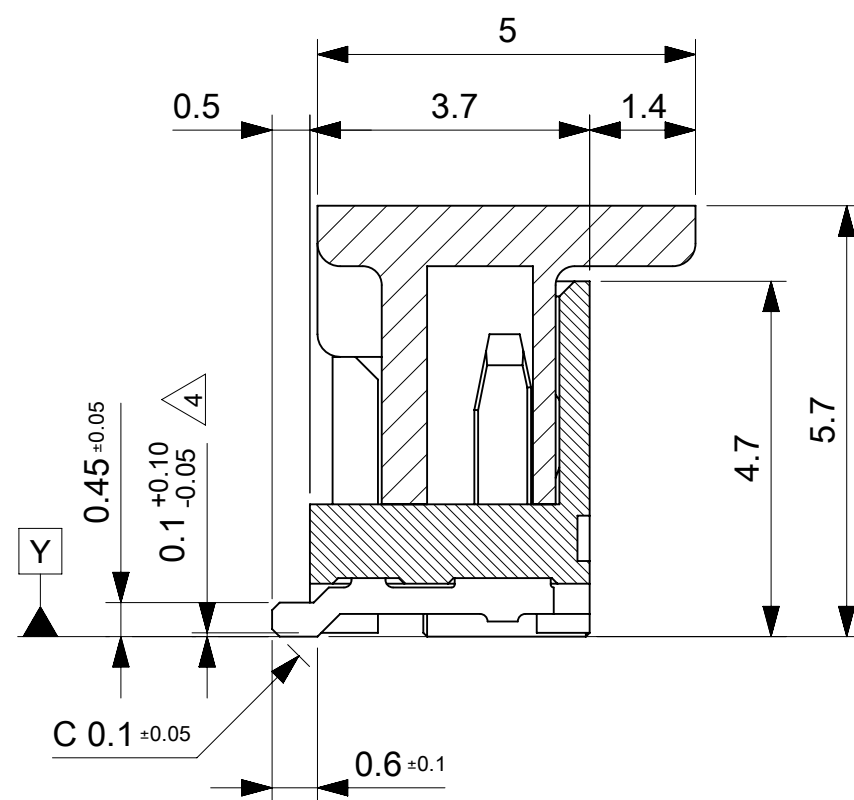
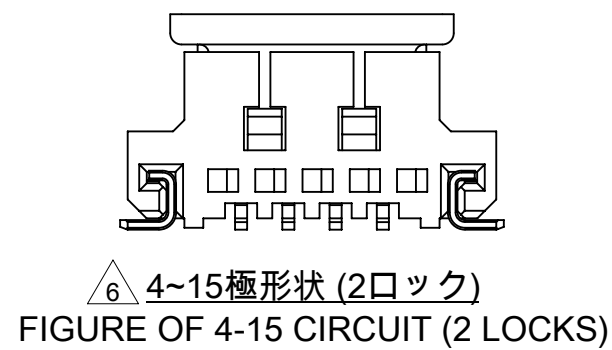
