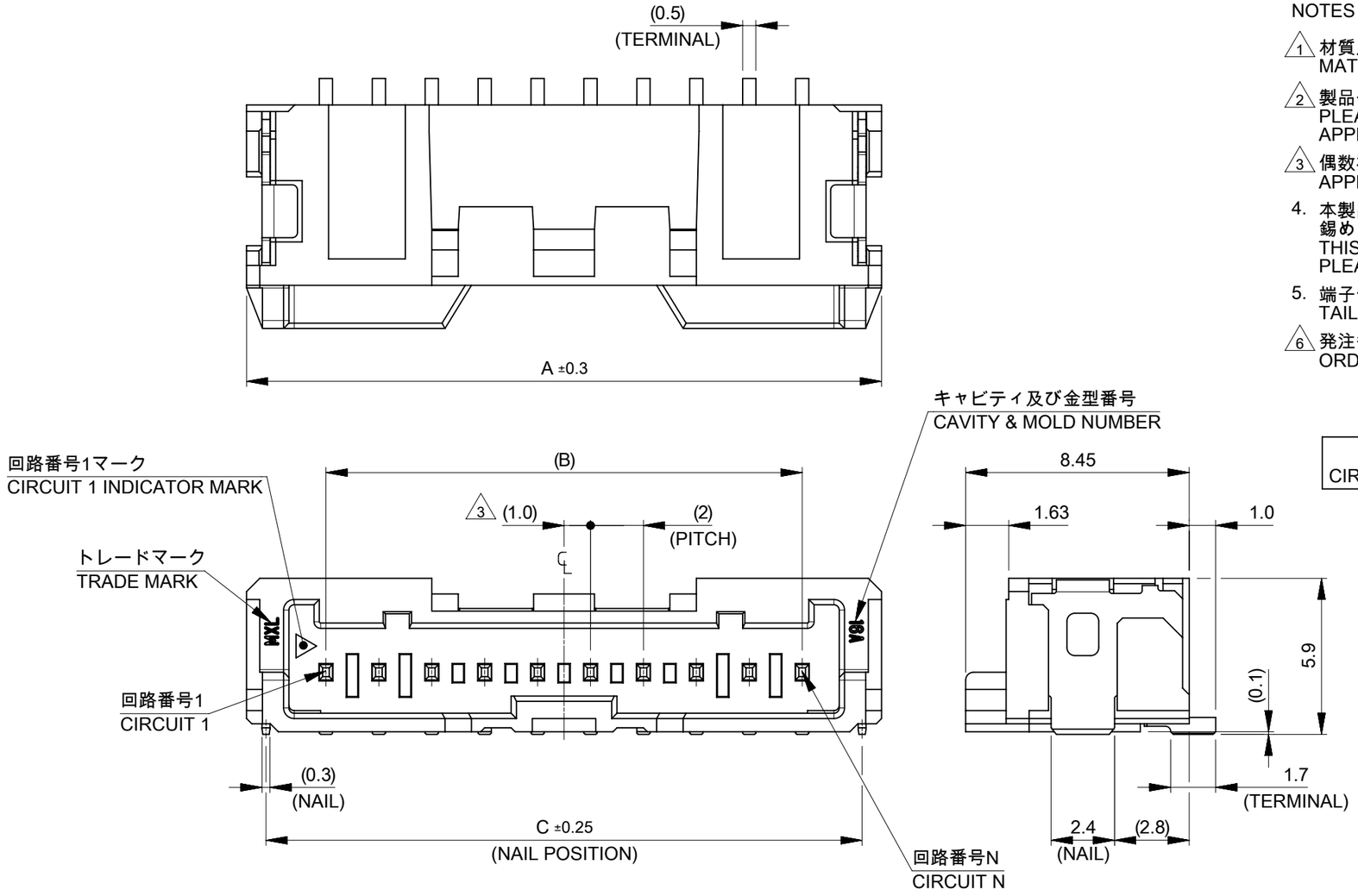


NOTES

1. 材質及び仕上げ(めっき仕様) : TABLE 1 参照
   MATERIAL AND FINISHES (PLATING SPECIFICATION) : SEE TABLE 1
2. 製品仕様書、コネクタ取扱説明書、適合嵌合相手はSHEET 5をご参照下さい。
   PLEASE REFER TO SHEET 5 FOR PRODUCT SPECIFICATION,
   APPLICATION SPECIFICATION AND MATE WITH.
3. 偶数極に適用
   APPLY TO EVEN CIRCUIT
4. 本製品は金めっき品である。
   錫めっき品は5055780001 PSD 000をご参照下さい。
   THIS IS GOLD PLATING PRODUCT.
   PLEASE REFER TO 5055780001 PSD 000 FOR TIN PLATING PRODUCT.
5. 端子テール部及びネイルの平坦度：0.1mm以下
   TAIL AND NAIL COPLANARITY TO BE 0.1mm MAXIMUM.
6. 発注番号 : SHEET 5参照
   ORDER NUMBER : PLEASE REFER TO SHEET 5

505578****

極数 CIRCUIT SIZE

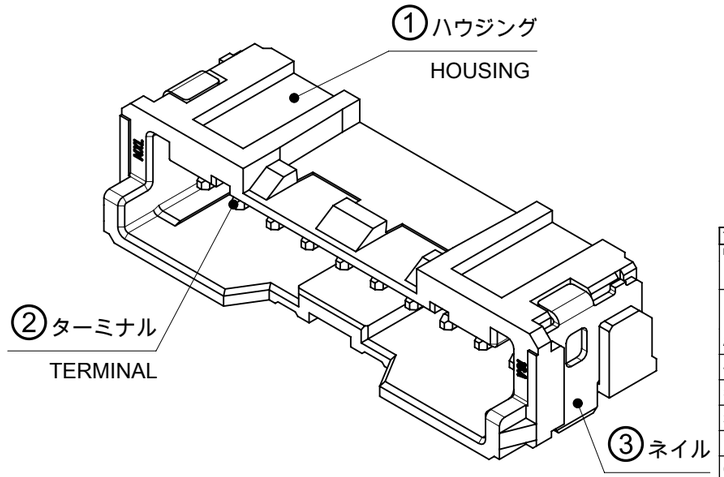
番号 NO.	ハウジングカラー HOUSING COLOR
0	ナチュラル(白) NATURAL (WHITE)
1	黒 BLACK

