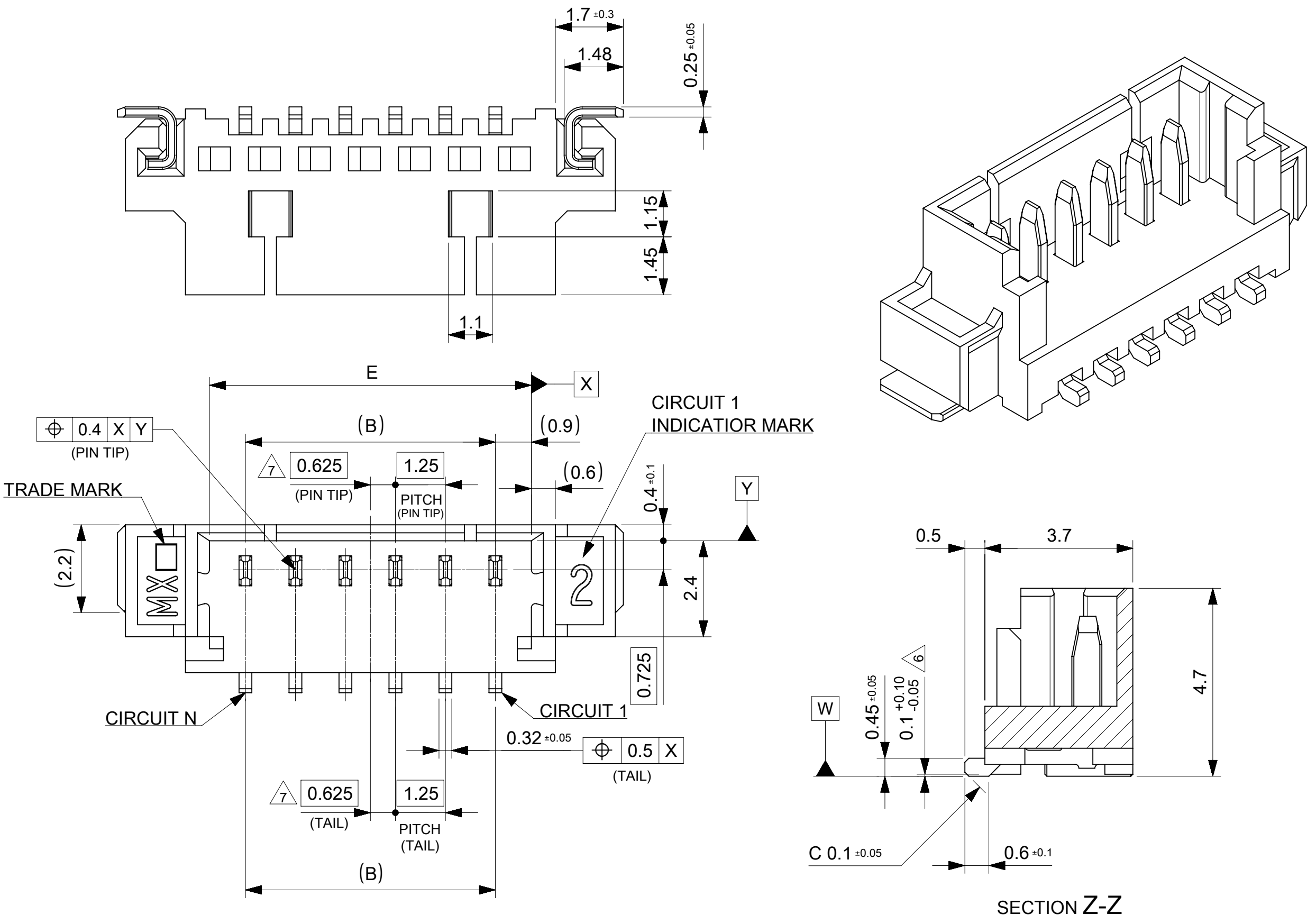
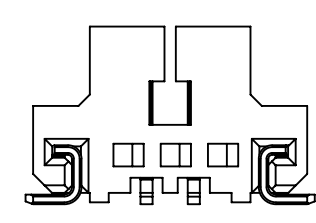
