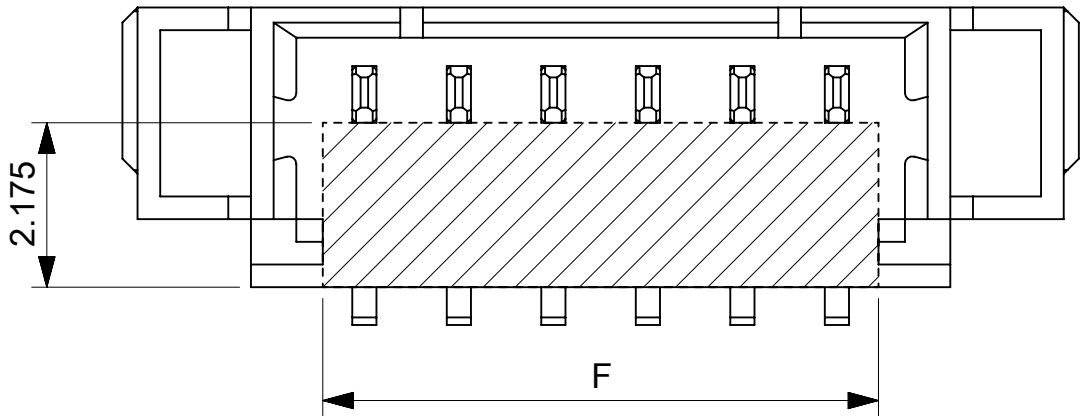
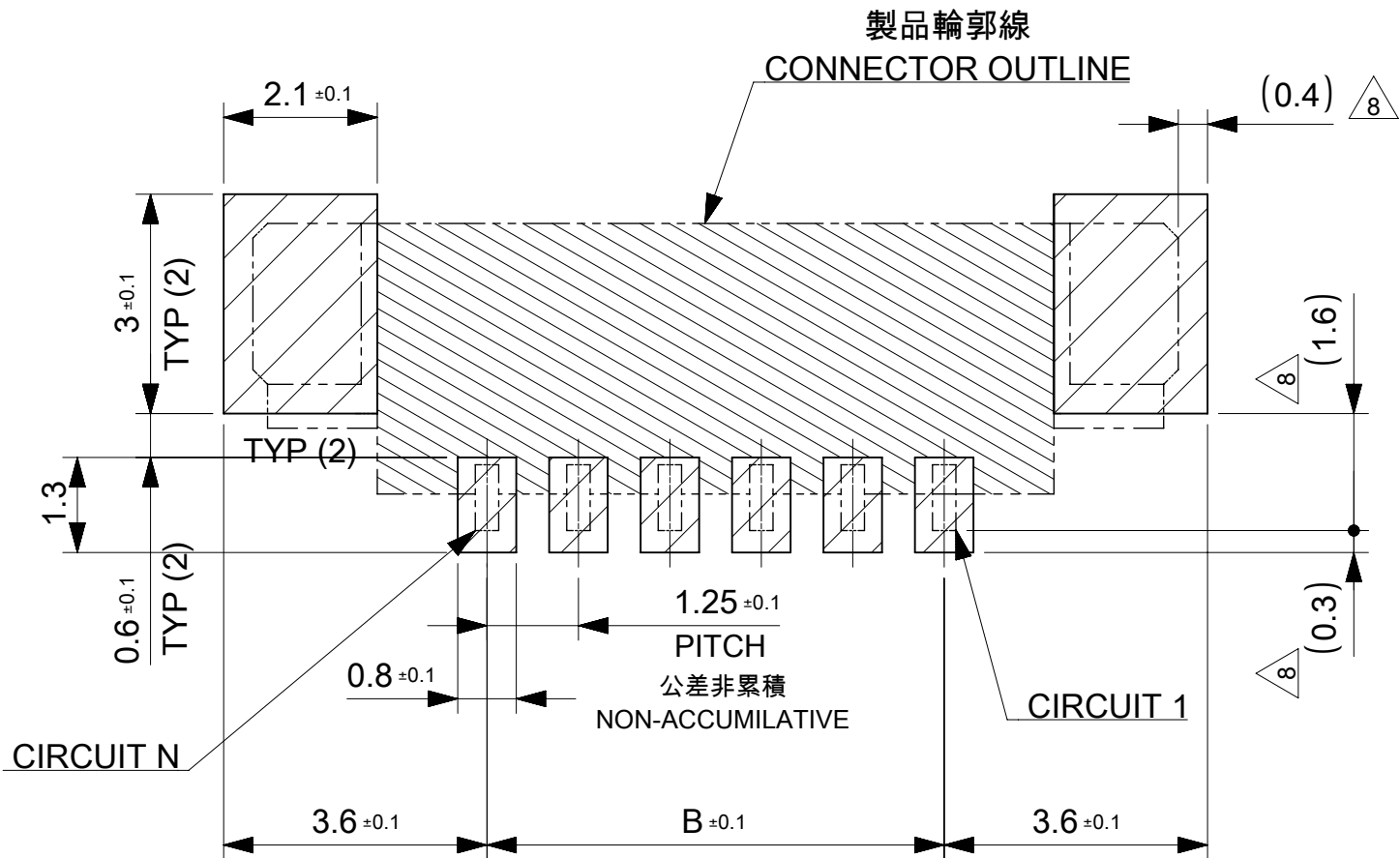




