

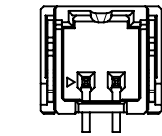
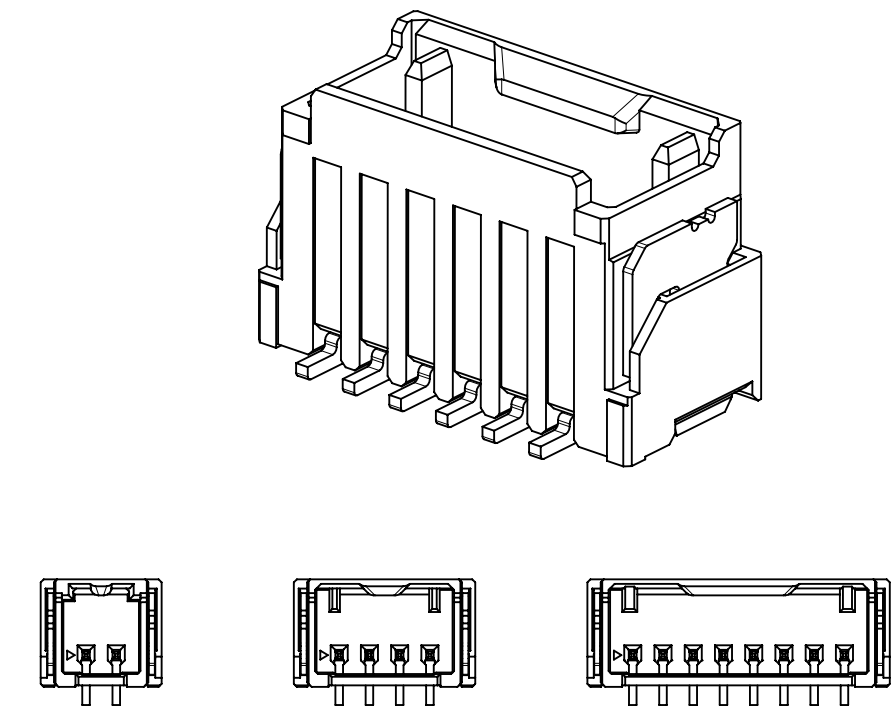
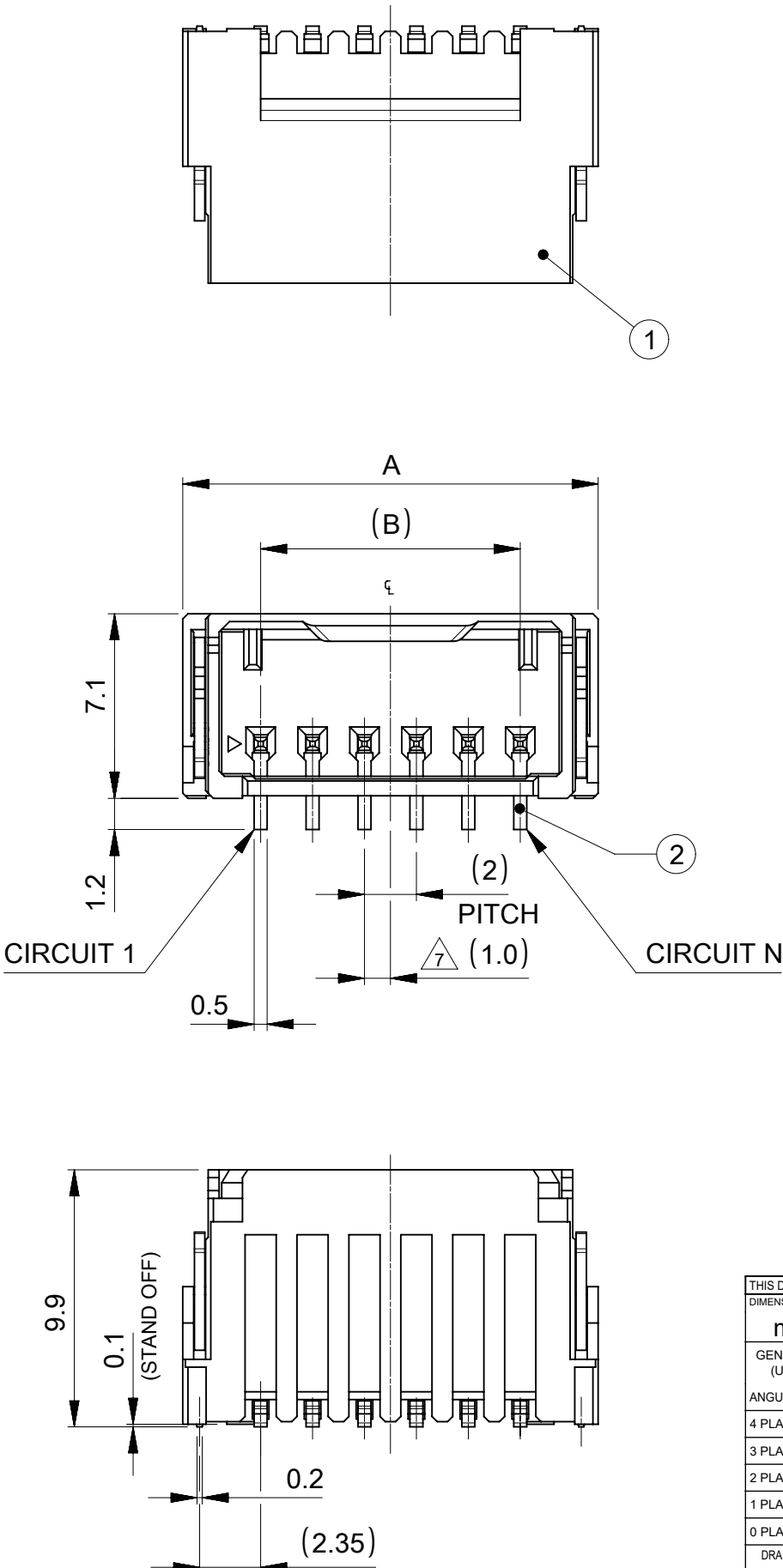
NOTES