番号 NO.	接点部 金めっき厚 CONTACT GOLD PLATING THICKNESS [MICROMETER MINIMUM]
6	0.1
2	0.38
4	0.76

34.53	30	36	16
32.53	28	34	15
30.53	26	32	14
28.53	24	30	13
26.53	22	28	12
24.53	20	26	11
22.53	18	24	10
20.53	16	22	9
18.53	14	20	8
16.53	12	18	7
14.53	10	16	6
12.53	8	14	5
10.53	6	12	4
8.53	4	10	3
6.53	2	8	2
C	B	A	極数 CIRCUIT SIZE

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), ガラス充填, UL94V-0, 色 : SHEET 5 参照 POLYAMIDE (PA), GLASS FILLED, UL94V-0, COLOR : SEE SHEET 5
②	ターミナル TERMINAL	黄銅 BRASS
		金めっき (接点部) : SHEET 5 参照 GOLD PLATING (CONTACT) : SEE SHEET 5
		ニッケルめっき (下地めっき) : 2.0 MICROMETER MINIMUM NICKEL PLATING (UNDERPLATING)
③	ネイル NAIL	リン青銅 PHOSPHOR BRONZE
		錫めっき : 1.0 MICROMETER MINIMUM MATTE TIN PLATING
		ニッケルめっき (下地めっき) : 1.0 MICROMETER MINIMUM NICKEL PLATING (UNDERPLATING)