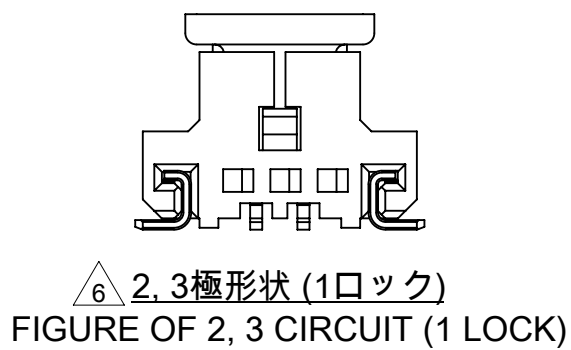
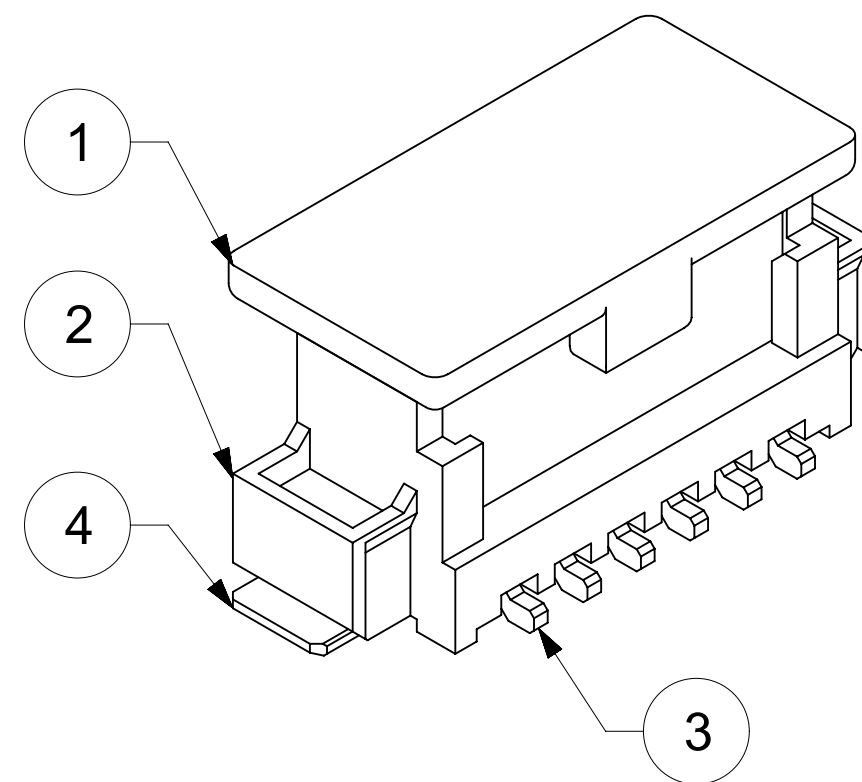


