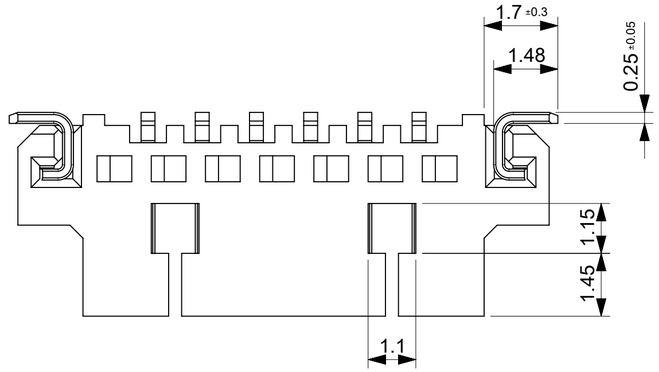
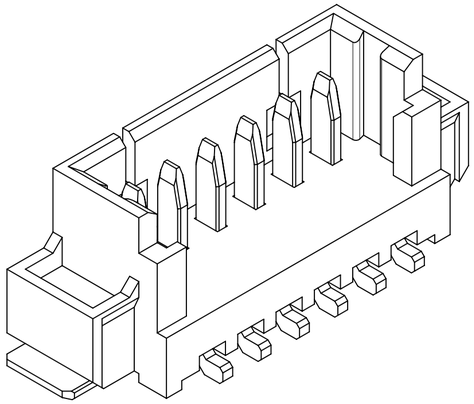
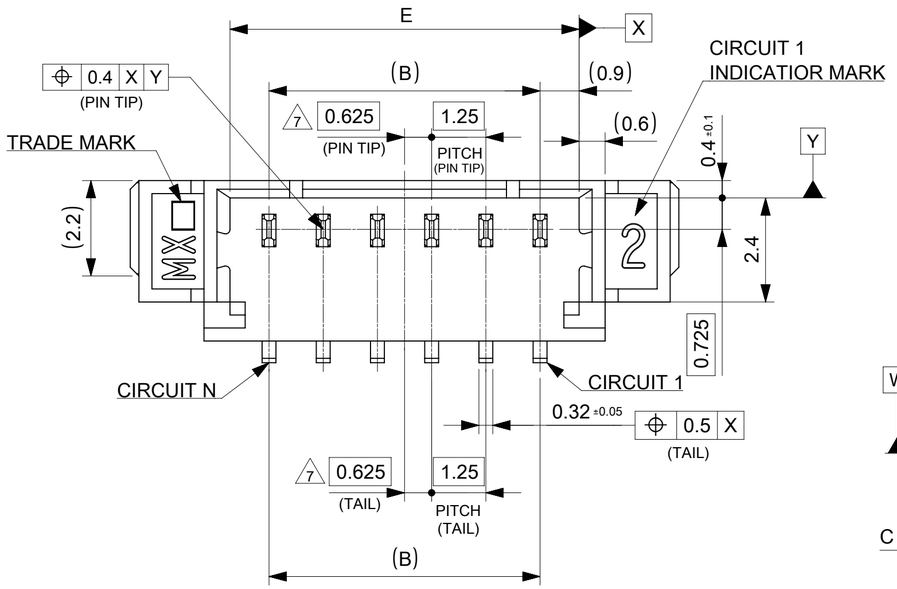
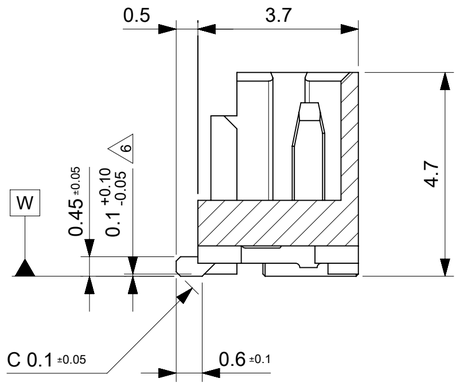
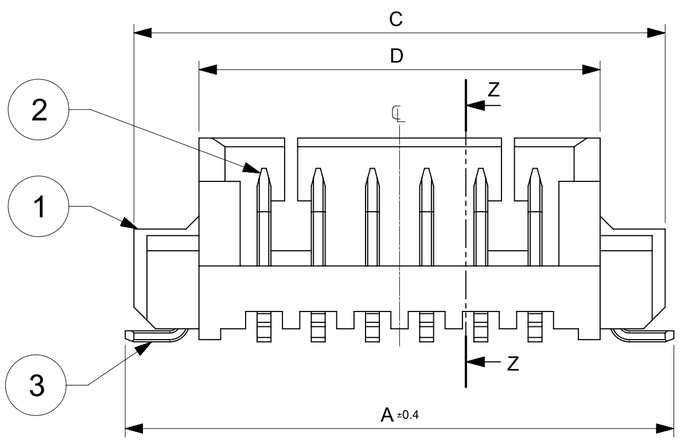