DOCUMENT STATUS	P1	RELEASE DATE	2023/08/04 04:04:02

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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:

EC NO: 718854
DRWN: SOKUMURA01 2022/04/27
CHK'D: SAKIYAMA 2023/08/04
APPR: MARAI 2023/08/04

INITIAL REVISION:
DRWN: SOKUMURA01 2022/04/27
APPR: MARAI 2023/08/04

molex

MICRO-LOCK PLUS 2.0 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

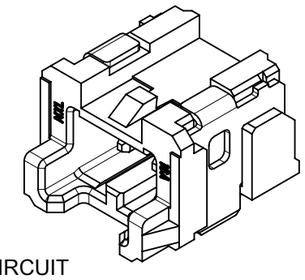
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780002-SD	PSD	000	A

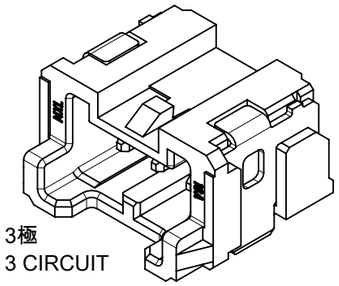
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	505578	SEE SHEET 5	GENERAL	1 OF 5

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

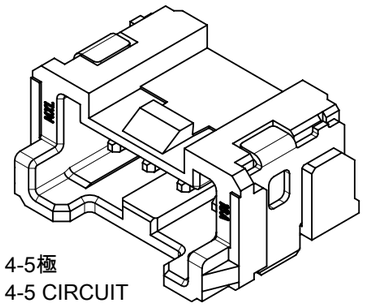
製品形状
PRODUCT SHAPE



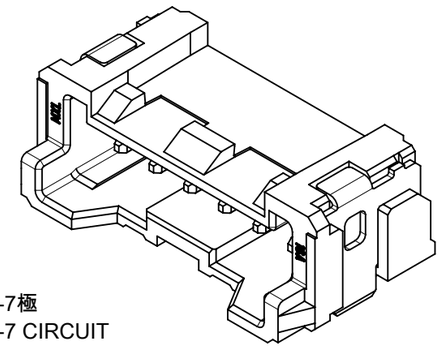
2極
2 CIRCUIT



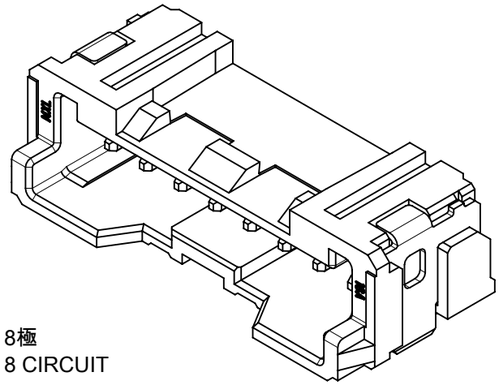
3極
3 CIRCUIT



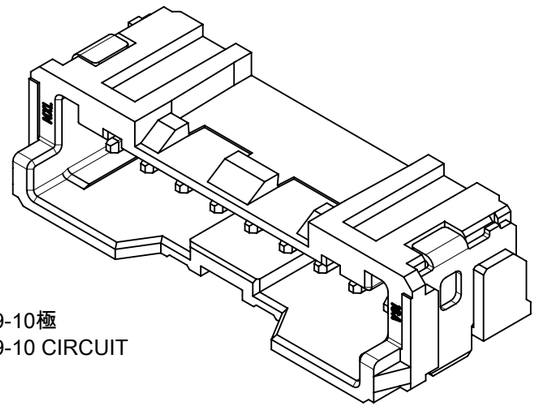
4-5極
4-5 CIRCUIT



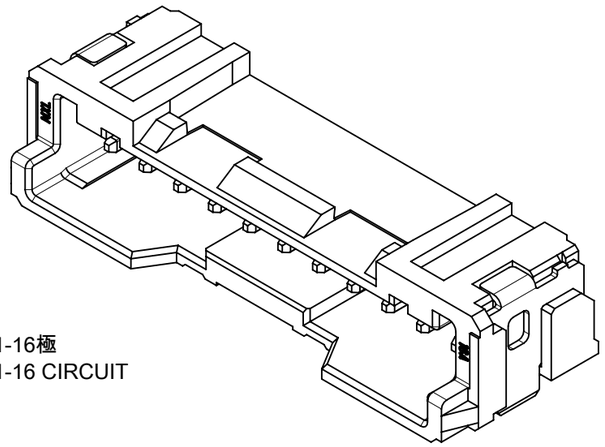
6-7極
6-7 CIRCUIT



8極
8 CIRCUIT

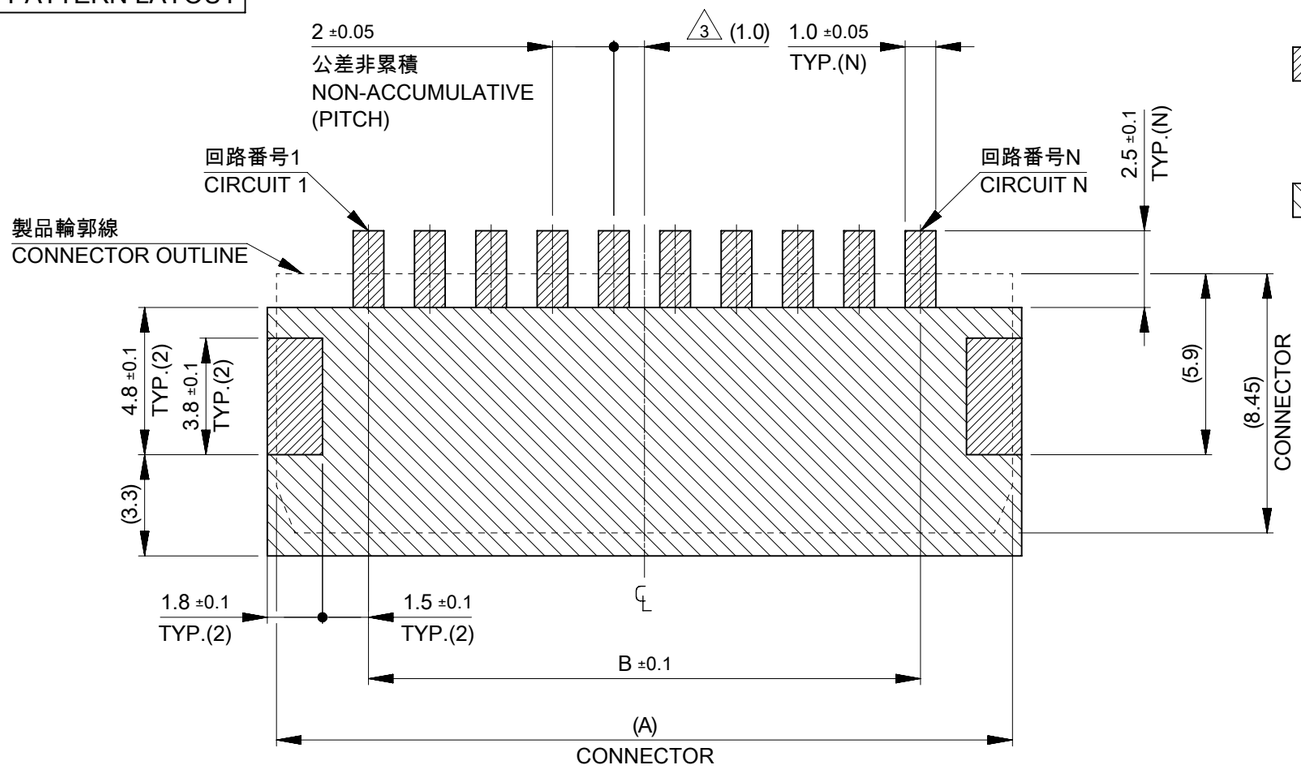


9-10極
9-10 CIRCUIT



11-16極
11-16 CIRCUIT

基板パターンレイアウト
PCB PATTERN LAYOUT



推奨基板パターンレイアウト
(参考：基板厚1.6mm, メタルマスク厚0.15mm, マスク開口率100%)
RECOMMENDED PCB PATTERN LAYOUT
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)

パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED

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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:

EC NO: 718854
DRWN: SOKUMURA01 2022/04/27
CHK'D: SAKIYAMA 2023/08/04
APPR: MARAI 2023/08/04

INITIAL REVISION:
DRWN: SOKUMURA01 2022/04/27
APPR: MARAI 2023/08/04

molex

MICRO-LOCK PLUS 2.0 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

PRODUCT CUSTOMER DRAWING

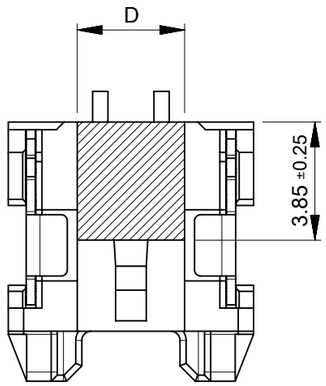
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5055780002-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	505578	SEE SHEET 5	GENERAL	2 OF 5

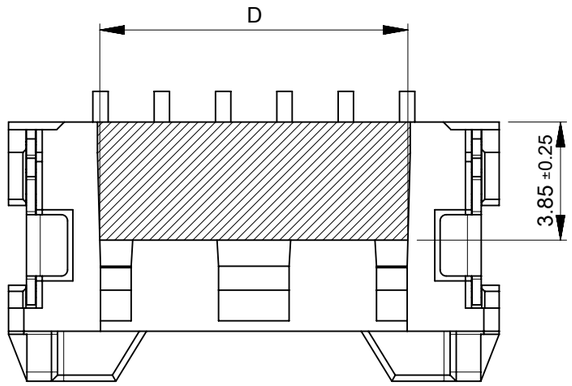
DOCUMENT STATUS	P1	RELEASE DATE	2023/08/04 04:04:02

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

吸着エリア
SUCTION AREA

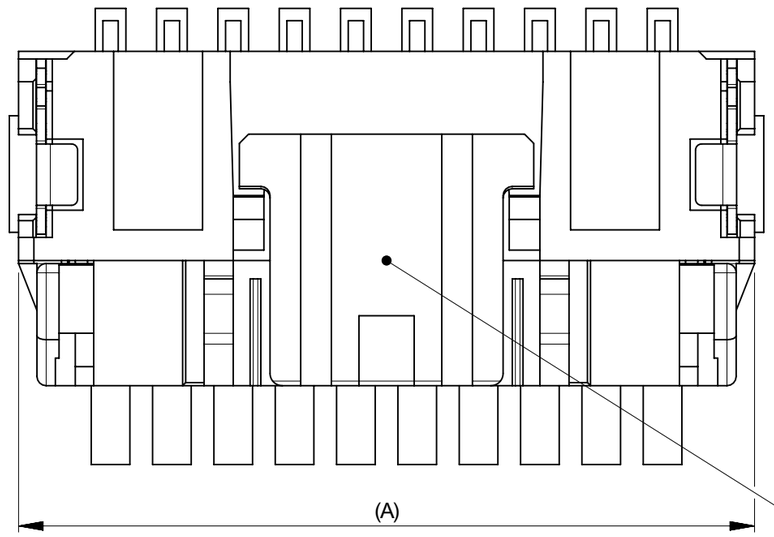


2-5 CIRCUIT



6-16 CIRCUIT

嵌合状態図
MATED CONNECTOR



嵌合相手：505570シリーズ
MATE WITH : 505570 SERIES

14	16
	15
	14
	13
	12
	11
	10
10	9
	8
	7
	6
5.5	5
	4
3.5	3
	2
D	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
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: 718854
DRWN: SOKUMURA01 2022/04/27
CHK'D: SAKIYAMA 2023/08/04
APPR: MARAI 2023/08/04

