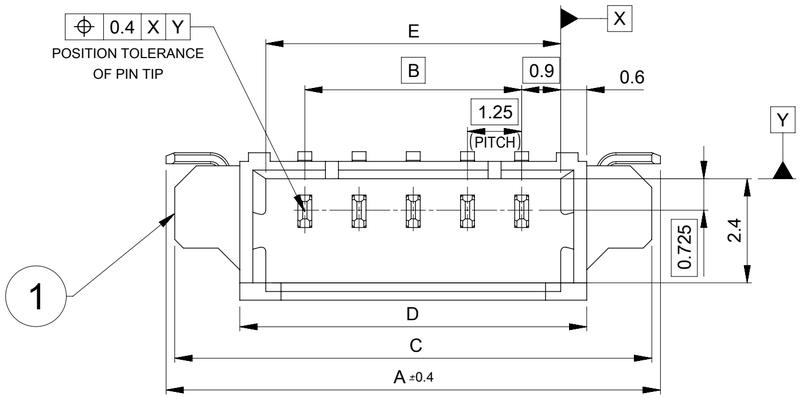
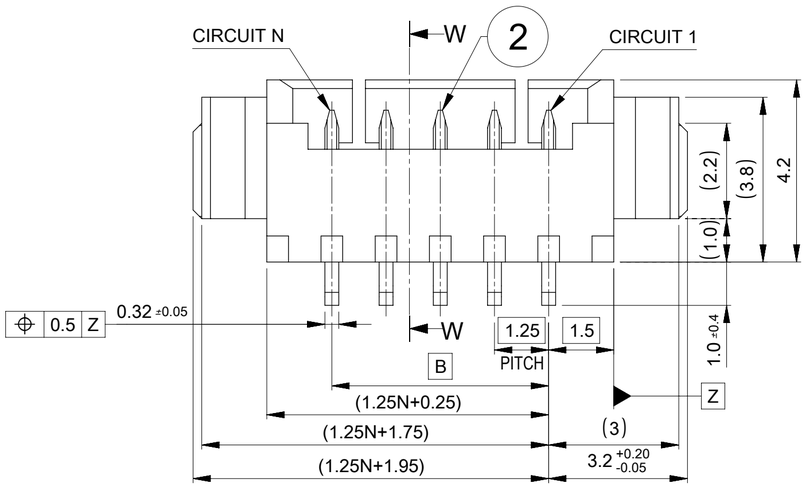
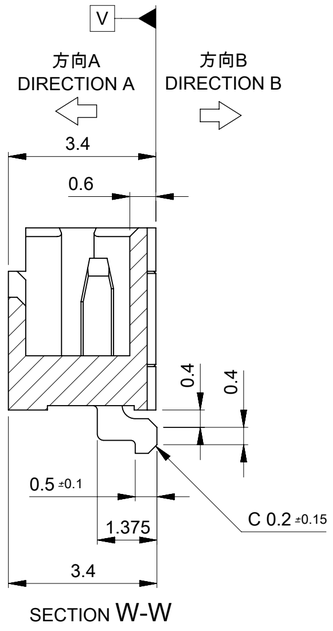
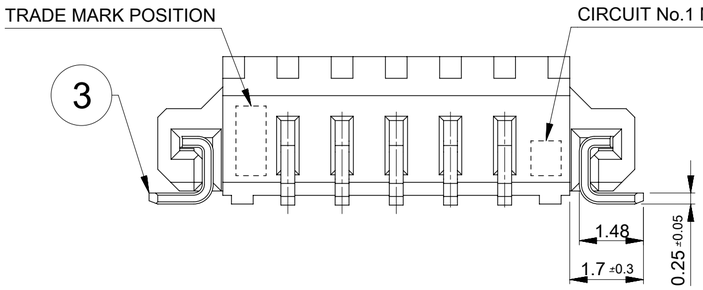
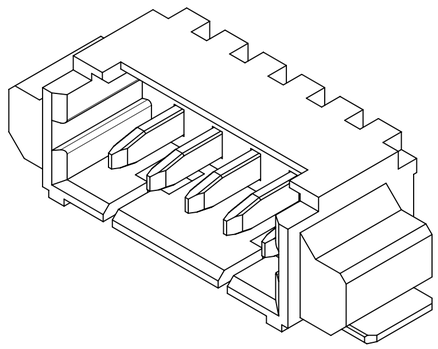