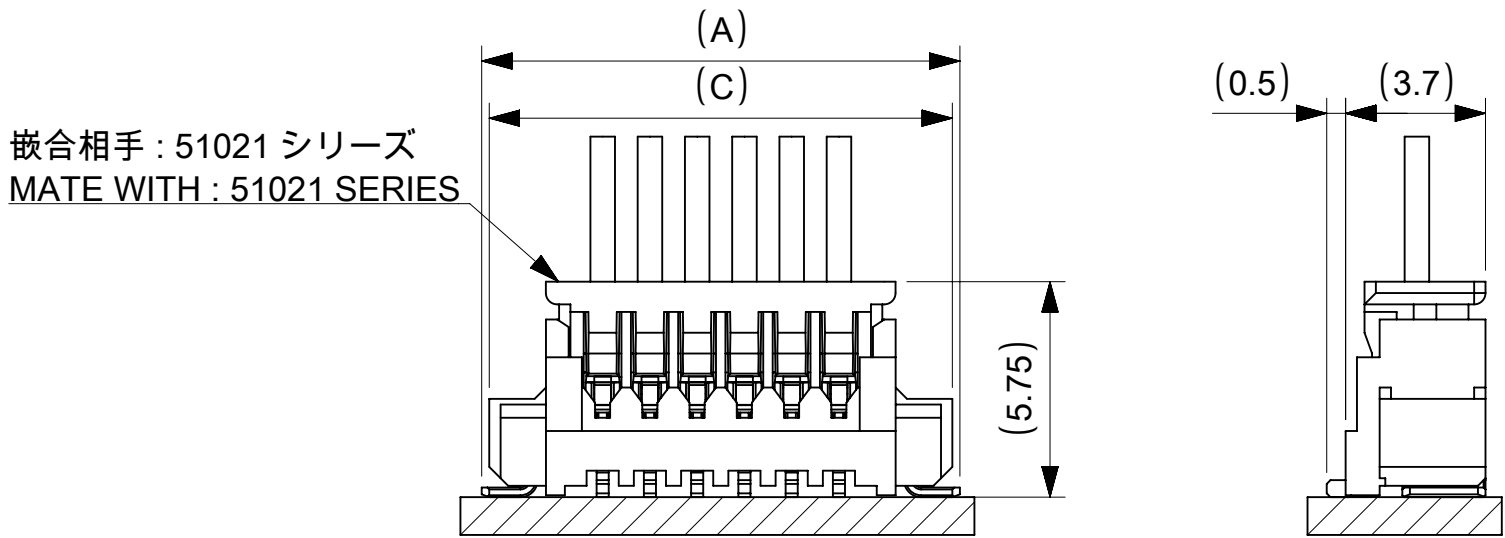
吸着面
VACUUM AREA



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