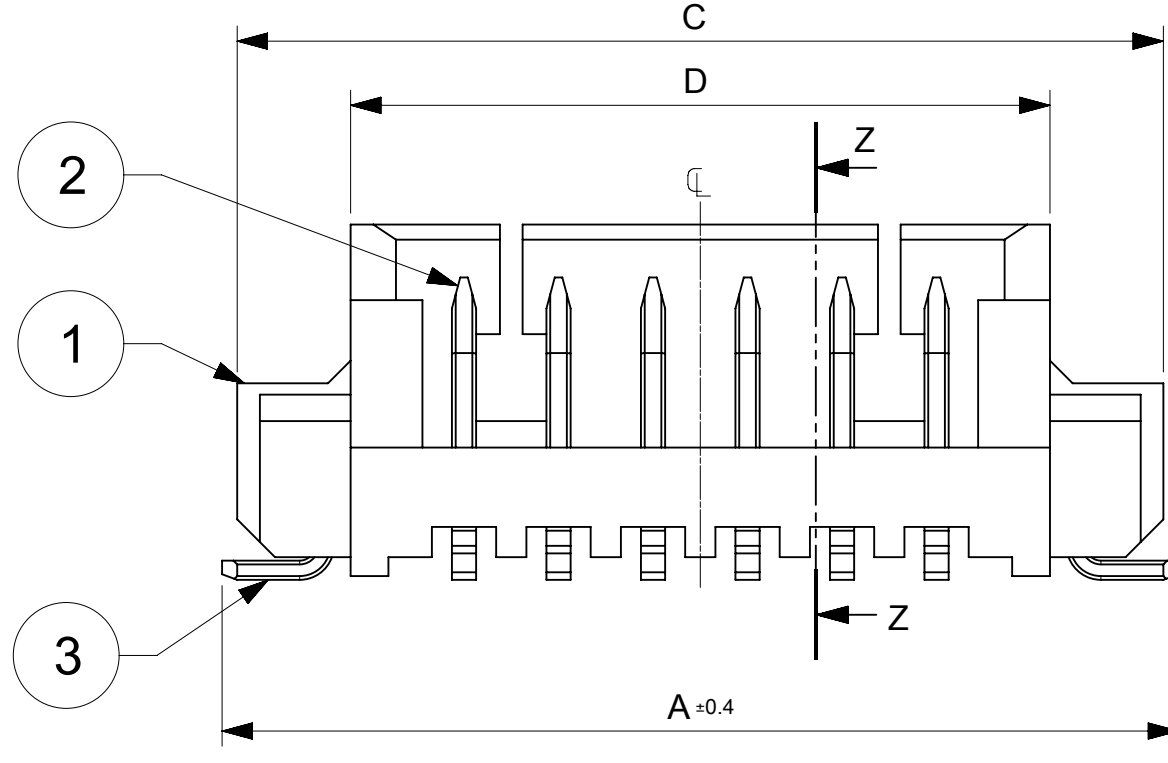