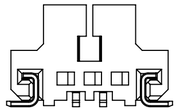


SECTION Z-Z

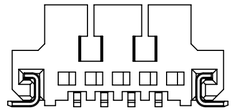


NOTES

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 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)

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

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

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

DIMENSION UNITS	SCALE
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

CURRENT REV DESC:

EC NO: 744677
DRWN: QHE31 2022/06/13
CHK'D: AIDA 2023/07/24
APPR: MARAI 2023/07/24

INITIAL REVISION:
DRWN: QHE31 2020/08/03
APPR: KOMURAKAMI 2021/05/27

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 53398

molex

PICOBLADE 1.25
HEADER ASSY SMT VERTICAL GOLD PLATING TYPE

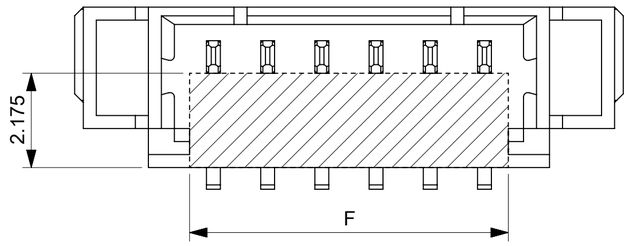
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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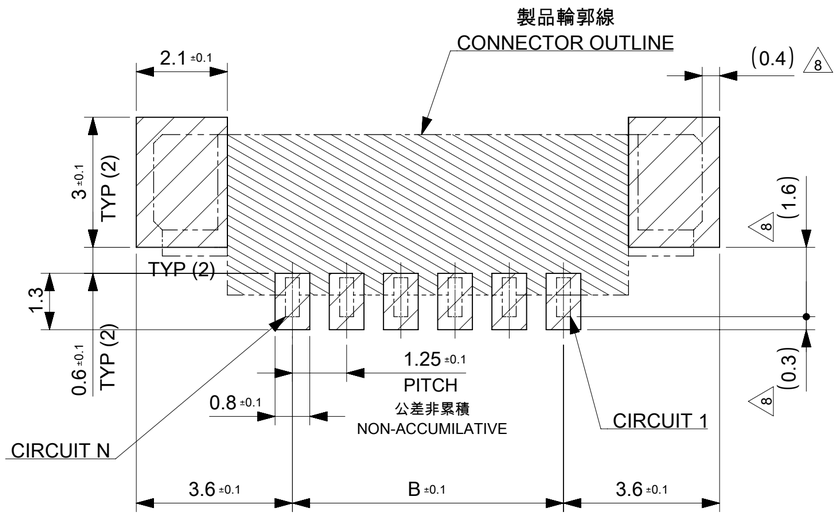
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART OF SHEET3	GENERAL	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/24 10:03:44

FORMAT: Portrait-Prod-A2
REVISION: 1.0
DATE: 2020/08/03

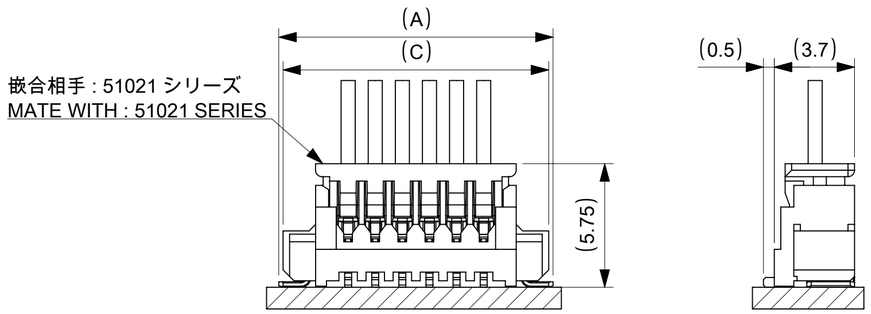


吸着面
VACUUM AREA



9 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.