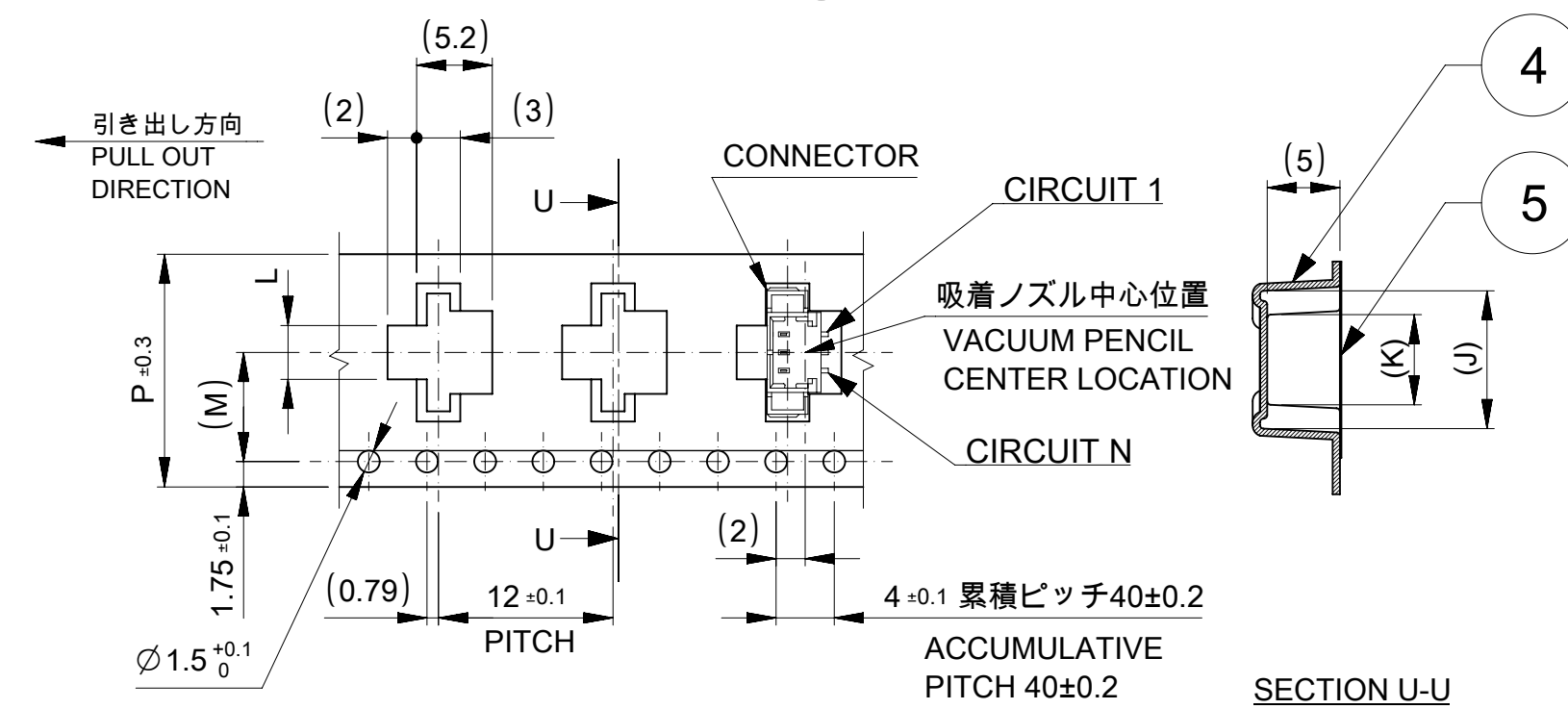
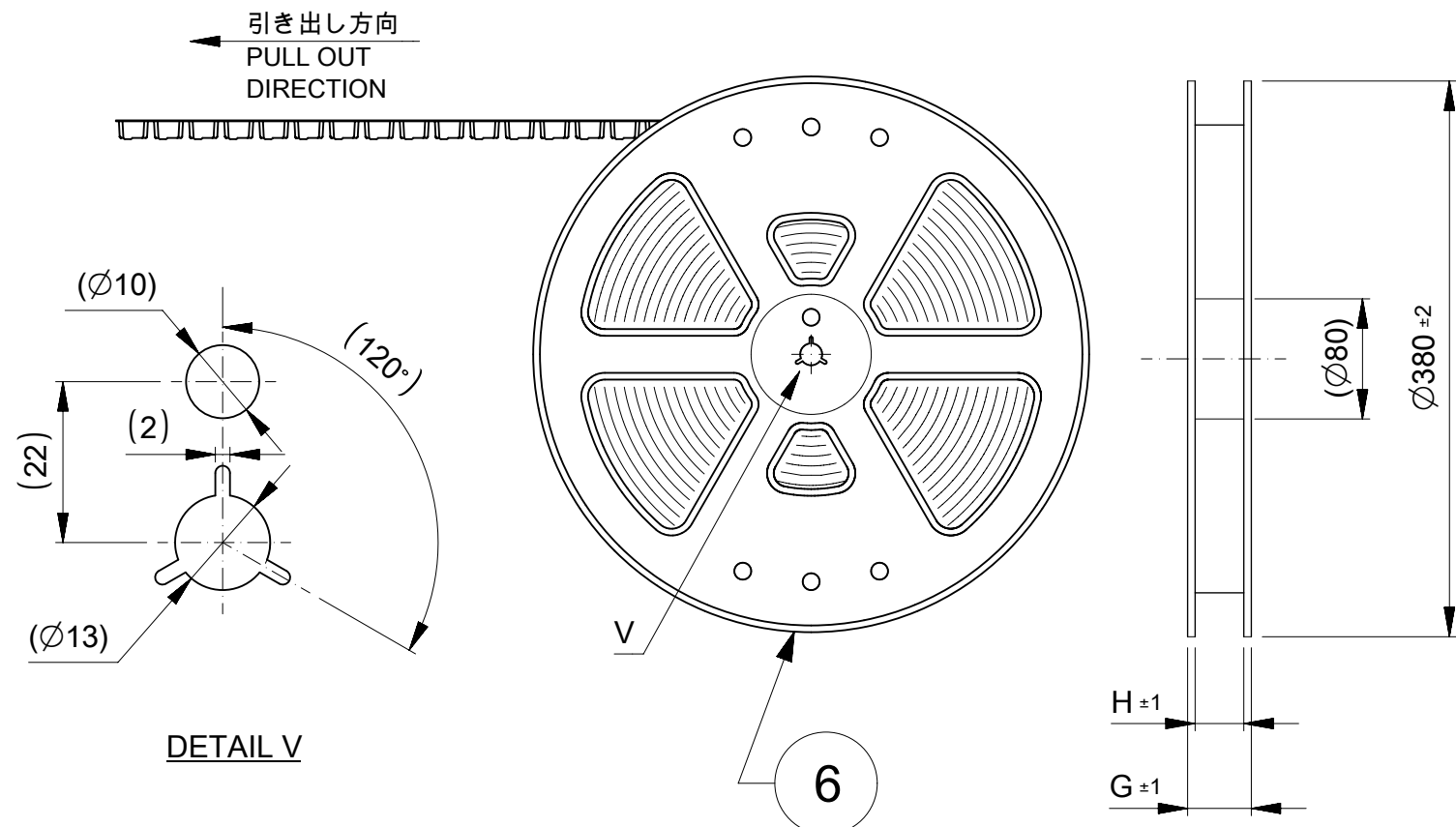
嵌合図
MATED CONNECTORS