- △1 材料及び仕上げ(めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書 : 2059790000-PS 000
PRODUCT SPECIFICATION:2059790000-PS 000
3. 梱包形態 : SHEET 4 参照
PACKAGING INFORMATION : SEE SHEET 4
- △4 嵌合相手 : 205979(ISLタイプ),212724(TPAタイプ) シリーズ
MATES WITH:205979(ISL TYPE),212724(TPA TYPE) SERIES
5. アプリケーション仕様書
(コネクタ取扱い説明書) : 2059790000-AS 000
APPLICATION SPECIFICATION
(CONNECTOR MANUAL):2059790000-AS 000
6. 端子テール部及びネイルの平坦度:0.1 MAX
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX
- △7 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
8. 端子テール部及びネイルに錫ビスマスめっきを使用している為、
外観に摺動痕が付く場合があります。
THE WOUND OF FRICTION MIGHT ADHERE TO
EXTERNALS BECAUSE THE TIN BISMUTH PLATING IS
USED FOR THE TAIL AND NAIL.
- 9.本製品のプラスチック部に黒点・白点等が確認される場合や
色合いが異なる場合がありますが、製品性能に影響はありません。
THERE IS NO INFLUENCE IN THE PRODUCT
PERFORMANCE THOUGH THE BLACK AND WHITE SPOT ETC.
MIGHT BE CONFIRMED TO THE PLASTIC PART OF
THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.