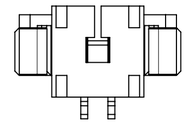
SECTION W-W



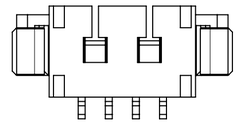


NOTES

1. 材料およびめっき仕様 : TABLE 1 参照
   MATERIAL AND PLATING : REFER TO TABLE 1
2. 適用製品及び各種仕様書はSHEET 5を参照のこと
   REFER TO SHEET 5 ABOUT APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS
3. 梱包形態 : SHEET 3 参照
   PACKAGING INFOMATION : SEE SHEET 3
4. テールおよびネイルのズレは基準面 V に対しA方向に0.05 MAX、B方向に0.1 MAX
   MISALIGNMENT OF TAILS AND NAILS FROM V,
   DIRECTION A: 0.05 MAX, DIRECTION B: 0.1 MAX
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. 本製品は錫めっき品です。金めっき品は532610000-SD 000をご参照ください
   THIS PRODUCT IS TIN PLATING TYPE.
   PLEASE REFER TO 532610000-SD FOR GOLD PLATING TYPE.
7. 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 2, 3極形状 (1ロック)
FIGURE OF 2, 3 CIRCUIT (1 LOCK)



△7 4極以上ロック形状 (2ロック)
FIGURE OF MORE THAN 4 CIRCUIT (2 LOCKS)

△1 TABLE1

E	D	C	B	A	色：黒 COLOUR: BLACK	色：ナチュラル(ベージュ) COLOUR: NATURAL (BEIGE)	極数 CIRCUIT SIZE
					△11 発注番号 ORDER NO		
					梱包形態 : エンボス梱包 PACKAGING : EMBOSSED TAPE AND REEL		
19.3	20.5	23.5	17.5	23.9	---	532611571	15
18.05	19.25	22.25	16.25	22.65	532611427	532611471	14
16.8	18	21	15	21.4	---	532611371	13
15.55	16.75	19.75	13.75	20.15	532611227	532611271	12
14.3	15.5	18.5	12.5	18.9	---	532611171	11
13.05	14.25	17.25	11.25	17.65	---	532611071	10
11.8	13	16	10	16.4	532610927	532610971	9
10.55	11.75	14.75	8.75	15.15	532610827	532610871	8
9.3	10.5	13.5	7.5	13.9	532610727	532610771	7
8.05	9.25	12.25	6.25	12.65	532610627	532610671	6
6.8	8	11	5	11.4	532610527	532610571	5
5.55	6.75	9.75	3.75	10.15	532610427	532610471	4
4.3	5.5	8.5	2.5	8.9	532610327	532610371	3
3.05	4.25	7.25	1.25	7.65	---	532610271	2

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: 表参照 POLYAMIDE(PA), UL94V-0, GLASS-FILLED, COLOUR: SEE CHART
②	ターミナル TERMINAL	りん青銅 PHOSPHOR BRONZE
		無光沢錫めっき 1.0 MICROMETER MINIMUM MATTE TIN PLATING 1.0 MICROMETER MINIMUM
		ニッケルめっき 1.0 MICROMETER MINIMUM NICKEL PLATING 1.0 MICROMETER MINIMUM
③	ネイル NAIL	りん青銅 PHOSPHOR BRONZE
		無光沢錫めっき 1.0 MICROMETER MINIMUM MATTE TIN PLATING 1.0 MICROMETER MINIMUM
		ニッケルめっき 1.0 MICROMETER MINIMUM NICKEL PLATING 1.0 MICROMETER MINIMUM

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:38

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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515981

EC NO: 837786

DRWN:	SANATK1	2025/10/23
CHK'D:	GGA	2025/10/28
APPR:	GGA	2025/10/28

INITIAL REVISION:

DRWN:	QHE31	2021/12/15
APPR:	KOMURAKAMI	2021/12/24

THIRD ANGLE PROJECTION

molex

PICOBLADE 1.25
SMT RIGHT ANGLE TIN PLATING TYPE

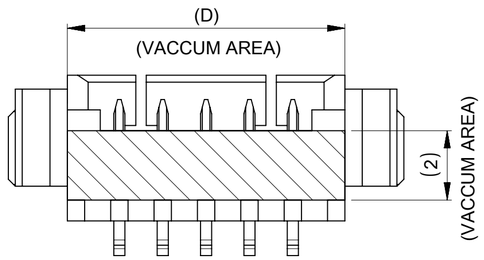
PRODUCT CUSTOMER DRAWING

DRAWING	SERIES
A2-SIZE	53261

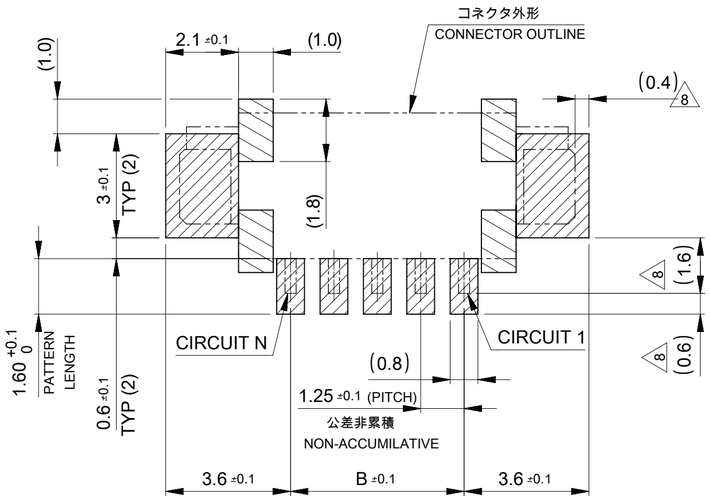
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
532610001-SD	PSD	000	E1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	1 OF 4

FORMAT: master-tb-prod-A2
REVISION: 21
DATE: 2021/05/01



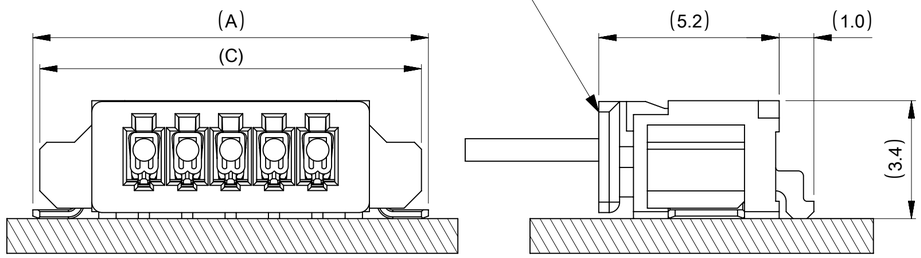
吸着エリア
VACCUM AREA



推奨基板レイアウト (実装面側)
RECOMMENDED P.C.B LAYOUT : COMPONENT SIDE
(参考：基板厚 1.0mm, メタルマスク厚さ: 0.15mm, マスク開口率:100%)
(REFERENCE：P.C.B THICKNESS 1.0mm, STENCIL THICKNESS: 0.15mm, APERTURE:100%)

：パターンおよびはんだ禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS AND SOLDER ALLOWED

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



嵌合図
MATED CONNECTOR

NOTES

8 製品輪郭線からパッドまでの寸法を示す。
DIMENSIONS FROM CONNECTOR OUTLINE TO PAD

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

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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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515981