- △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.

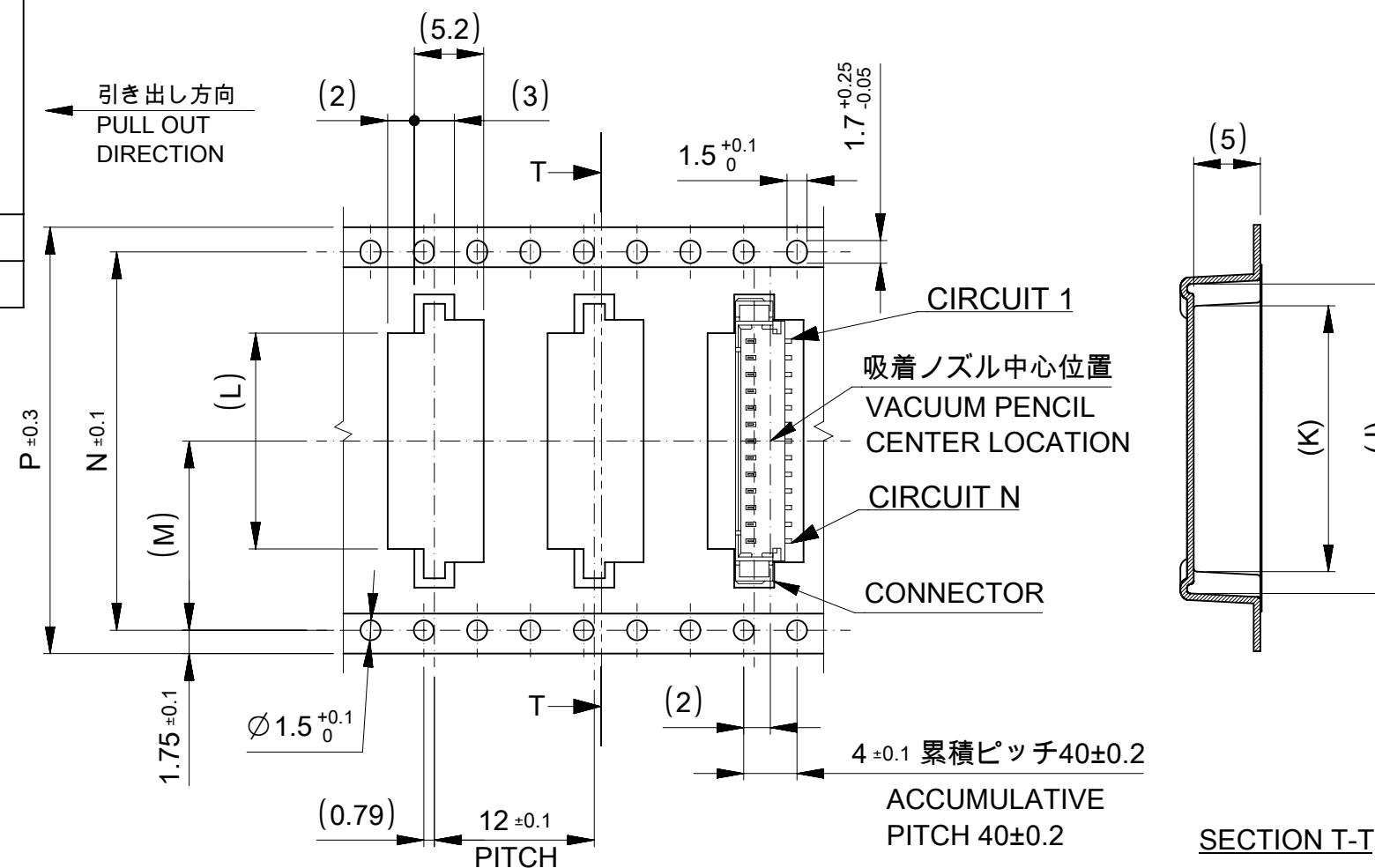
18.6	19.3	20.5	23.5	17.5	23.9	15
17.35	18.05	19.25	22.25	16.25	22.65	14
16.1	16.8	18	21	15	21.4	13
14.85	15.55	16.75	19.75	13.75	20.15	12
13.6	14.3	15.5	18.5	12.5	18.9	11
12.35	13.05	14.25	17.25	11.25	17.65	10
11.1	11.8	13	16	10	16.4	9
9.85	10.55	11.75	14.75	8.75	15.15	8
8.6	9.3	10.5	13.5	7.5	13.9	7
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 PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE									
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 3.0 °				EC NO: 744677				PRODUCT CUSTOMER DRAWING									
