

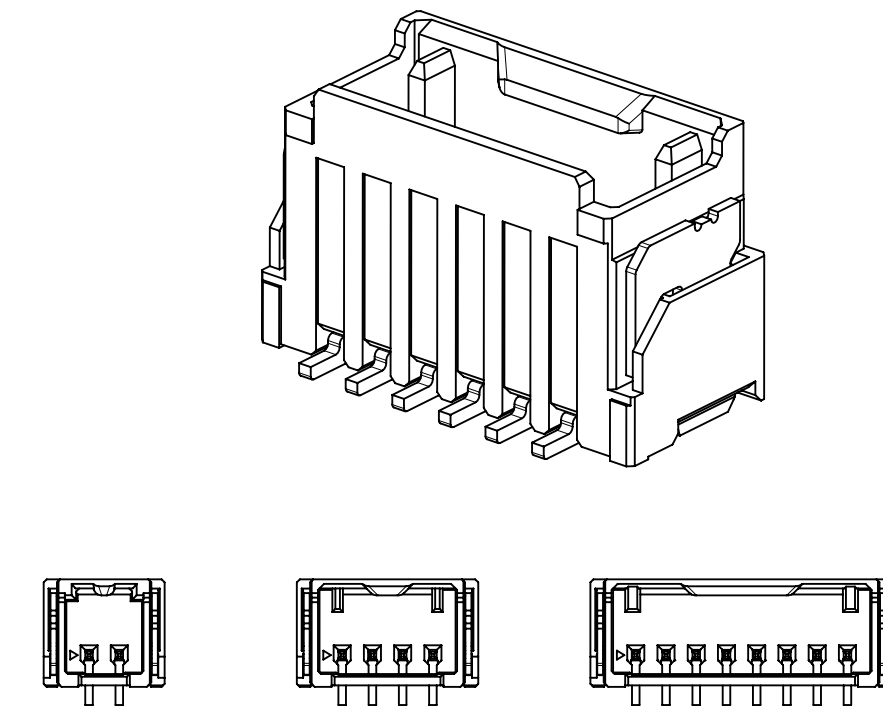
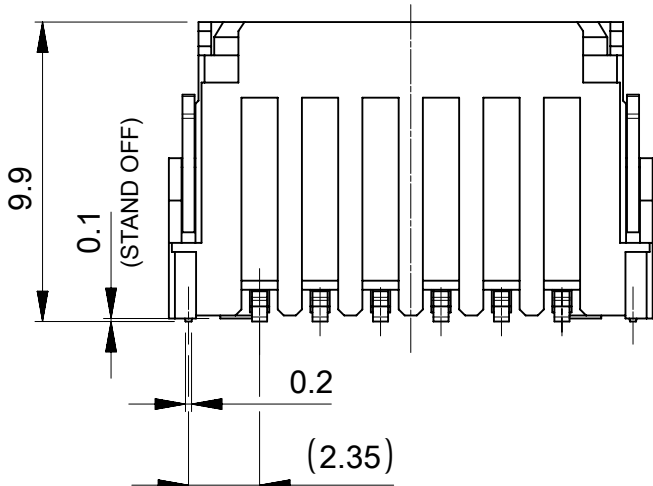