TABLE 1

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



SECTION Z-Z



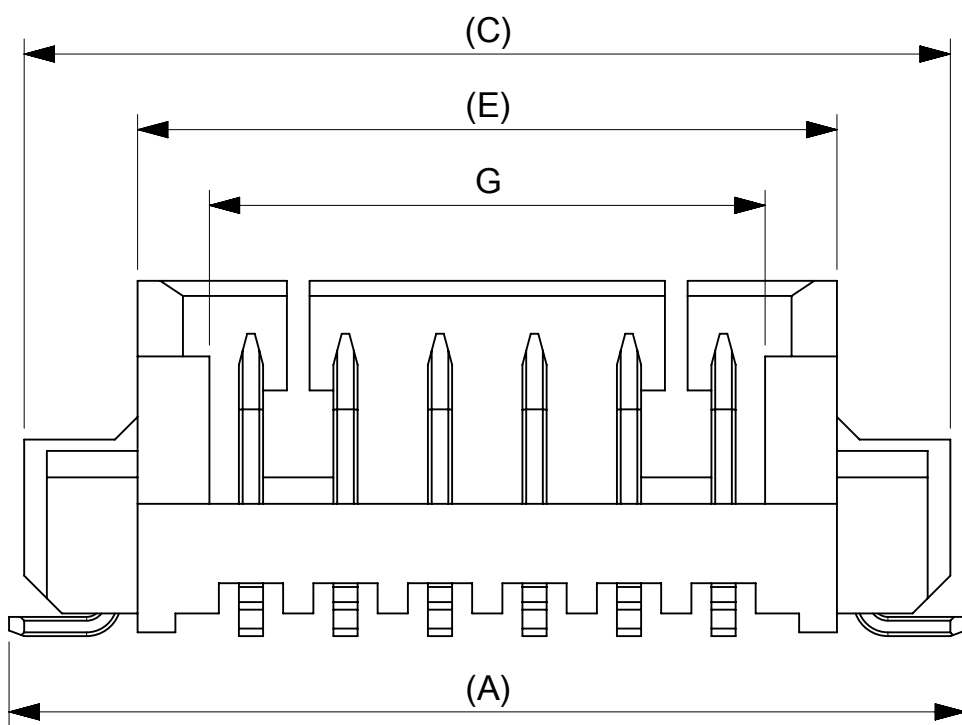