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											
INITIAL REVISION:				DOCUMENT NUMBER 533980002-SD				DOC TYPE		DOC PART		REVISION					
1 PLACE		± 0.2						DRWN: QHE31		2020/08/03		PSD		000		B	
0 PLACES		± 0.2						APPR: KOMURAKAMI		2021/05/27							
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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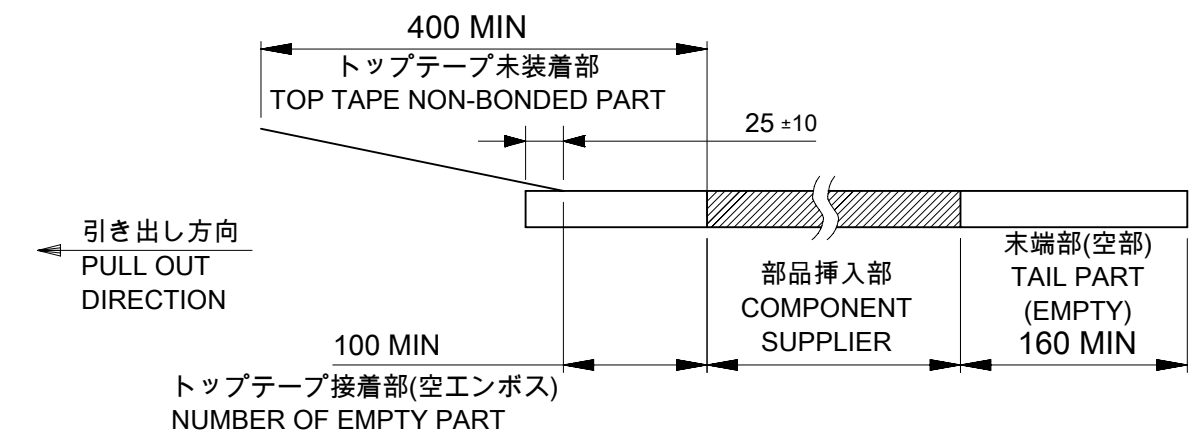
16mm幅(2~3極用) および24mm幅(4~10極用)キャリアテープ
16mm (FOR 2-3 CIRCUIT) OR 24mm (FOR 4-10 CIRCUIT) WIDTH CARRIER TAPE