INITIAL REVISION:
DRWN: SOKUMURA01 2022/04/27
APPR: MARAI 2023/08/04

molex

MICRO-LOCK PLUS 2.0 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

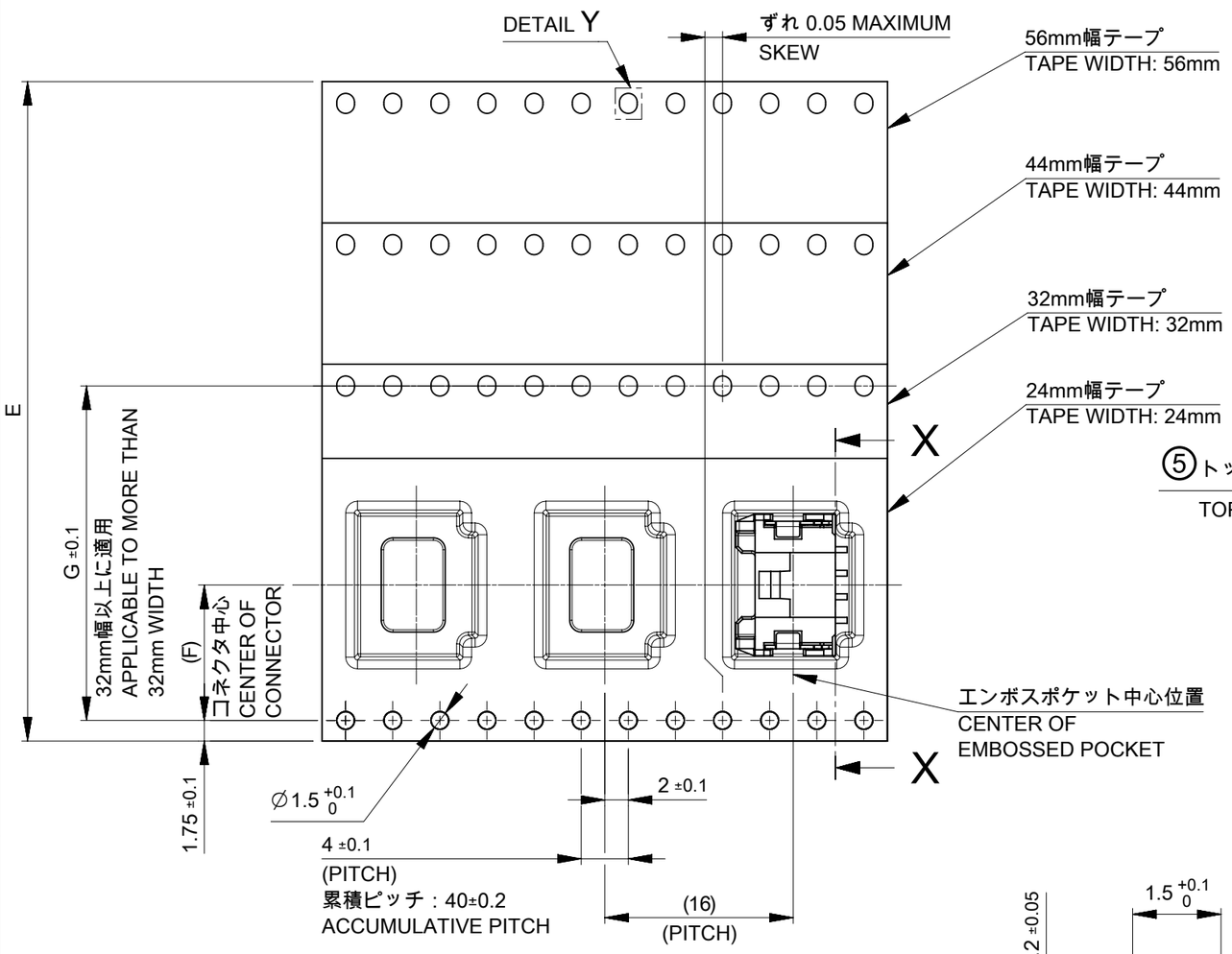
PRODUCT CUSTOMER DRAWING

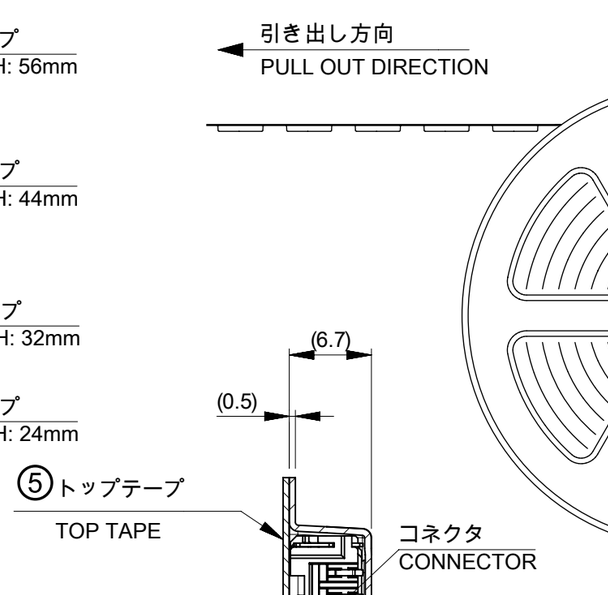
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780002-SD	PSD	000	A

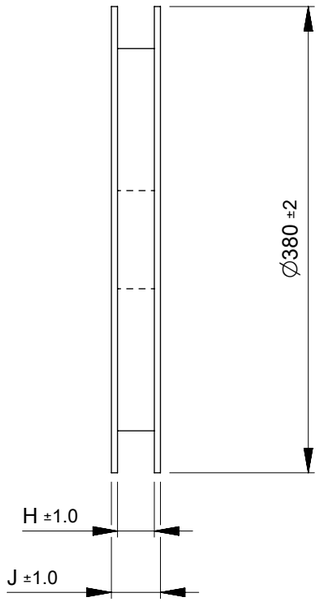
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	505578	SEE SHEET 5	GENERAL	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/04 04:04:02