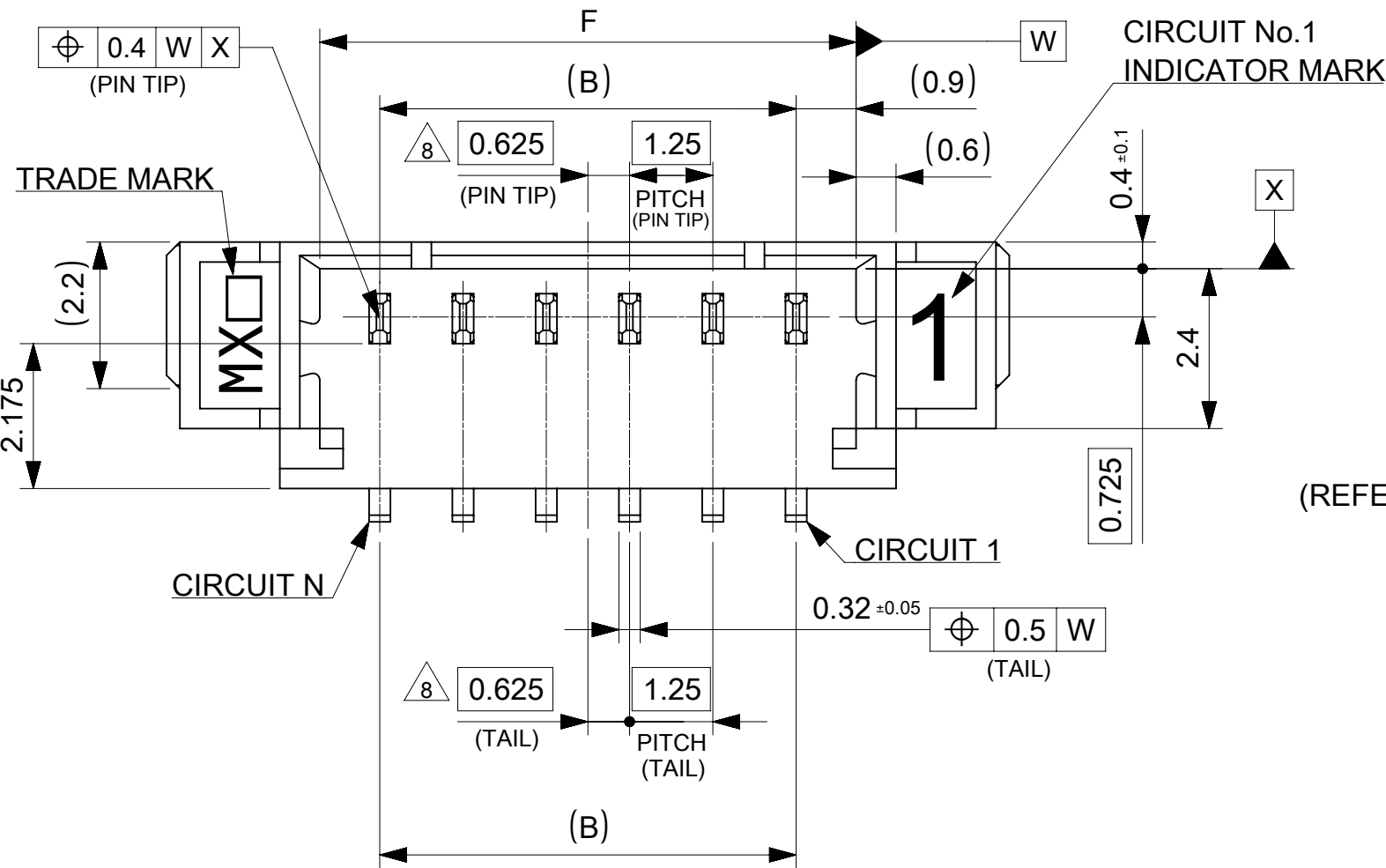
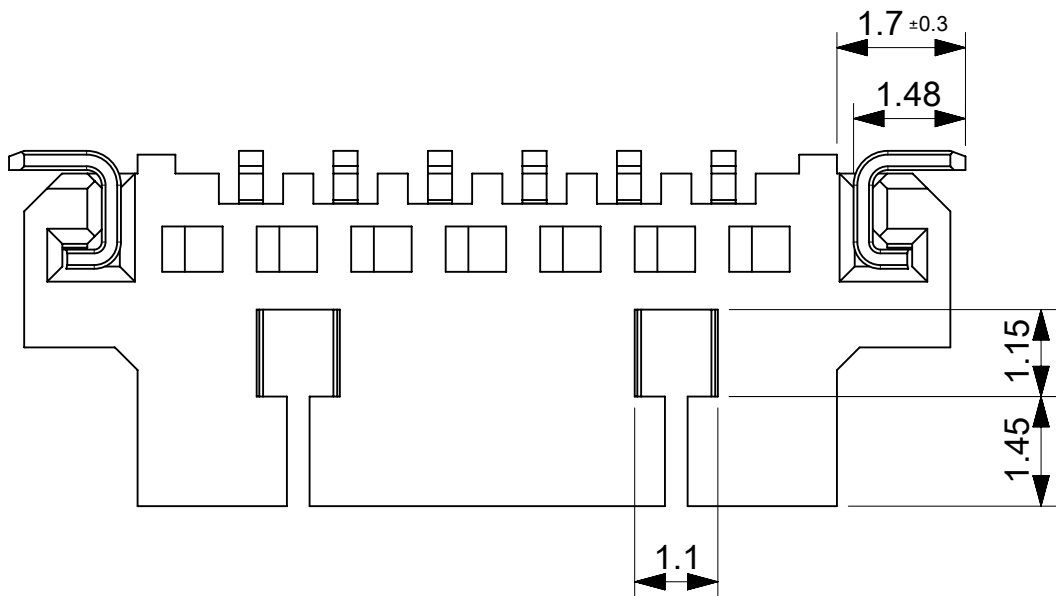
NOTES