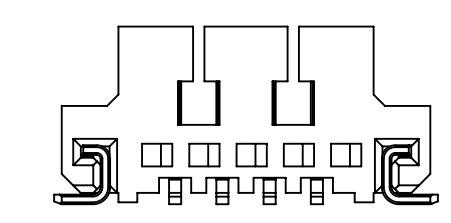


NOTES

- 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 INFOMATION : SEE SHEET 3
- 4 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.
- 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 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**
- 7 偶数極のみに適用
APPLY TO EVEN CIRCUIT PRODUCTS.



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)

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	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
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

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:	
mm	NTS		
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		THIRD ANGLE PROJECTION	DRAWING
		SERIES	

EC NO: 643451
DRWN: QHE31
CHK'D: SAKIYAMA
APPR: KOMURAKAMI

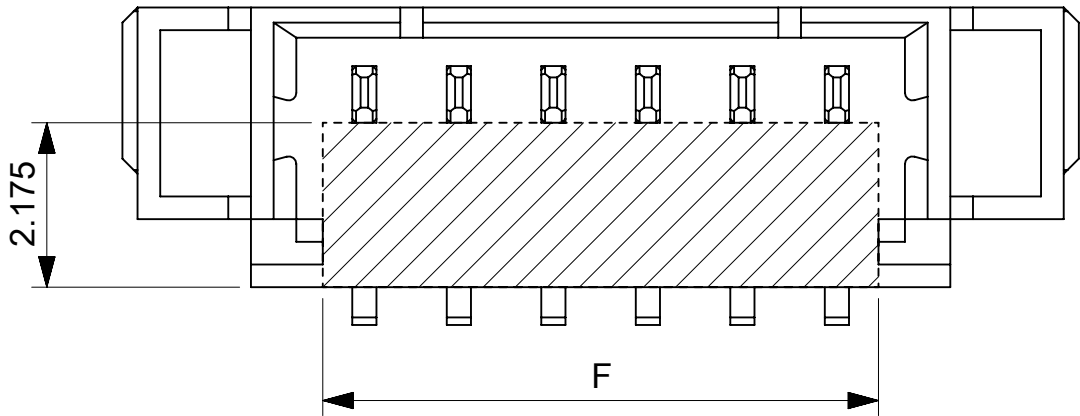
2020/08/03
2021/05/27
2021/05/27

PICOBLADE 1.25
HEADER ASSY SMT VERTICAL GOLD PLATING TYPE

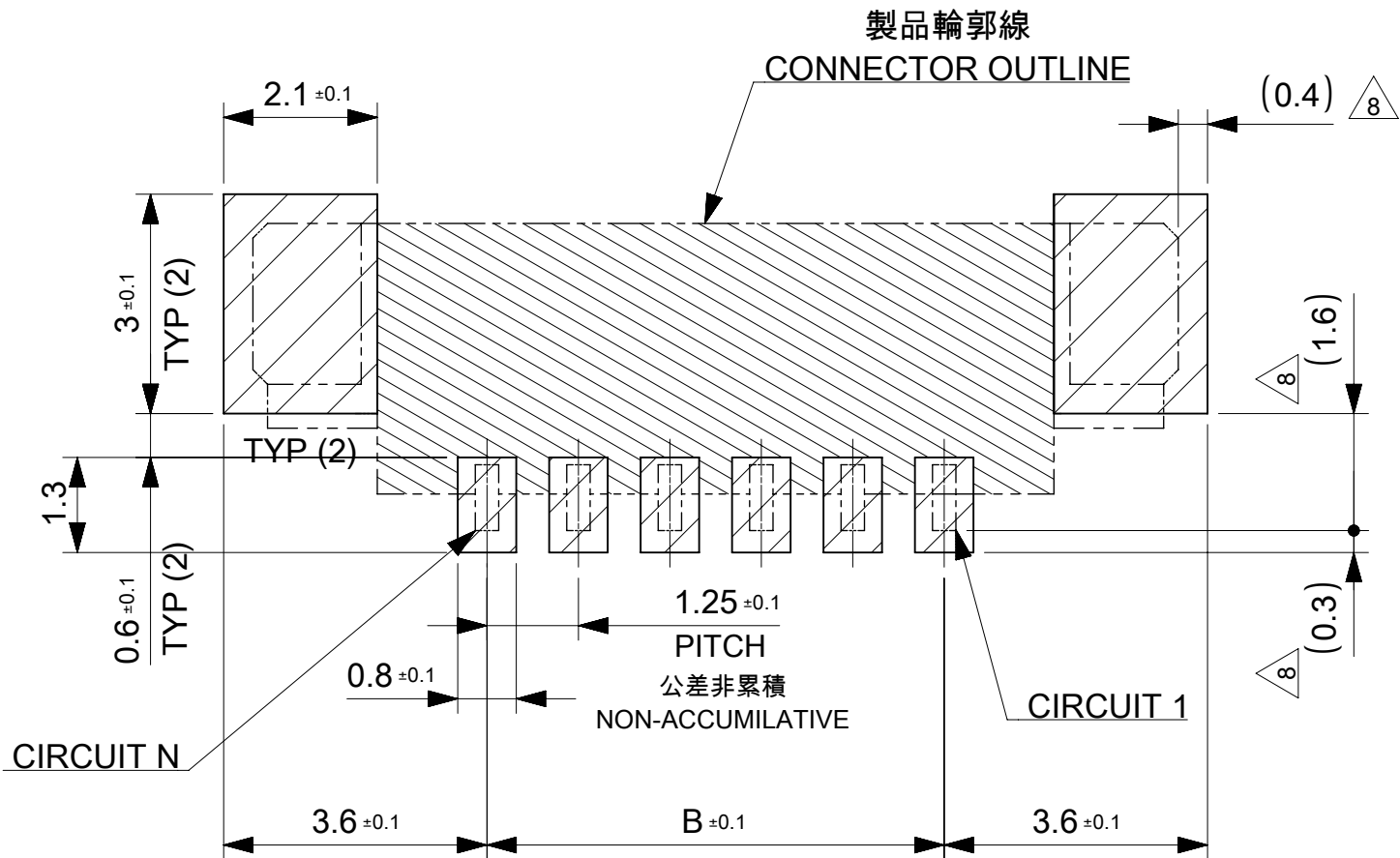
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
533980002-SD	PSD	000	A
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE CHART OF SHEET3	GENERAL	1 OF 4	