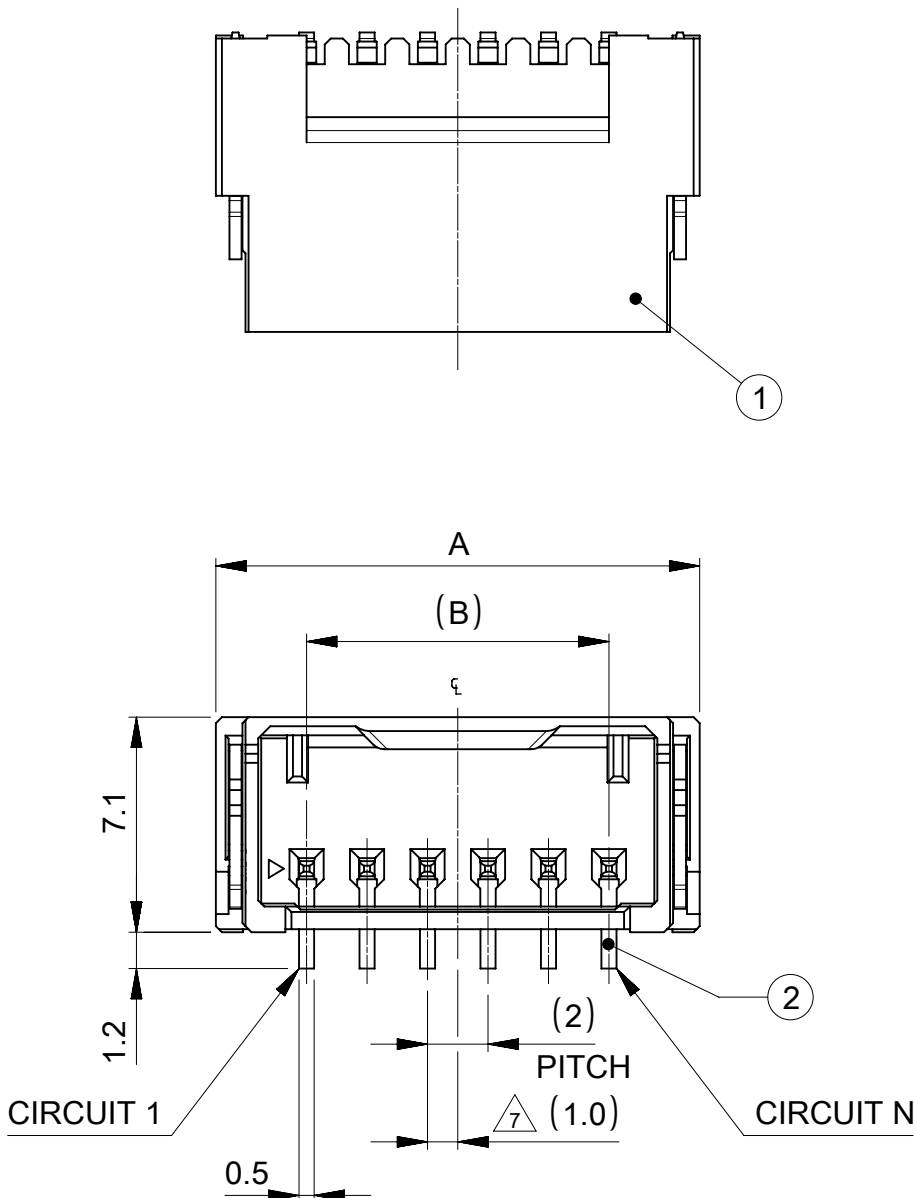
NOTES