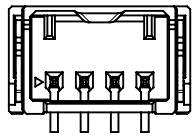
△1

TABLE 1

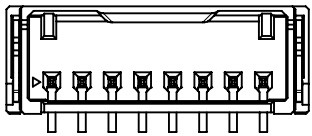
番号 No.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド(PA), UL94V-0, 色 : SEE CHART POLYAMIDE(PA), UL94V-0, COLOR : SEE CHART
②	ターミナル TERMINAL	黄銅 BRASS
		錫ビスマスめっき : 1.0 micro-meter MIN TIN BISMUTH PLATING(TAIL AREA,CONTACT AREA)
		ニッケルめっき(下地): 1.0 micro-meter MIN NICKEL(UNDER PLATING)
③	ネイル NAIL	黄銅 BRASS
		錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING
		ニッケルめっき(下地): 1.0 micro-meter MIN NICKEL(UNDER PLATING)



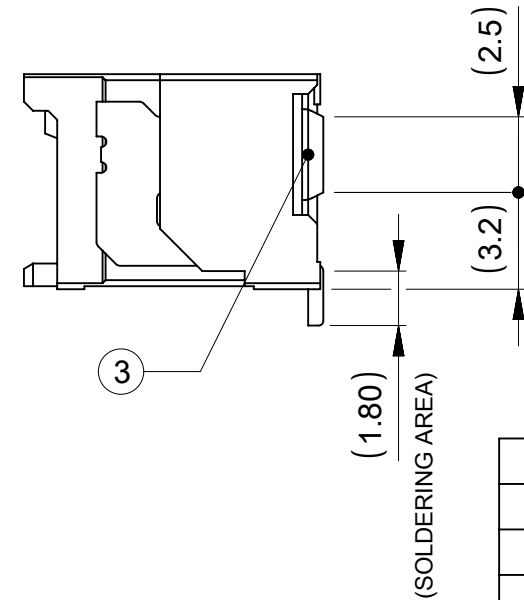
VIEW OF
2-3 CIRCUIT



VIEW OF
4-6 CIRCUIT



VIEW OF
7-8 CIRCUIT



14	20	8
12	18	7
10	16	6
8	14	5
6	12	4
4	10	3
2	8	2
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
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: 760111
DRWN: KYAMADA02
CHK'D: AIDA
APPR: SAKIYAMA

2023/08/24
2023/09/05
2023/09/05

INITIAL REVISION:
DRWN: TGREGORI
APPR: SAKIYAMA

2018/02/16
2020/07/10

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
205971

molex

MICRO-ONE 2.0W/B
HEAD ASSEMBLY VERTICAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
2059710000-SD