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



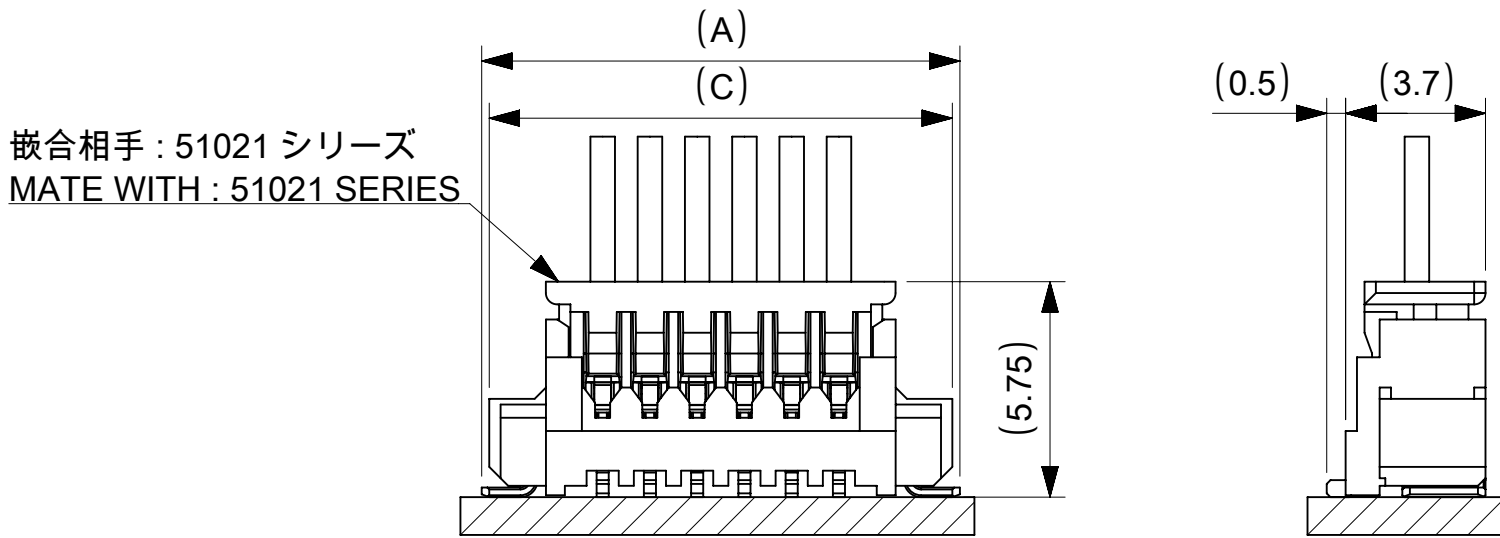
吸着面
VACUUM AREA



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

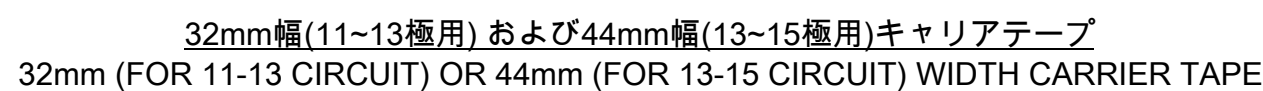
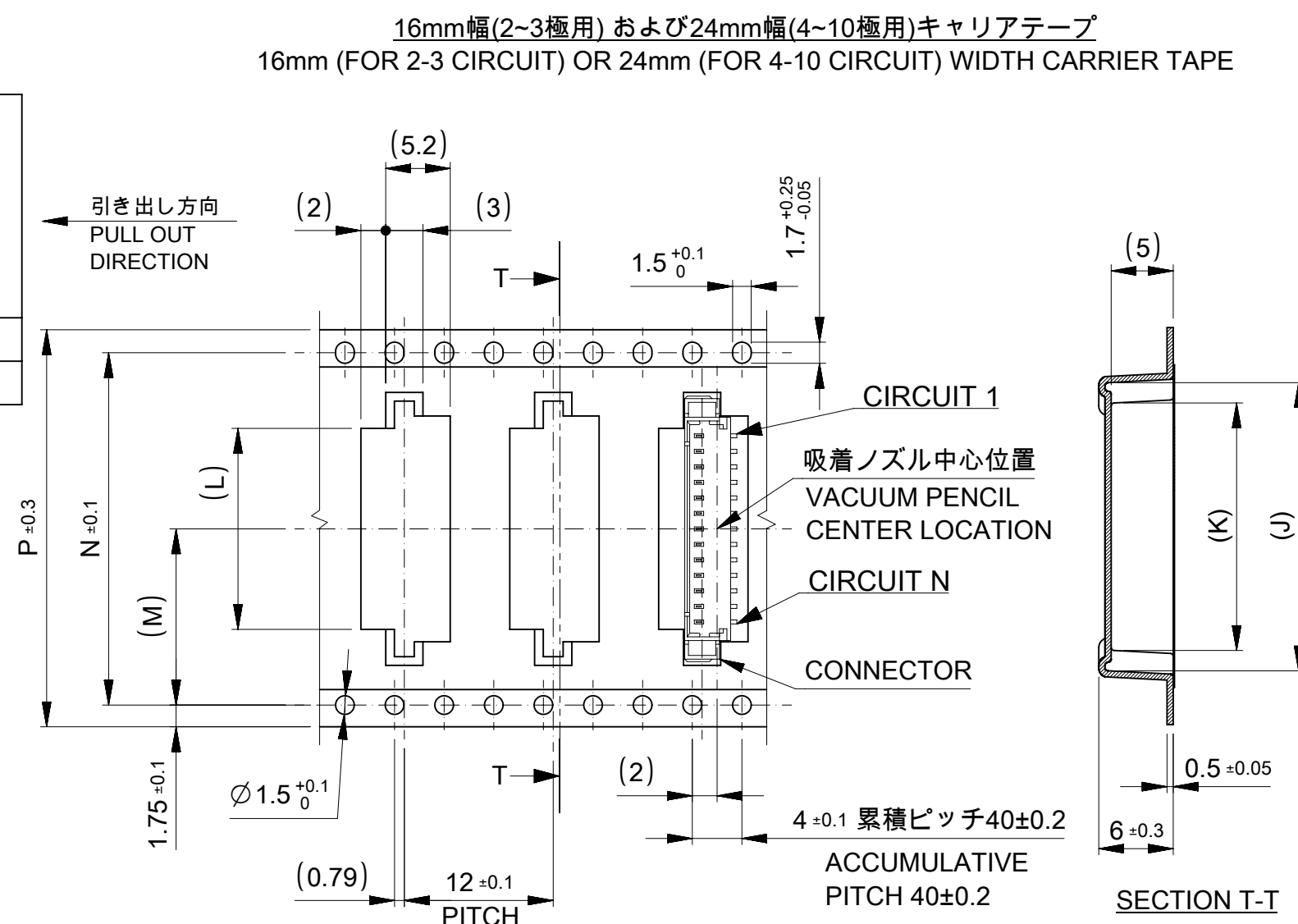
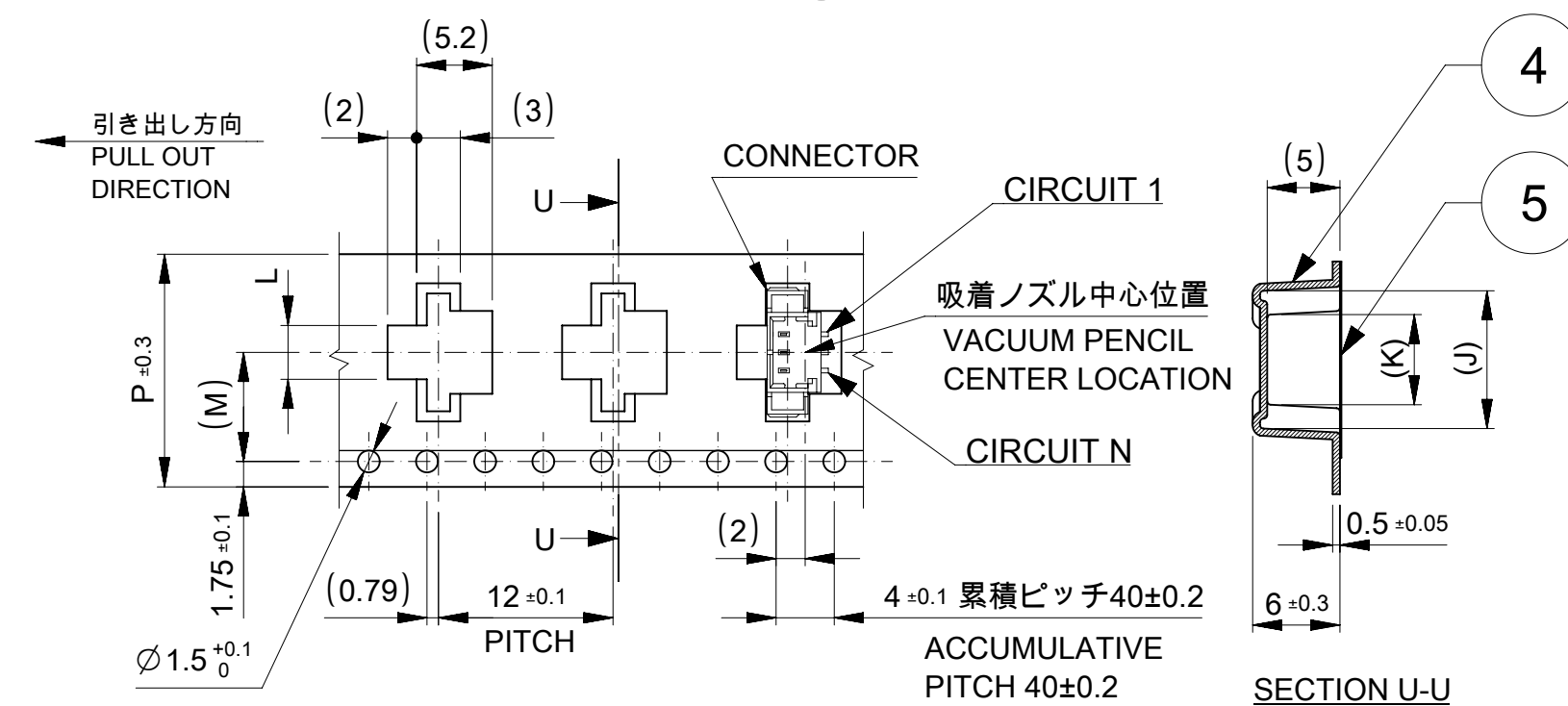
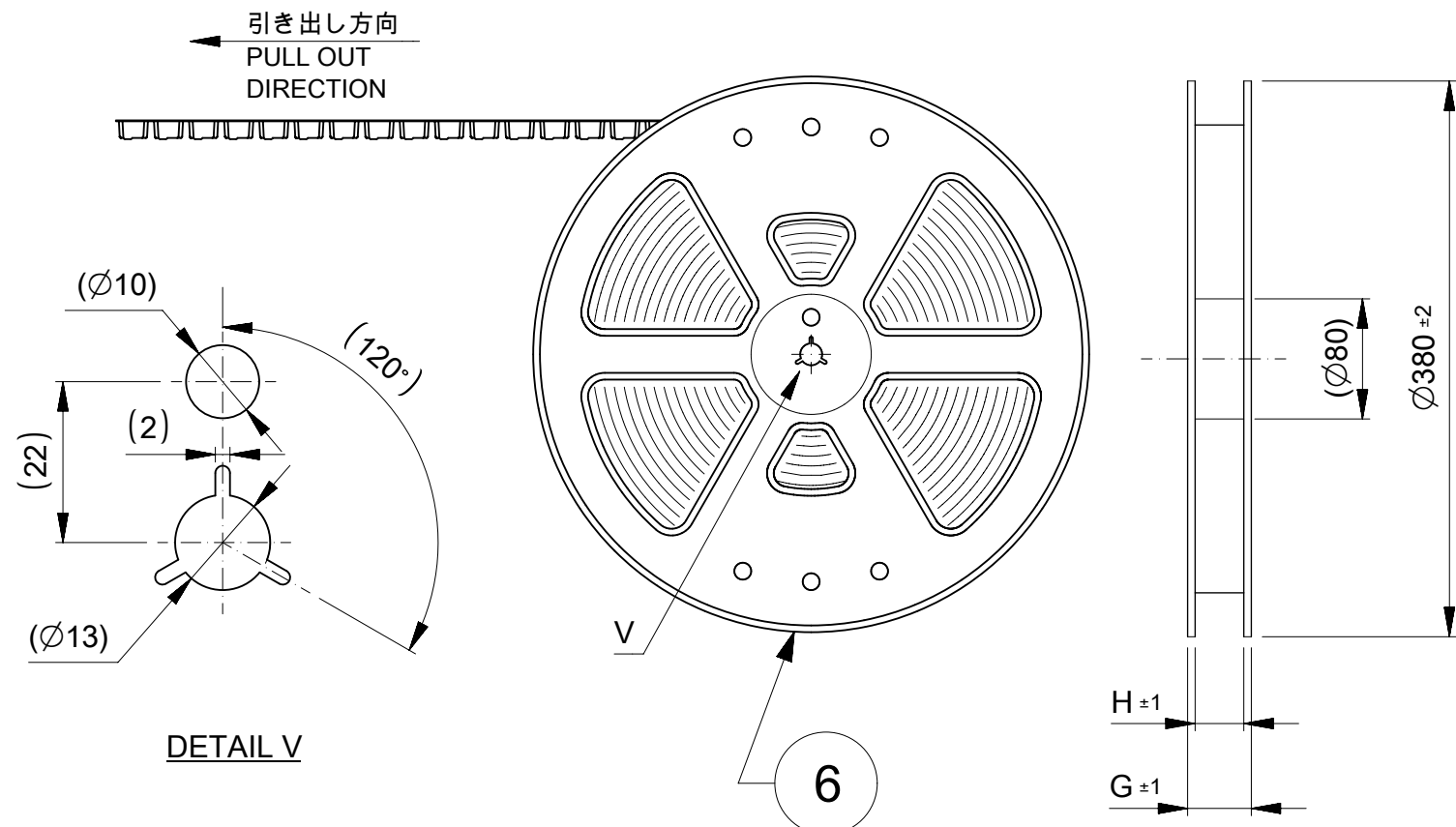
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE			
ANGULAR TOL	± 3.0 °			PRODUCT CUSTOMER DRAWING			
4 PLACES	± 0.2	EC NO: 643451					
3 PLACES	± 0.2	DRWN: QHE31		2020/08/03			
2 PLACES	± 0.2	CHK'D: SAKIYAMA		2021/05/27			
1 PLACE	± 0.2	APPR: KOMURAKAMI		2021/05/27			
0 PLACES	± 0.2	INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: QHE31		2020/08/03		DOCUMENT NUMBER	
		APPR: KOMURAKAMI		2021/05/27		533980002-SD	
		THIRD ANGLE PROJECTION		DRAWING		DOC TYPE	
				A2-SIZE		PSD	
		SERIES		53398		DOC PART	
		MATERIAL NUMBER		SEE CHART OF SHEET3		REVISION	
		CUSTOMER		GENERAL		A	
		SHEET NUMBER		2 OF 4			