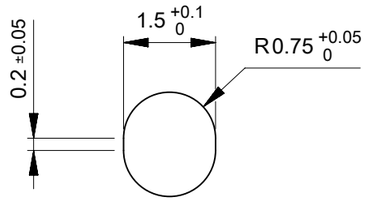
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REVISION: J1
DATE: 2021/05/01



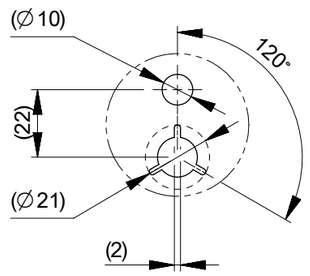




SECTION X-X



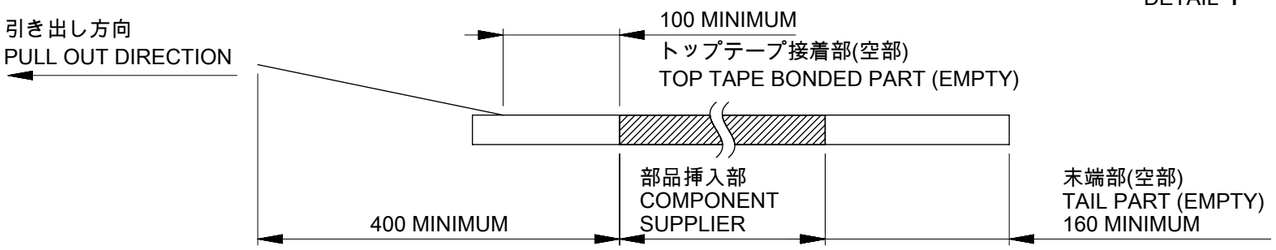
DETAIL Y



DETAIL Z

NOTES

7. 梱包数量：900個
   THE NUMBER OF CONNECTORS : 900 PIECES / REEL
8. トップテープの剥離強度については、IEC 60286-3に準拠
   TOP TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.
9. リードテープ長さ
   LEAD TAPE LENGTH