DOC TYPE
PSD

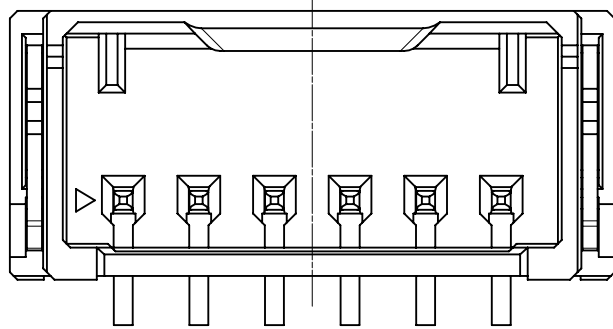
DOC PART
000

REVISION
C

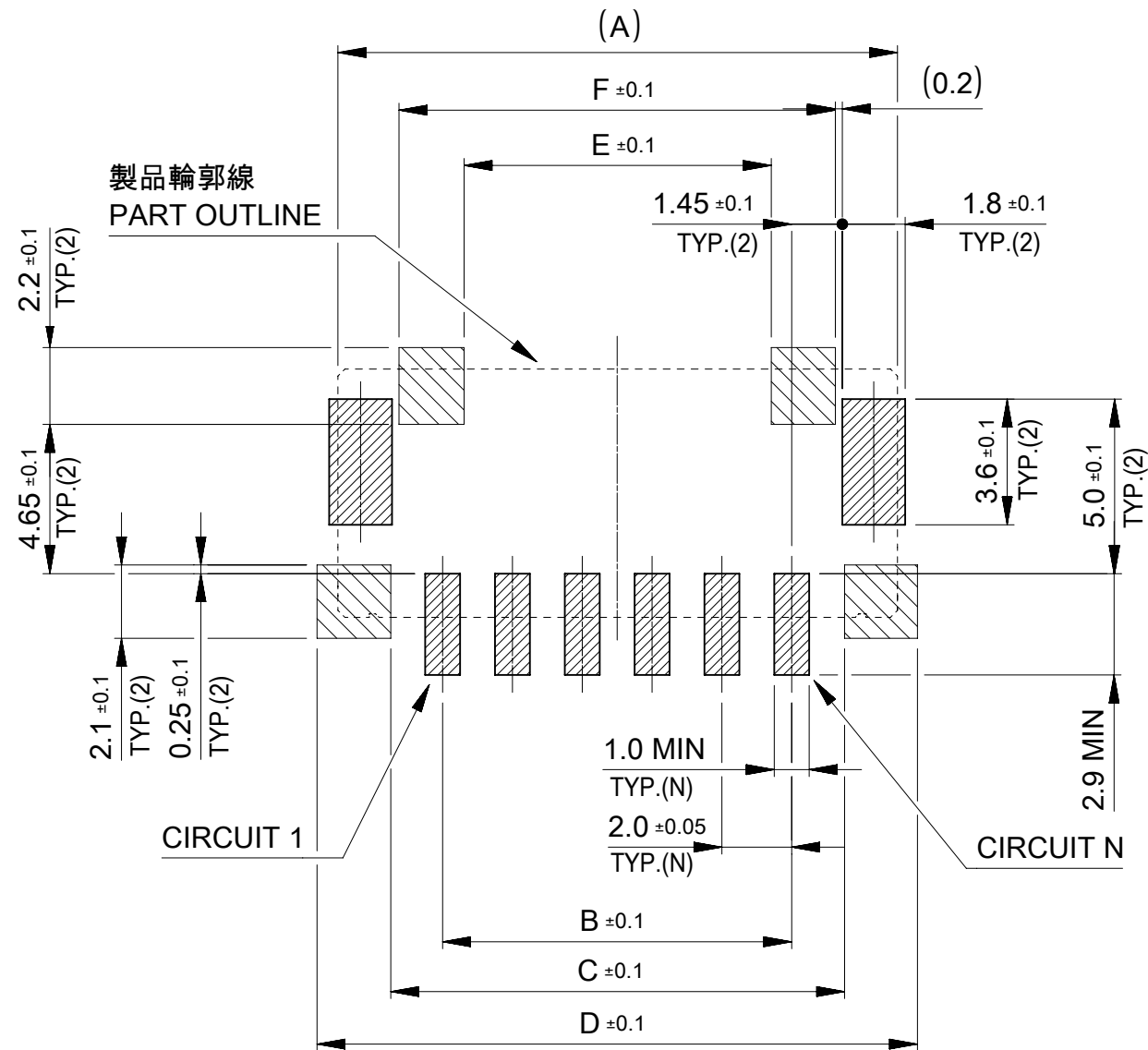
MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL

SHEET NUMBER
1 OF 5



製品レイアウト
PRODUCT LAYOUT

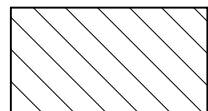


推奨基板レイアウト:実装面側

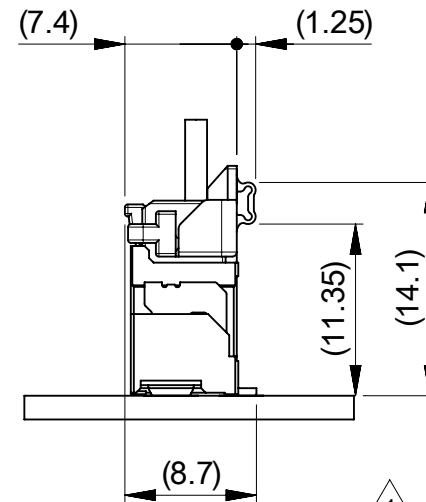
(参考 : 基板厚1.6mm, メタルマスク厚0.15mm, マスク開口率100%)