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/27	10:21:19
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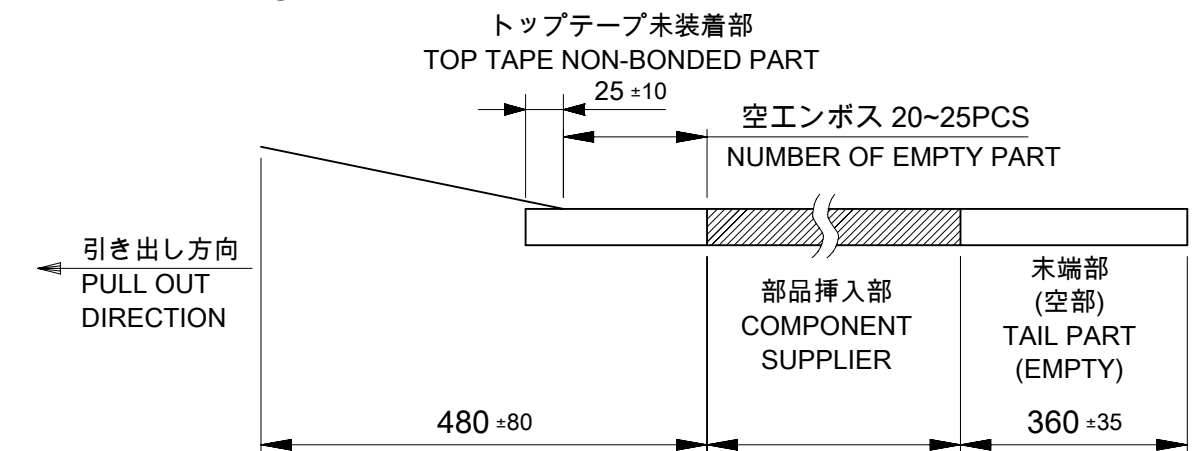
FORMAT: 000001-000002
REVISION: 1
DATE: 2020/08/03

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

10. 梱包数量：1000個/リール
NUMBER OF CONNECTOR：1000PCS / 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.