- △ 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
- △ 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
- △ 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)

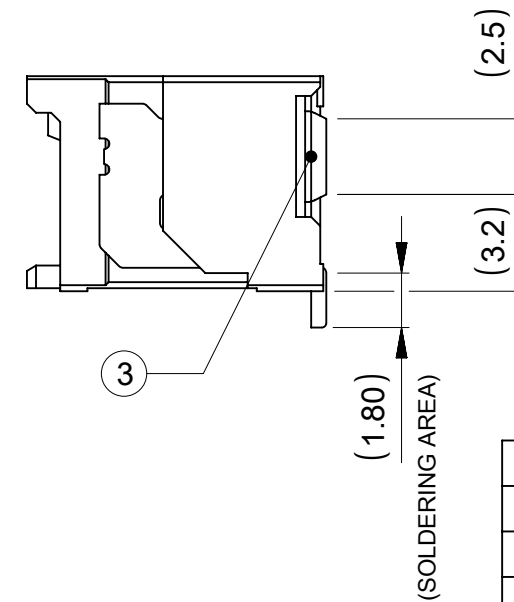
DOCUMENT STATUS	P1	RELEASE DATE	2025/09/22	11:13:45
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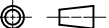
VIEW OF
2-3 CIRCUIT

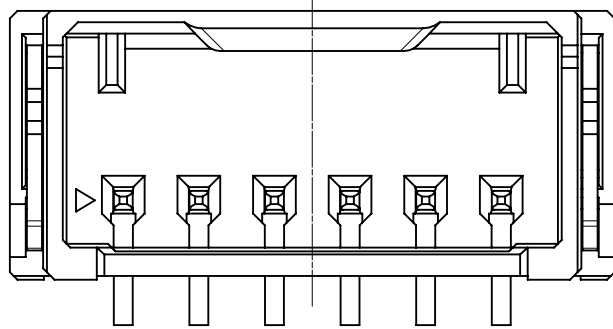
VIEW OF
4-6 CIRCUIT

VIEW OF
7-8 CIRCUIT

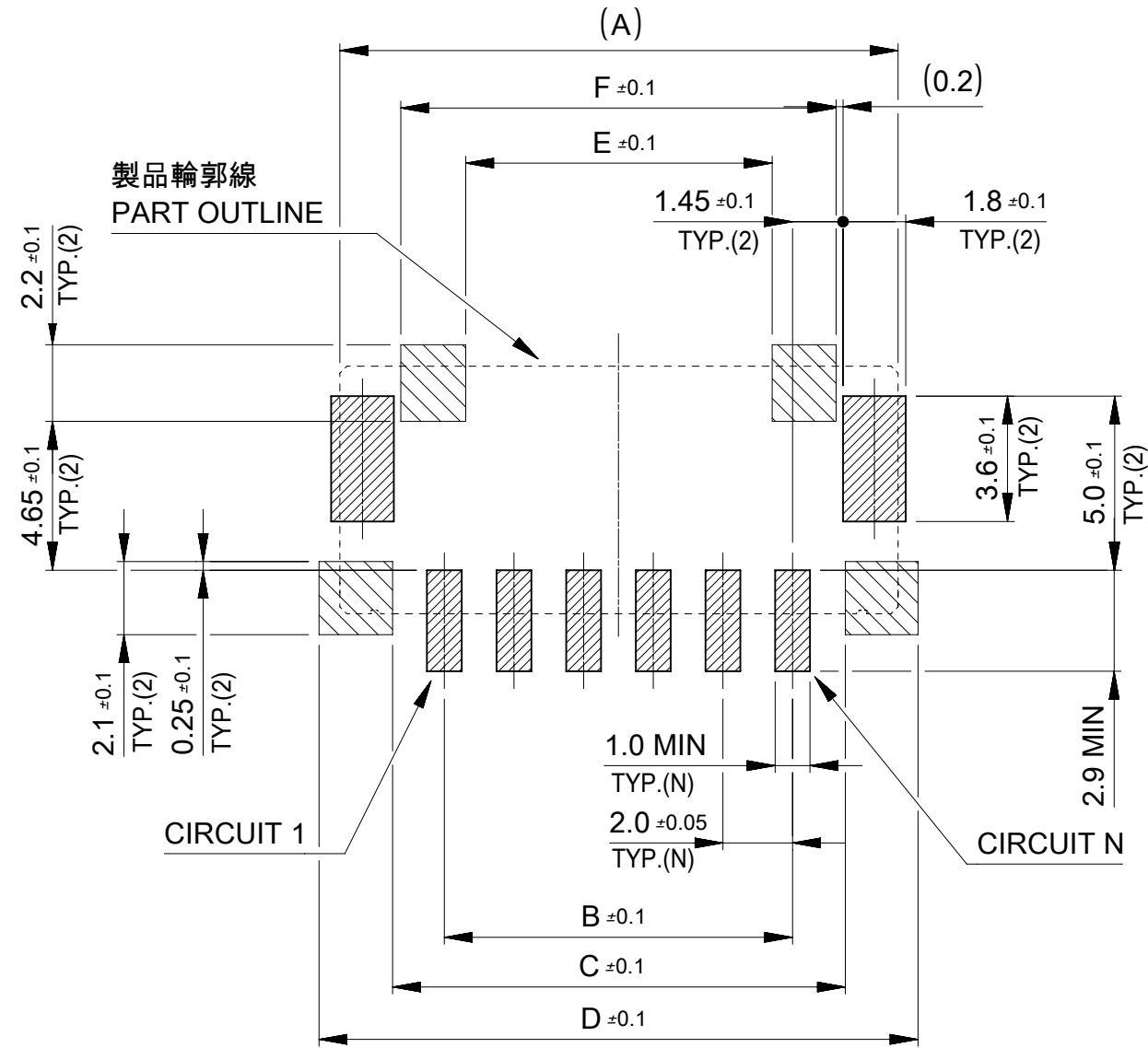


14	20	8
12	18	7
10	16	6
8	14	5
6	12	4
4	10	3
2	8	2
B	A	極数 CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#517153				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 