SUGGESTED PCB LAYOUT : COMPONENT SIDE

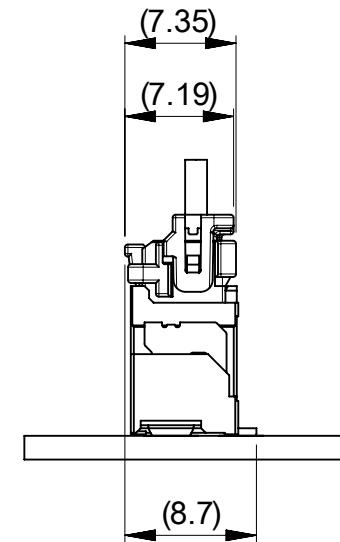
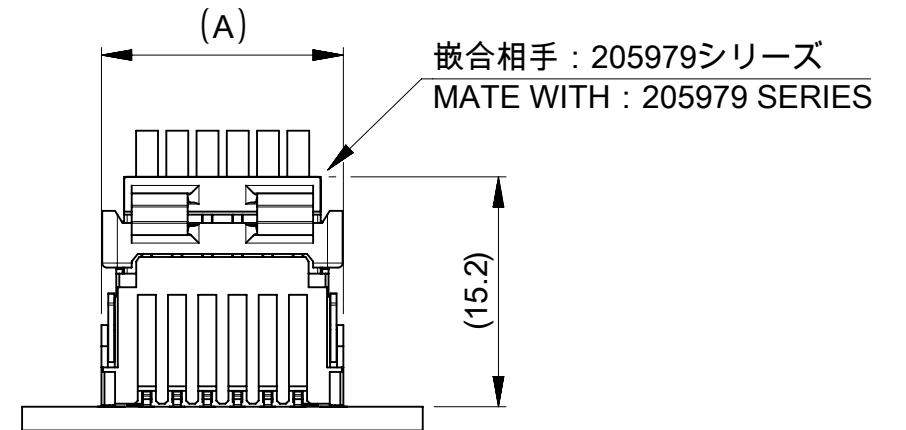
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm,
APERTURE RATIO 100%)



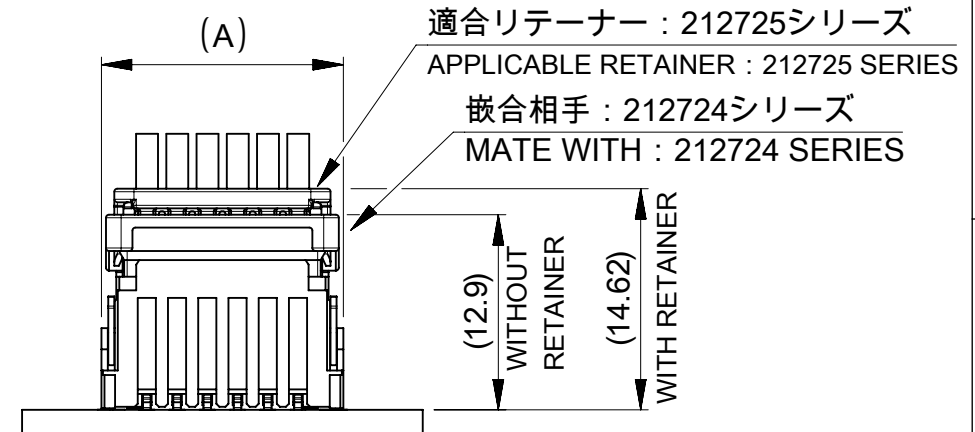
:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED



△ ISLタイプ嵌合図
MATED CONNECTOR OF ISL TYPE



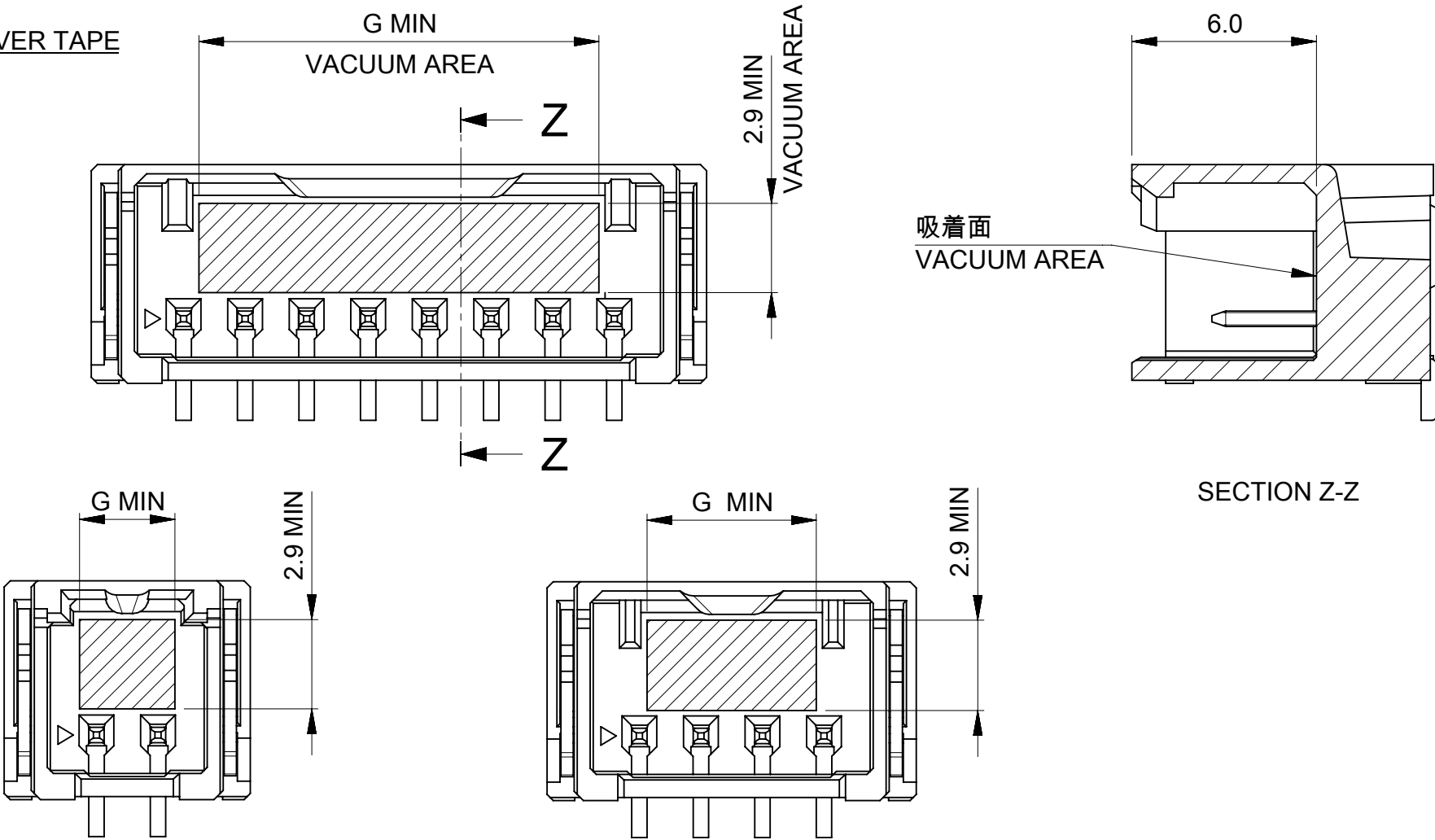
△ TPAタイプ嵌合図
MATED CONNECTOR OF TPA TYPE



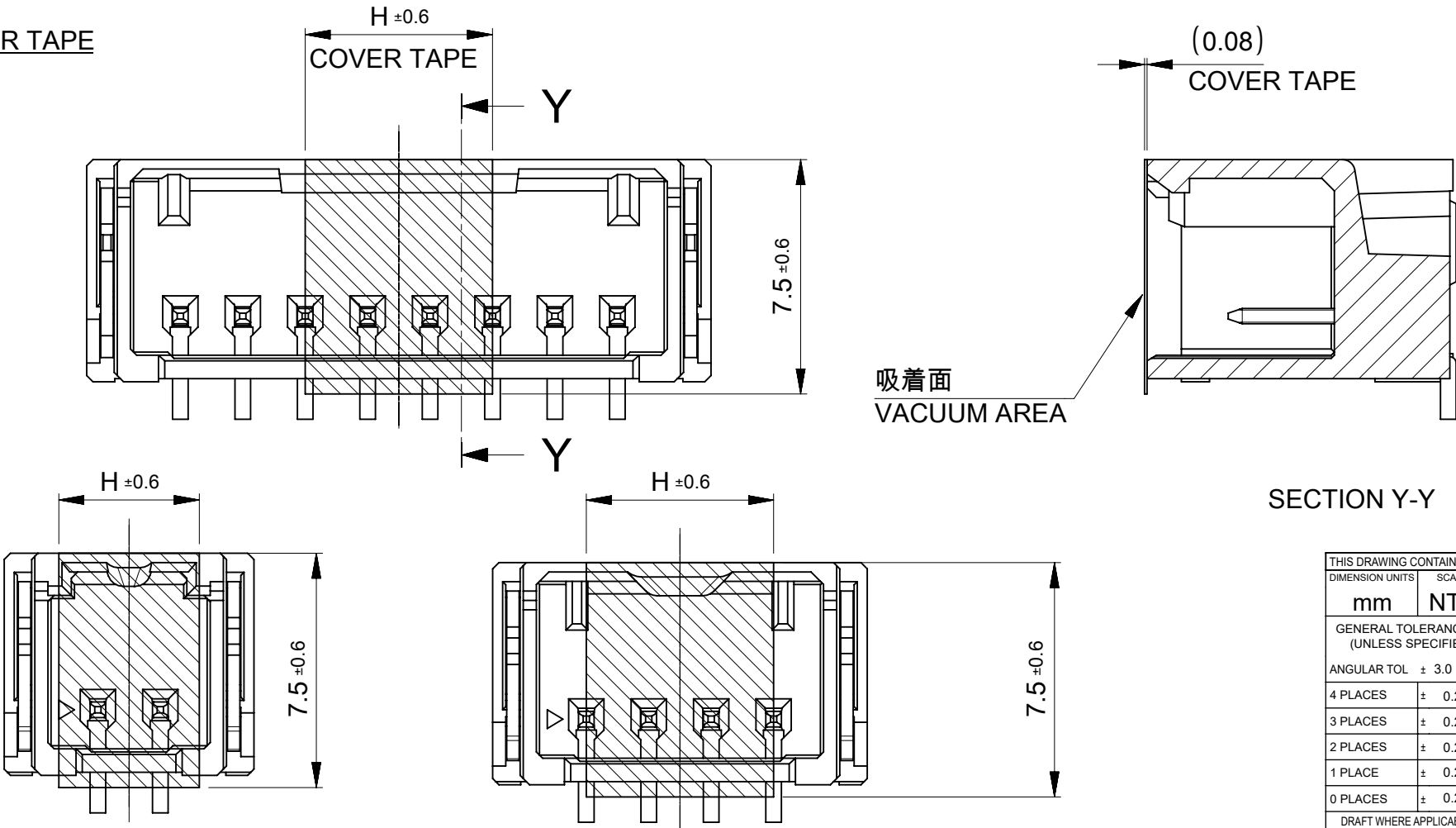
16.5	13.6	21.2	17.0	8
14.5	11.6	19.2	15.0	7
12.5	9.6	17.2	13.0	6
10.5	7.6	15.2	11.0	5
8.5	5.6	13.2	9.0	4
6.5	3.6	11.2	7.0	3
4.5	1.6	9.2	5.0	2
F	E	D	C	極数 CIRCUIT SIZE