- 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 水平面上においてのハウジング底面「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

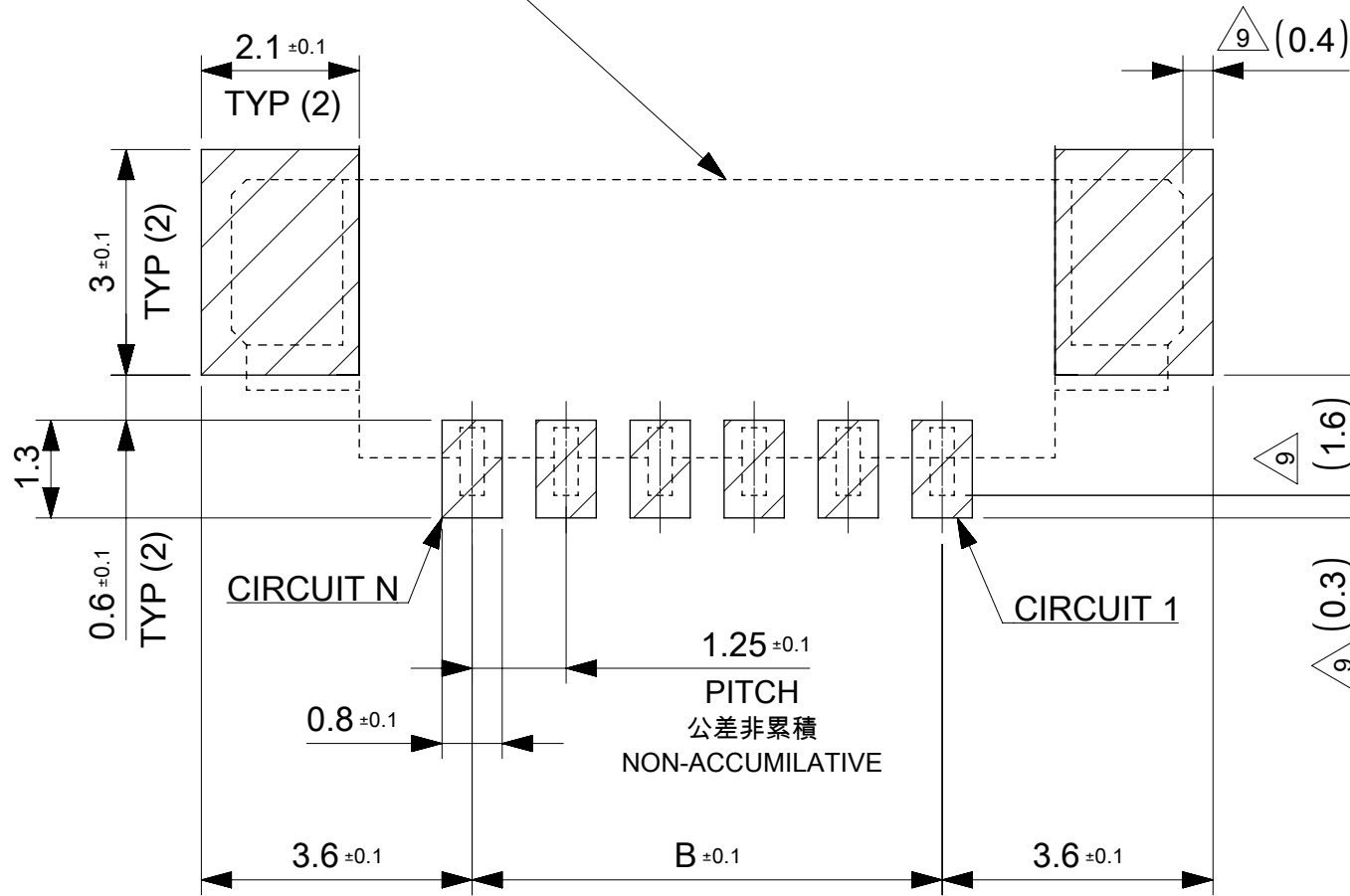
18.6	19.3	20.5	21.25	23.5	17.5	23.9	15
17.35	18.05	19.25	20	22.25	16.25	22.65	14
16.1	16.8	18	18.75	21	15	21.4	13
14.85	15.55	16.75	17.5	19.75	13.75	20.15	12
13.6	14.3	15.5	16.25	18.5	12.5	18.9	11
12.35	13.05	14.25	15	17.25	11.25	17.65	10
11.1	11.8	13	13.75	16	10	16.4	9
9.85	10.55	11.75	12.5	14.75	8.75	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	極數 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)							EC NO: 698818 DRWN: HHUSSIN2022/02/16 CHK'D: SAKIYAMA2022/04/19 APPR: AIDA2022/04/19 INITIAL REVISION: DRWN: SOBARA012019/04/10 APPR: SAKIYAMA2019/04/25			
ANGULAR TOL ± 3.0 °										
4 PLACES ± 0.2		EC NO: 698818 DRWN: HHUSSIN2022/02/16 CHK'D: SAKIYAMA2022/04/19 APPR: AIDA2022/04/19 INITIAL REVISION: DRWN: SOBARA012019/04/10 APPR: SAKIYAMA2019/04/25								
3 PLACES ± 0.2										
2 PLACES ± 0.2										
1 PLACE ± 0.2										
0 PLACES ± 0.2		EC NO: 698818 DRWN: HHUSSIN2022/02/16 CHK'D: SAKIYAMA2022/04/19 APPR: AIDA2022/04/19 INITIAL REVISION: DRWN: SOBARA012019/04/10 APPR: SAKIYAMA2019/04/25								
PRODUCT CUSTOMER DRAWING										
DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION					
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	1 OF 4