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
NUMBER 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

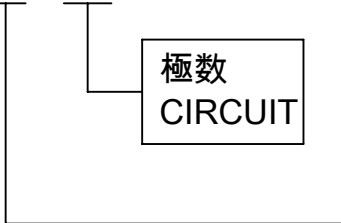
番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	MXL生産分：ポリプロピレン(PP) PROCEED BY MXL: POLYPROPYLENE(PP) MXK生産分：ポリスチレン(PS) PROCEED BY MXK: POLYSTYRENE(PS)
⑤	トップテープ TOP TAPE	ポリエチレンテレフタレート(PET)、その他 POLYETHYLENE TEREPHTHALATE(PET), OTHER
⑥	リール REEL	ポリスチレン(PS) <リサイクル材を含む> POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED >

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

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		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			PICOBLADE 1.25 HEADER ASSY SMT VERTICAL GOLD PLATING TYPE				
ANGULAR TOL ± 3.0 °					PRODUCT CUSTOMER DRAWING				
4 PLACES ± 0.2	DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
3 PLACES ± 0.2	533980002-SD				PSD	000	B		
2 PLACES ± 0.2	THIRD ANGLE PROJECTION				MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
1 PLACE ± 0.2	DRAWING		SERIES	SEE CHART OF SHEET3		GENERAL		3 OF 4	
0 PLACES ± 0.2	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A2-SIZE		53398				

△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

B	533985015	533984015	15	
	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：EMBOSSD TAPE AND REEL				
DOCUMENT STATUS		P1	RELEASE DATE	2023/07/24

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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					

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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	SERIES	MATERIAL NUMBER	CUSTOMER				
				A2-SIZE	53398		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
000

REVISION
B