834848 DRWN: PONNAM 2025/08/29 CHK'D: GGA 2025/09/22 APPR: GGA 2025/09/22				MICRO-ONE 2.0W/B HEAD ASSEMBLY VERTICAL			
ANGULAR TOL. ± 3.0 °															
4 PLACES		± 0.2		PRODUCT CUSTOMER DRAWING											
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2													
0 PLACES		± 0.2		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRWN: TGREGORI APPR: SAKIYAMA				2018/02/16 2020/07/10		2059710000-SD				PSD		000		C1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		205971		SEE TABLE		GENERAL		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

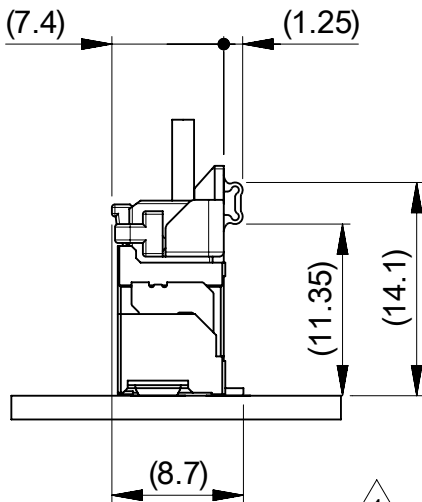
(参考 : 基板厚1.6mm, メタルマスク厚0.15mm, マスク開口率100%)