J	H	G	F	E	極数 CIRCUIT SIZE
61.4	57.4	52.4	26.2	56 ±0.3	16
					15
					14
49.4	45.4	40.4	20.2	44 ±0.3	13
					12
					11
					10
					9
					8
37.4	33.4	28.4	14.2	32 ±0.3	7
					6
29.4	25.4	-	11.5	24 +0.3 -0.1	5
					4
					3
					2

⚠1 TABLE 2

番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSED TAPE	ポリスチレン(PS) POLYSTYLENE(PS)
⑤	トップテープ TOP TAPE	ポリエチレン(PE), その他 POLYETHYLENE(PE), OTHER
⑥	リール REEL	ポリスチレン(PS), [リサイクル材を含む] POLYSTYLENE(PS) [RECYCLY MATERIAL CONTAINED]

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/04 04:04:02

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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

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EC NO: 718854
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molex

MICRO-LOCK PLUS 2.0 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780002-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	505578	SEE SHEET 5	GENERAL	4 OF 5

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

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

梱包仕様書 PACKAGING SPECIFICATION	5055789200 PS 200

適合嵌合相手シリーズ番号 MATE WITH SERIES NUMBER	505570
製品仕様書 PRODUCT SPECIFICATION	5055700002-PS PS 000
コネクタ取扱説明書 APPLICATION SPECIFICATION	5055700001 PS A03

△6 製品一覧
ORDER NUMBER LIST

BLACK	NATURAL(WHITE)	BLACK	NATURAL(WHITE)	BLACK	NATURAL(WHITE)	HOUSING COLOR
5055781641	5055781640	5055781621	5055781620	5055781661	5055781660	16
5055781541	5055781540	5055781521	5055781520	5055781561	5055781560	15
5055781441	5055781440	5055781421	5055781420	5055781461	5055781460	14
5055781341	5055781340	5055781321	5055781320	5055781361	5055781360	13
5055781241	5055781240	5055781221	5055781220	5055781261	5055781260	12
5055781141	5055781140	5055781121	5055781120	5055781161	5055781160	11
5055781041	5055781040	5055781021	5055781020	5055781061	5055781060	10
5055780941	5055780940	5055780921	5055780920	5055780961	5055780960	9
5055780841	5055780840	5055780821	5055780820	5055780861	5055780860	8
5055780741	5055780740	5055780721	5055780720	5055780761	5055780760	7
5055780641	5055780640	5055780621	5055780620	5055780661	5055780660	6
5055780541	5055780540	5055780521	5055780520	5055780561	5055780560	5
5055780441	5055780440	5055780421	5055780420	5055780461	5055780460	4
5055780341	5055780340	5055780321	5055780320	5055780361	5055780360	3
5055780241	5055780240	5055780221	5055780220	5055780261	5055780260	2

発注番号：ORDER NUMBER

梱包形態：エンボステープ、リール
PACKAGING : EMBOSSED TAPE AND REEL

極数
CIRCUIT SIZE

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0 PLACES	±	0.2

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GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780002-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	505578

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/04 04:04:02

FORMAT: master-llb-prod-A3
REVISION: J1
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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

459705185 759001161 0436802002 152660117 190990009 447691602 5046940301 151670255
417920538 444280402 447641402 447642001 151660057 152670269 190730231 398800403 430451220
152670251 397730002 760475001 190670071 190690096 430450225 0190700155 152670357
436803002 0436400901 0190690033 190990010 439151216