EC NO: 837786
DRWN: SANATK1 2025/10/23
CHK'D: GGA 2025/10/28
APPR: GGA 2025/10/28

INITIAL REVISION:
DRWN: QHE31 2021/12/15
APPR: KOMURAKAMI 2021/12/24

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 53261

molex

PICOBLADE 1.25
SMT RIGHT ANGLE TIN PLATING TYPE

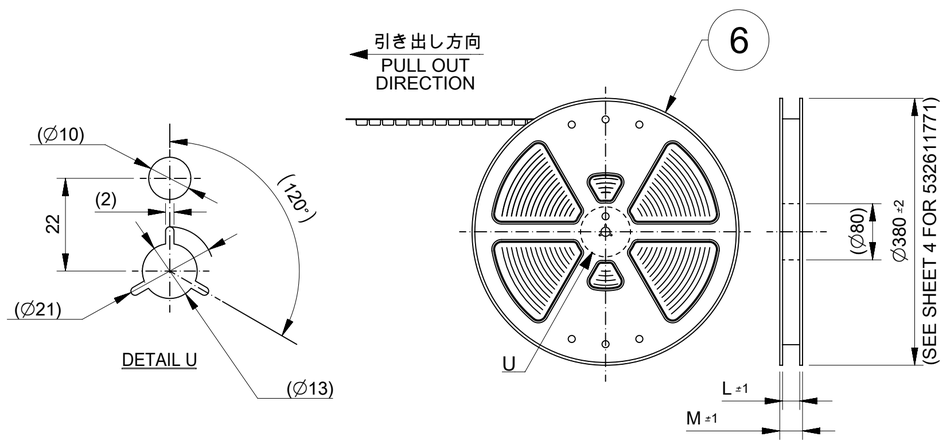
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
532610001-SD	PSD	000	E1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	2 OF 4

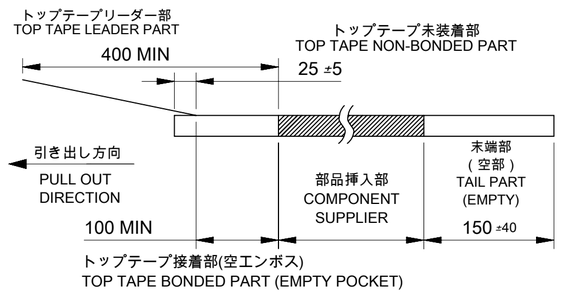
DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:38

FORMAT: master-tb-prod-A2
REVISION: 21
DATE: 2021/05/01



注釈　NOTE

9. 梱包数量: 1600個/リール (532611771についてはSHEET 4を参照)
   NUMBER OF CONNECTOR: 1600PCS/REEL
   (SEE SHEET 4 FOR 532611771)
10. リードテープ長さ(532611771についてはSHEET 4を参照)
    LEAD TAPE LENGTH (SEE SHEET 4 FOR 532611771)

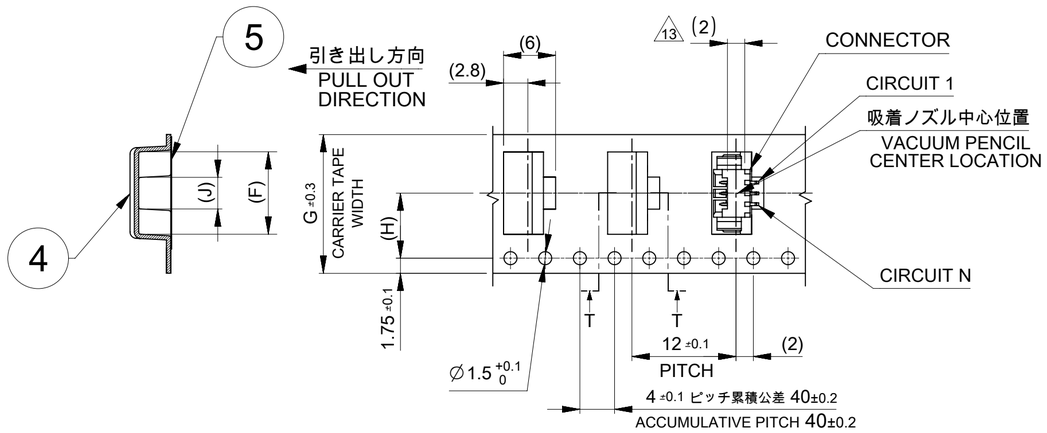


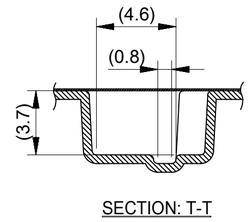
△11 発注番号
ORDER NUMBER
53261****
極数
CIRCUIT