F	E	D	C	B	A	極数 CIRCUIT SIZE
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

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DIMENSION UNITS	mm
SCALE	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	

CURRENT REV DESC:

EC NO: 744677
DRWN: QHE31 2022/06/13
CHK'D: AIDA 2023/07/24
APPR: MARAI 2023/07/24

INITIAL REVISION:
DRWN: QHE31 2020/08/03
APPR: KOMURAKAMI 2021/05/27

molex

PICOBLADE 1.25
HEADER ASSY SMT VERTICAL GOLD PLATING TYPE

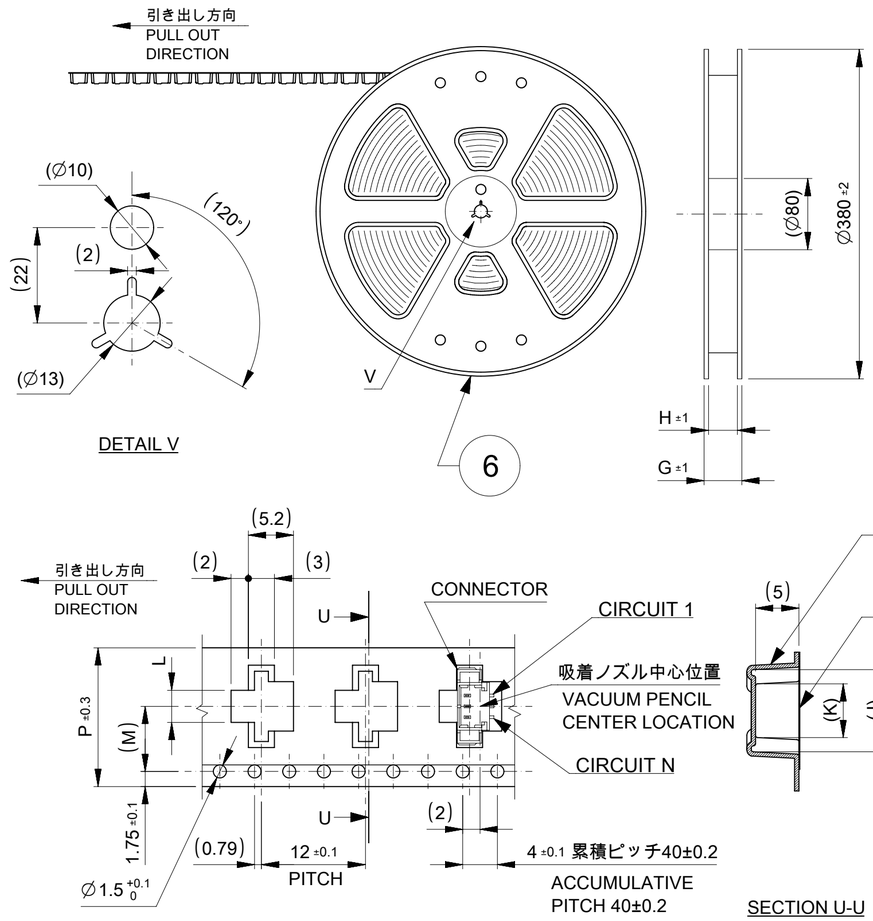
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
533980002-SD	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	53398	SEE CHART OF SHEET3	GENERAL	2 OF 4

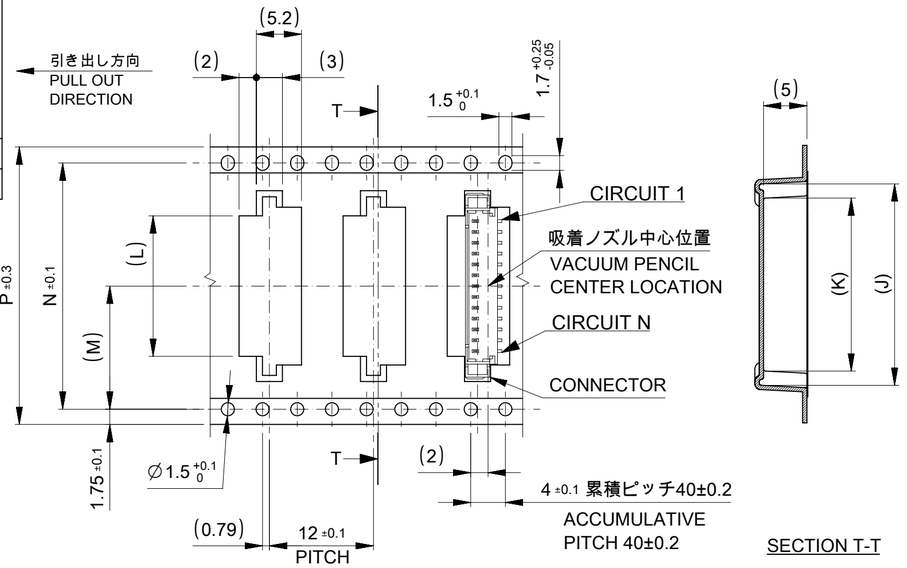
DOCUMENT STATUS	P1	RELEASE DATE	2023/07/24 10:03:44