キャップを外した状態
WITHOUT CAP



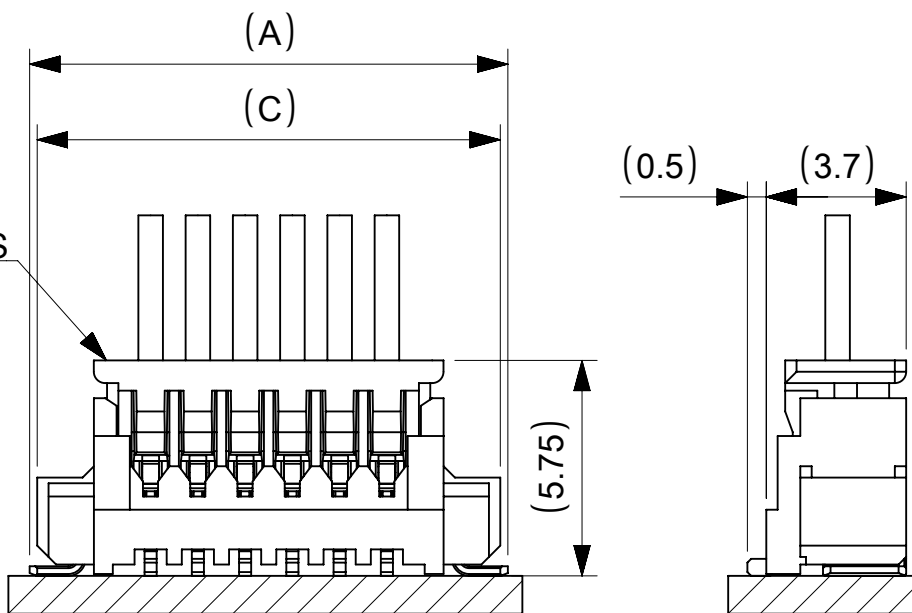
製品輪郭線 (キャップ除く)
CONNECTOR OUTLINE (WITHOUT CAP)



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%)

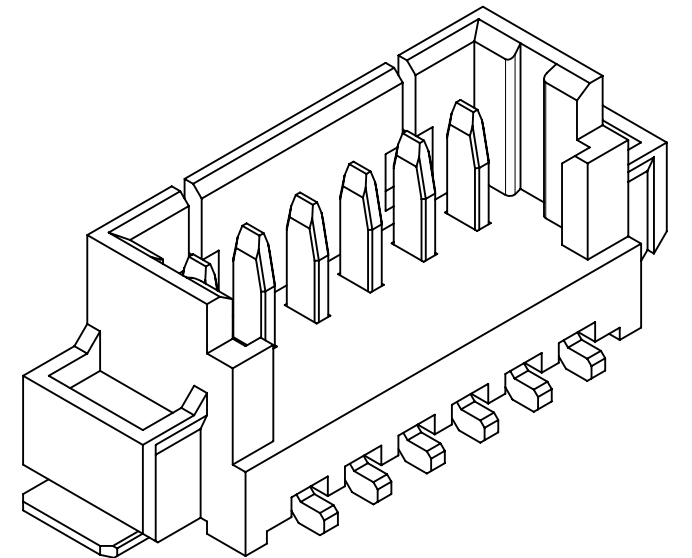
嵌合相手 : 51021 シリーズ
MATE WITH : 51021 SERIES



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
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

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)				EC NO: 698818 DRWN: HHUSSIN 2022/02/16 CHK'D: SAKIYAMA 2022/04/19 APPR: AIDA 2022/04/19											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2		INITIAL REVISION:				DOCUMENT NUMBER 533980001-SD		DOC TYPE PSD		DOC PART 000		REVISION C	
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 A2-SIZE		SERIES 53398		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL		SHEET NUMBER 2 OF 4	
															

molex

PICOBLADE 1.25
SMT VERTICAL TYPE WITH VACUUM CAP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
533980001-SD	PSD	000	C

△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**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			

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)		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			DOCUMENT NUMBER 533980001-SD DOC TYPE PSD DOC PART 000 REVISION C			
3 PLACES	± 0.2						
2 PLACES	± 0.2						
1 PLACE	± 0.2	INITIAL REVISION: DRWN: SOBARA01 2019/04/10 APPR: SAKIYAMA 2019/04/25					
0 PLACES	± 0.2						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A2-SIZE	SERIES 53398	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL	SHEET NUMBER 4 OF 4