△12 材料: TABLE 2参照
MATERIAL: REFER TO TABLE 2

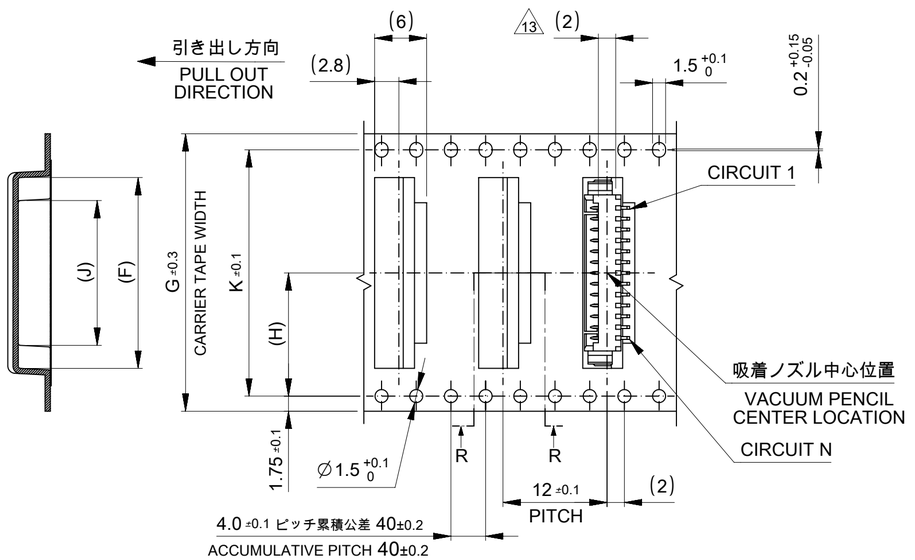
△13 コネクタハウジング平面部
CONNECTOR HOUSING FLAT AREA.

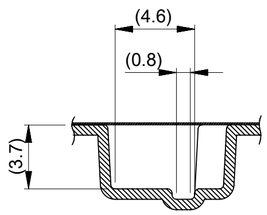
14. トップテープの剥離強度はIEC 60286-3に準拠。
    TOP TAPE PEELING FORCE IS DEFINED BY IEC 60286-3.
15. 本製品は乾燥剤入りハイバリア梱包仕様である。
    THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.





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(14~15, 17極用)キャリアテープ
32mm (FOR 11~13 CIRCUIT) OR 44mm (FOR 14~15, 17 CIRCUIT) WIDTH CARRIER TAPE

△12 TABLE2

番号 NO.	部品 PART	材質 MATERIAL
④	キャリアテープ CARRIER 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), 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 >

M	L	K	J	H	キャリアテープ幅 G CARRIER TAPE WIDTH G	F	極数 CIRCUIT SIZE
49.4	45.4	40.4	18.7	20.2	42	24.5	15
			17.45			23.25	14
37.4	33.4	28.4	16.2	14.2	32	22	13
			14.95			20.75	12
			13.7			19.5	11
29.4	25.4	-	12.45	11.5	24	18.25	10
			11.2			17	9
			9.95			15.75	8
			8.7			14.5	7
			7.45			13.25	6
			6.2			12	5
			4.95			10.75	4
21.4	17.4	-	3.7	7.5	16	9.5	3
			2.45			8.25	2

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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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515981

EC NO: 837786
DRWN: SANATK1 2025/10/23
CHK'D: GGA 2025/10/28
APPR: GGA 2025/10/28

INITIAL REVISION:
DRWN: QHE31 2021/12/15
APPR: KOMURAKAMI 2021/12/24

molex

PICOBLADE 1.25
SMT RIGHT ANGLE TIN PLATING TYPE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
532610001-SD	PSD	000	E1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	53261	SEE CHART	GENERAL	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:38

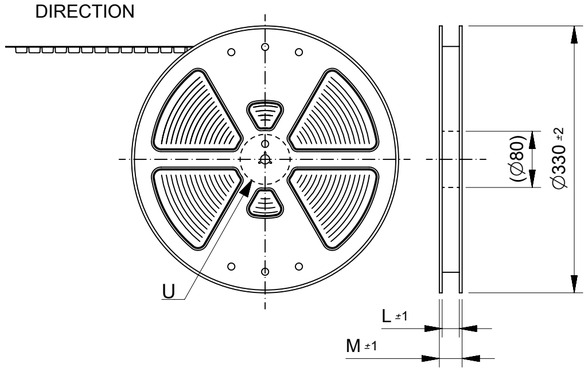
FORMAT: master-tb-prod-A2
REVISION: J1
DATE: 2021/05/01