FORMAT: ANSI-A2
REVISION: H
DATE: 2020/08/03



SECTION U-U

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

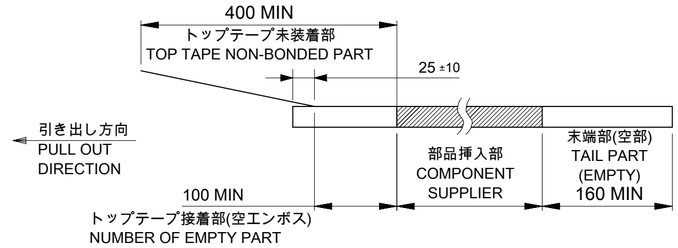


SECTION T-T

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
    NUNBER 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 EMBOSSED 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 >

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

極数 CIRCUIT	GOLD PLATING THICKNESS FLASH	GOLD PLATING THICKNESS 0.38micro-meters MIN
2	533985002	533984002
3	533985003	533984003
4	533985004	533984004
5	533985005	533984005
6	533985006	533984006
7	533985007	533984007
8	533985008	533984008
9	533985009	533984009
10	533985010	533984010
11	533985011	533984011
12	533985012	533984012
13	533985013	533984013
14	533985014	533984014
15	533985015	533984015

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	2023/07/24 10:03:44

極数 CIRCUIT SIZE	N	M	L	K	J	H	G
15	44	40.4	20.2	18.7	20.8	24.5	45.4	49.4
14				17.45	19.55	23.25		
13	32	28.4	14.2	16.2	18.3	22	33.4	37.4
12				14.95	17.05	20.75		
11				13.7	15.8	19.5		
10	24	--	11.5	12.45	14.55	18.25	25.4	29.4
9				11.2	13.3	17		
8				9.95	12.05	15.75		
7				8.7	10.8	14.5		
6				7.45	9.55	13.25		
5				6.2	8.3	12		
4				4.95	7.05	10.75		
3	16	--	7.5	3.7	5.8	9.5	17.4	21.4
2				2.45	4.55	8.25		

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

DIMENSION UNITS: mm
SCALE: 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

CURRENT REV DESC:
EC NO: 744677
DRWN: QHE31 2022/06/13
CHK'D: AIDA 2023/07/24
APPR: MARAI 2023/07/24
INITIAL REVISION:
DRWN: QHE31 2020/08/03
APPR: KOMURAKAMI 2021/05/27

molex

PICOBLADE 1.25
HEADER ASSY SMT VERTICAL GOLD PLATING TYPE
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
533980002-SD	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	53398	SEE CHART OF SHEET3	GENERAL	3 OF 4

FORMAT: Custom sheet-A2
REVISION: C
DATE: 2023/07/24

△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		
		WIRE SIZE (AWG)	GOLD PLATING THICKNESS	PART NUMBER
	51021****	#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: mm	SCALE: NTS	CURRENT REV DESC:	molex
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 2022/06/13	DOCUMENT NUMBER: 533980002-SD; DOC TYPE: PSD; DOC PART: 000; REVISION: B
3 PLACES ± 0.2		CHK'D: AIDA 2023/07/24	
2 PLACES ± 0.2		APPR: MARAI 2023/07/24	
1 PLACE ± 0.2		INITIAL REVISION:	
0 PLACES ± 0.2		DRWN: QHE31 2020/08/03	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: KOMURAKAMI 2021/05/27	MATERIAL NUMBER; CUSTOMER: GENERAL; SHEET NUMBER: 4 OF 4
		DRAWING: A2-SIZE; SERIES: 53398	

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/24 10:03:44