SUGGESTED PCB LAYOUT : COMPONENT SIDE

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

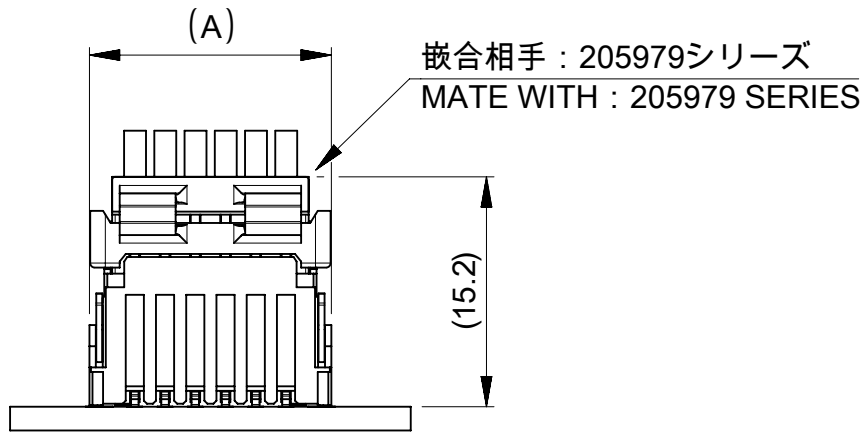


:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED

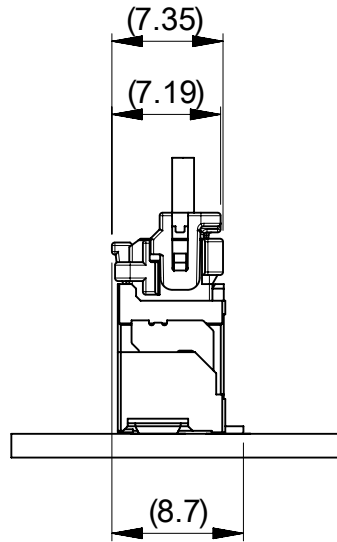


△ ISLタイプ嵌合図

MATED CONNECTOR OF ISL TYPE