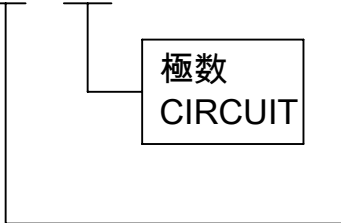
14. 本製品は乾燥剤入り、ハイバリア梱包仕様による納品となります。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESICCANT.

12 TABLE 2

番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	ポリプロピレン(PP) POLYPROPYLENE(PP)
⑤	トップテープ TOP TAPE	ポリエチレン (PE)、その他 POLYETHYLENE (PE), ETC
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 >

△15 発注番号
ORDER NUMBER

53398*0**

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

	533985015	533984015	15
B	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 : EMBOSSED TAPE AND REEL		

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/27	10:21:19
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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 PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE PRODUCT CUSTOMER DRAWING			
mm		NTS							
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: 643451	
2 PLACES ± 0.2		1 PLACE ± 0.2		0 PLACES ± 0.2		DRWN: QHE31		2020/08/03	
1 PLACE ± 0.2		0 PLACES ± 0.2		DRWN: QHE31		2020/08/03		CHK'D: SAKIYAMA	
0 PLACES ± 0.2		INITIAL REVISION:		DRWN: QHE31		2020/08/03		2021/05/27	
2 PLACES ± 0.2		1 PLACE ± 0.2		0 PLACES ± 0.2		DOCUMENT NUMBER		DOC TYPE	
1 PLACE ± 0.2		0 PLACES ± 0.2		DRWN: QHE31		2020/08/03		2021/05/27	
0 PLACES ± 0.2		APPR: KOMURAKAMI		2021/05/27		533980002-SD		PSD	
2 PLACES ± 0.2		1 PLACE ± 0.2		0 PLACES ± 0.2		DOC PART		REVISION	
1 PLACE ± 0.2		0 PLACES ± 0.2		DRWN: QHE31		2020/08/03		2021/05/27	
0 PLACES ± 0.2		INITIAL REVISION:		DRWN: QHE31		2020/08/03		2021/05/27	
2 PLACES ± 0.2		1 PLACE ± 0.2		0 PLACES ± 0.2		DOCUMENT NUMBER		DOC TYPE	
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0 PLACES ± 0.2		APPR: KOMURAKAMI		2021/05/27		533980002-SD		PSD	
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1 PLACE ± 0.2		0 PLACES ± 0.2		DRWN: QHE31		2020/08/03		2021/05/27	
0 PLACES ± 0.2		INITIAL REVISION:		DRWN: QHE31		2020/08/03		2021/05/27	
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0 PLACES ± 0.2		INITIAL REVISION:		DRWN: QHE31		2020/08/03		2021/05/27	
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0 PLACES ± 0.2		INITIAL REVISION:		DRWN: QHE31		2020/08/03		2021/05/27	
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0 PLACES ± 0.2		INITIAL REVISION:		DRWN: QHE31		2020/08/03		2021/05/27	
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0 PLACES ± 0.2		APPR: KOMURAKAMI		2021/05/27		533980002-SD		PSD	
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0 PLACES ± 0.2		APPR: KOMURAKAMI		2021/05/27		533980002-SD		PSD	
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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					

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 °	EC NO: 643451 DRWN: QHE31 2020/08/03 CHK'D: SAKIYAMA 2021/05/27 APPR: KOMURAKAMI 2021/05/27				PRODUCT CUSTOMER DRAWING					
4 PLACES	±	0.2					DOCUMENT NUMBER 533980002-SD DOC TYPE PSD DOC PART 000 REVISION A					
3 PLACES	±	0.2										
2 PLACES	±	0.2										
1 PLACE	±	0.2	INITIAL REVISION: DRWN: QHE31 2020/08/03 APPR: KOMURAKAMI 2021/05/27									
0 PLACES	±	0.2										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER					
			A2-SIZE	53398		GENERAL	4 OF 4					