△2 適合製品及び各種仕様書
APPLICABLE PRODUCTS AND SPECIFICATIONS

梱包仕様書 PACKING SPECIFICATION		PART NUMBER		SPECIFICATION NUMBER	
		53261**71 / 53261**27		SPK-53261-002 532619200-SPK (ONLY 532611771)	
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-51021-024 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			

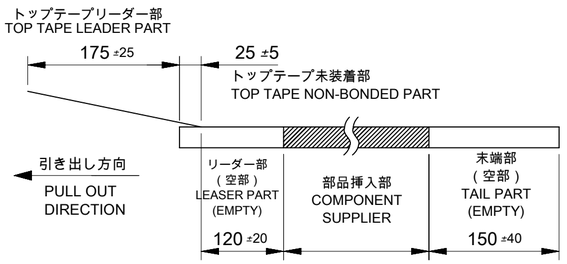
532611771に適用
APPLIES TO 532611771

引き出し方向
PULL OUT DIRECTION



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

18. リードテープ長さ
LEAD TAPE LENGTH



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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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515981

EC NO: 837786
DRWN: SANATK1 2025/10/23
CHK'D: GGA 2025/10/28
APPR: GGA 2025/10/28

INITIAL REVISION:
DRWN: QHE31 2021/12/15
APPR: KOMURAKAMI 2021/12/24

molex

PICOBLADE 1.25
SMT RIGHT ANGLE TIN PLATING TYPE

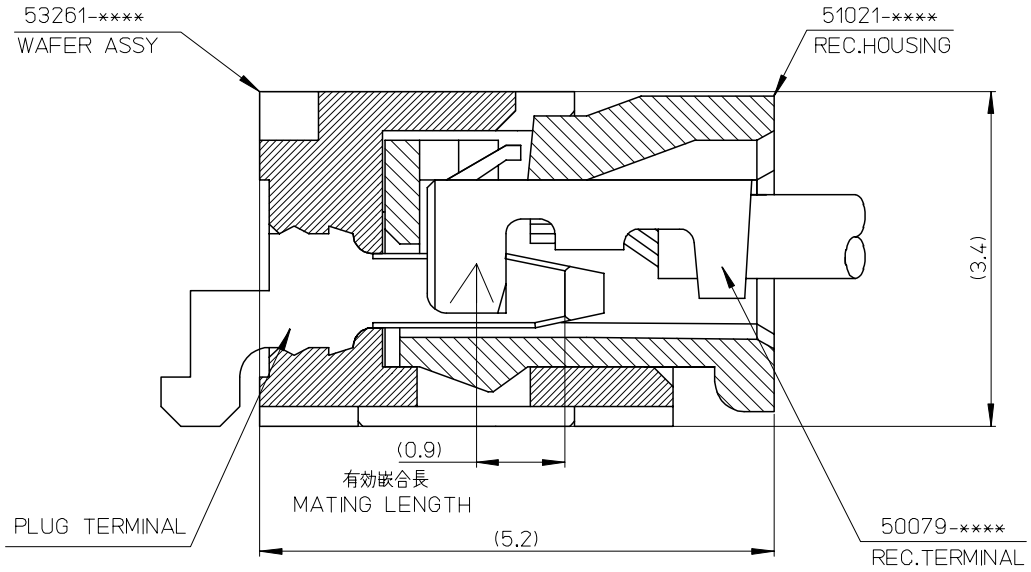
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
532610001-SD	PSD	000	E1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	53261	SEE CHART	GENERAL	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:38

FORMAT: master-tb-prod-A2
REVISION: 21
DATE: 2021/05/01



MODEL NO./MATERIAL NO.			
53261-××××	WAFER ASSY		
50079-××××	TERMINAL	REC.	
51021-××××	HOUSING		

RELEASED
EC NO: J2006-2426
DRWN:YAOYAGI 2006/02/02
CHKD:YMAEDA 2006/02/03
APPR:NUKITA 2006/02/07

REV	DESCRIPTION
0	

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	
MM ONLY	---	METRIC	THIRD ANGLE PROJECTION

DRAWN BY	Y.AOYAGI	DATE 2006/01/30
CHECKED BY	Y.MAEDA	DATE 2006/01/30
APPROVED BY	N.UKITA	DATE 2006/01/30

TITLE
1.25 W-TO-B CONN.
51021,53261
MATING CROSS SECTION

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-51021-002	1 OF 1

SIZE A3

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