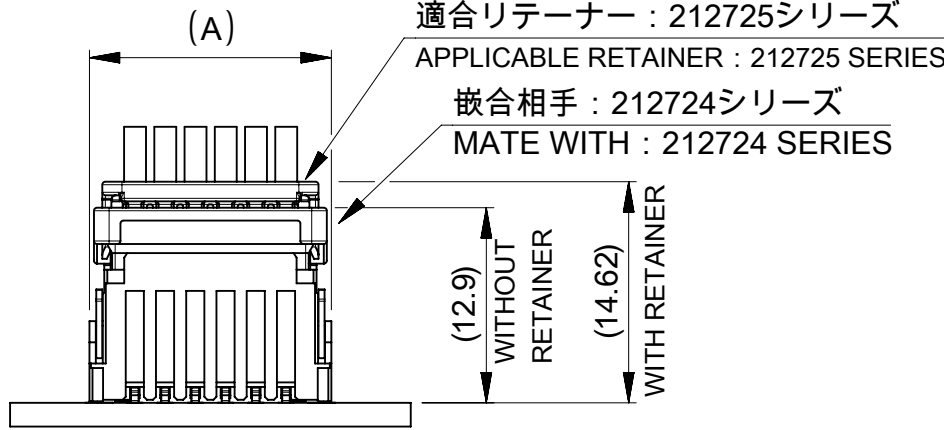


嵌合相手 : 205979シリーズ
MATE WITH : 205979 SERIES



△ TPAタイプ嵌合図

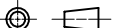
MATED CONNECTOR OF TPA TYPE



適合リテーナー : 212725シリーズ
APPLICABLE RETAINER : 212725 SERIES

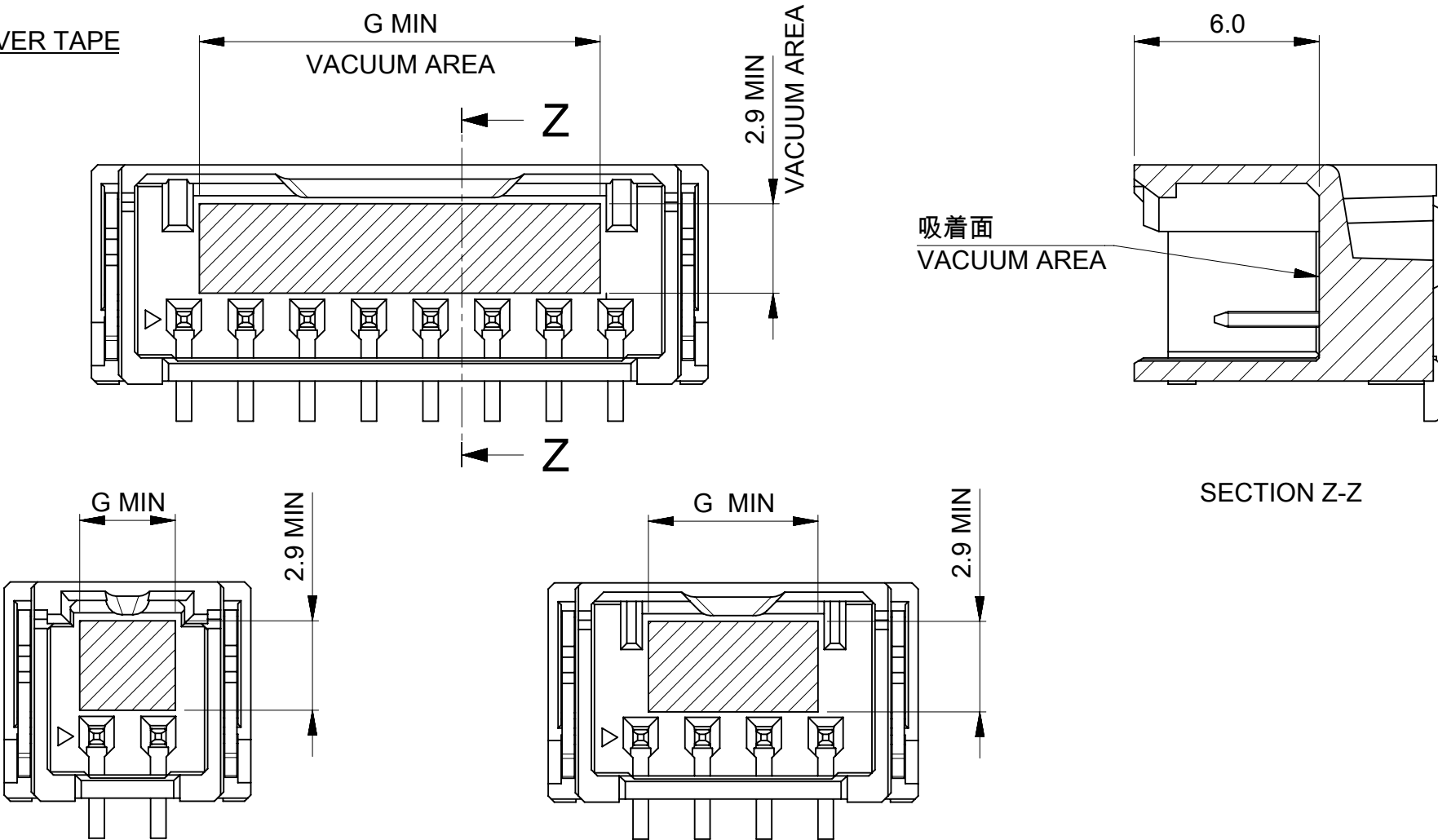
嵌合相手 : 212724シリーズ
MATE WITH : 212724 SERIES