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 MICRO-ONE 2.0W/B HEAD ASSEMBLY VERTICAL PRODUCT CUSTOMER DRAWING					
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± 3.0 °		EC NO: 760111		2023/08/24					
4 PLACES		± 0.2		DRWN: KYAMADA02							
3 PLACES		± 0.2		CHK'D: AIDA							
2 PLACES		± 0.2		APPR: SAKIYAMA		2023/09/05					
1 PLACE		± 0.2		INITIAL REVISION:		2018/02/16					
0 PLACES		± 0.2		DRWN: TKGREGORI							
				APPR: SAKIYAMA							
				2020/07/10		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
						2059710000-SD		PSD	000	C	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				A3-SIZE		205971		SEE TABLE		GENERAL	2 OF 5

CASE OF WITHOUT COVER TAPE



CASE OF WITH COVER TAPE



8.0	13.0	8
	11.0	7
	9.5	6
	7.5	5
6.0	5.5	4
	4.4	3
4.5	3.1	2
H	G	極数 CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS	SCALE	EC NO: 760111			
mm	NTS	DRWN: KYAMADA02		MICRO-ONE 2.0W/B HEAD ASSEMBLY VERTICAL	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: AIDA		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL ± 3.0 °		APPR: SAKIYAMA		DOCUMENT NUMBER	
4 PLACES ± 0.2	INITIAL REVISION:		2059710000-SD		
3 PLACES ± 0.2	DRWN: TGREGORI		PSD		
2 PLACES ± 0.2	APPR: SAKIYAMA		000		
1 PLACE ± 0.2	THIRD ANGLE PROJECTION		C		
0 PLACES ± 0.2	DRAWING		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES		3 OF 5	
		A3-SIZE		205971	
		MATERIAL NUMBER		GENERAL	
		CUSTOMER			

△14

製品一覧

PRODUCT LIST

WITH COVER TAPE		WITHOUT COVER TAPE		
HOUSING COLOR BLACK	HOUSING COLOR NATURAL(BEIGE)	HOUSING COLOR BLACK	HOUSING COLOR NATURAL(BEIGE)	
2059710083	2059710082	2059710081	2059710080	8
↑0073	↑0072	↑0071	↑0070	7
0063	0062	0061	0060	6
0053	0052	0051	0050	5
0043	0042	0041	0040	4
↓0033	↓0032	↓0031	↓0030	3
2059710023	2059710022	2059710021	2059710020	2
発注番号 ORDER No.				極数
PACKAGING STYLE : EMBOSSED TAPE AND REEL				CIRCUIT SIZE

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: 760111

DRWN: KYAMADA02

CHK'D: AIDA

APPR: SAKIYAMA

2023/08/24

2023/09/05

2023/09/05

INITIAL REVISION:

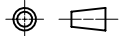
DRWN: TGREGORI

APPR: SAKIYAMA

2018/02/16

2020/07/10

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

205971

DOCUMENT NUMBER

2059710000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

C

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL

SHEET NUMBER

5 OF 5

molex

MICRO-ONE 2.0W/B
HEAD ASSEMBLY VERTICAL

PRODUCT CUSTOMER DRAWING