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

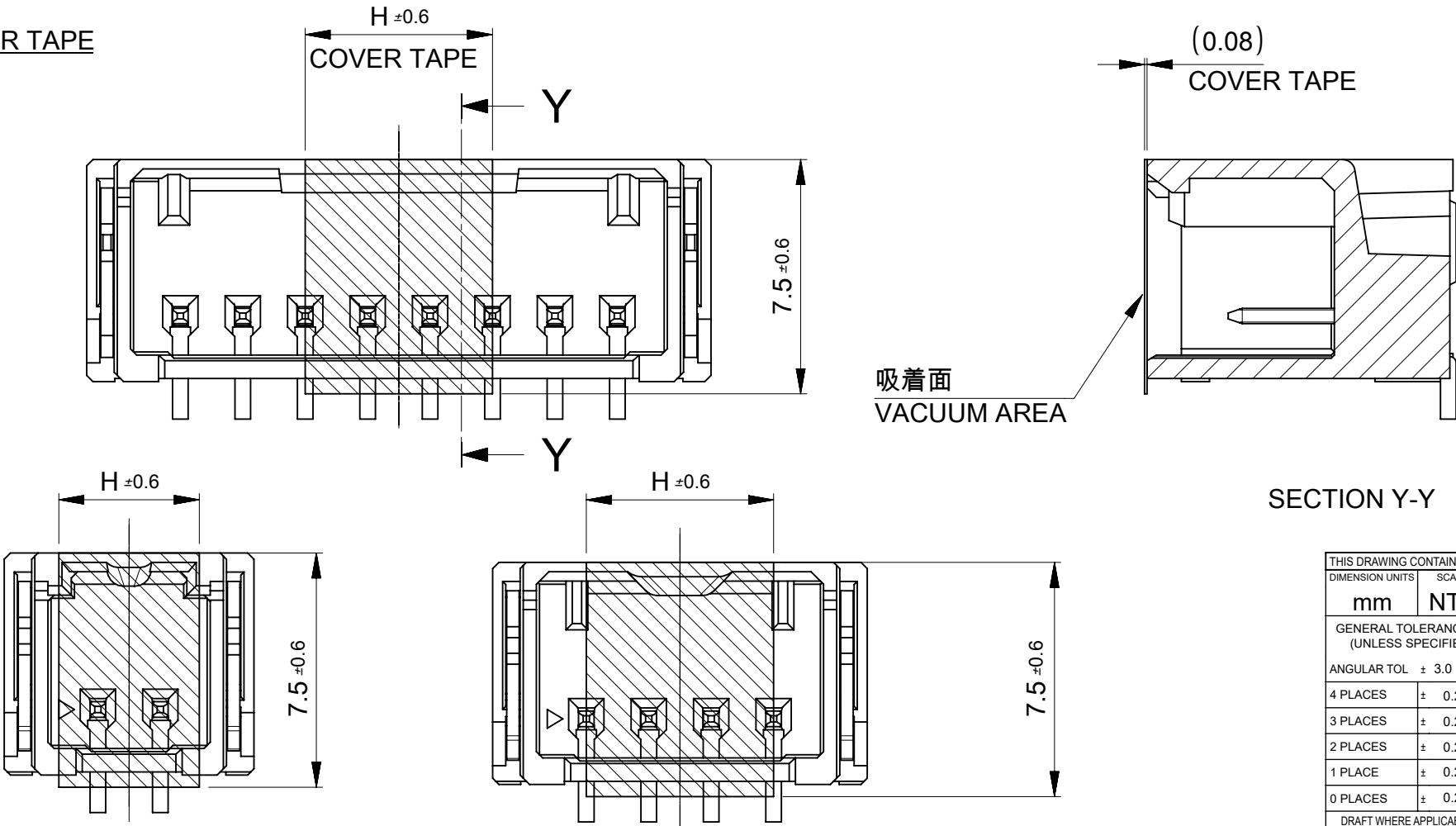
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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#517153			molex MICRO-ONE 2.0W/B HEAD ASSEMBLY VERTICAL					
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 3.0 °							PRODUCT CUSTOMER DRAWING					
4 PLACES		± 0.2										
3 PLACES		± 0.2										
2 PLACES		± 0.2										
1 PLACE		± 0.2										
0 PLACES		± 0.2					DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
EC NO: 834848				DRWN: PONNAM			2025/08/29					
CHK'D: GGA				2025/09/22			2059710000-SD					
APPR: GGA				2025/09/22								
INITIAL REVISION:				DOC NUMBER								
DRWN: TGREGORI				2018/02/10			PSD					
APPR: SAKIYAMA				2020/07/16			000					
C1												
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

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/22	11:13:45
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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

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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 OBSOLETE PART NUMBER AS PER PCN#517153

EC NO: 834848
DRWN: PONNAM
CHK'D: GGA
APPR: GGA

INITIAL REVISION:
DRWN: TGREGORI
APPR: SAKIYAMA

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
205971

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL

SHEET NUMBER
3 OF 5

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#517153

2025/08/29
2025/09/22
2025/09/22

2018/02/16
2020/07/10

DOCUMENT NUMBER
2059710000-SD

DOC TYPE
PSD

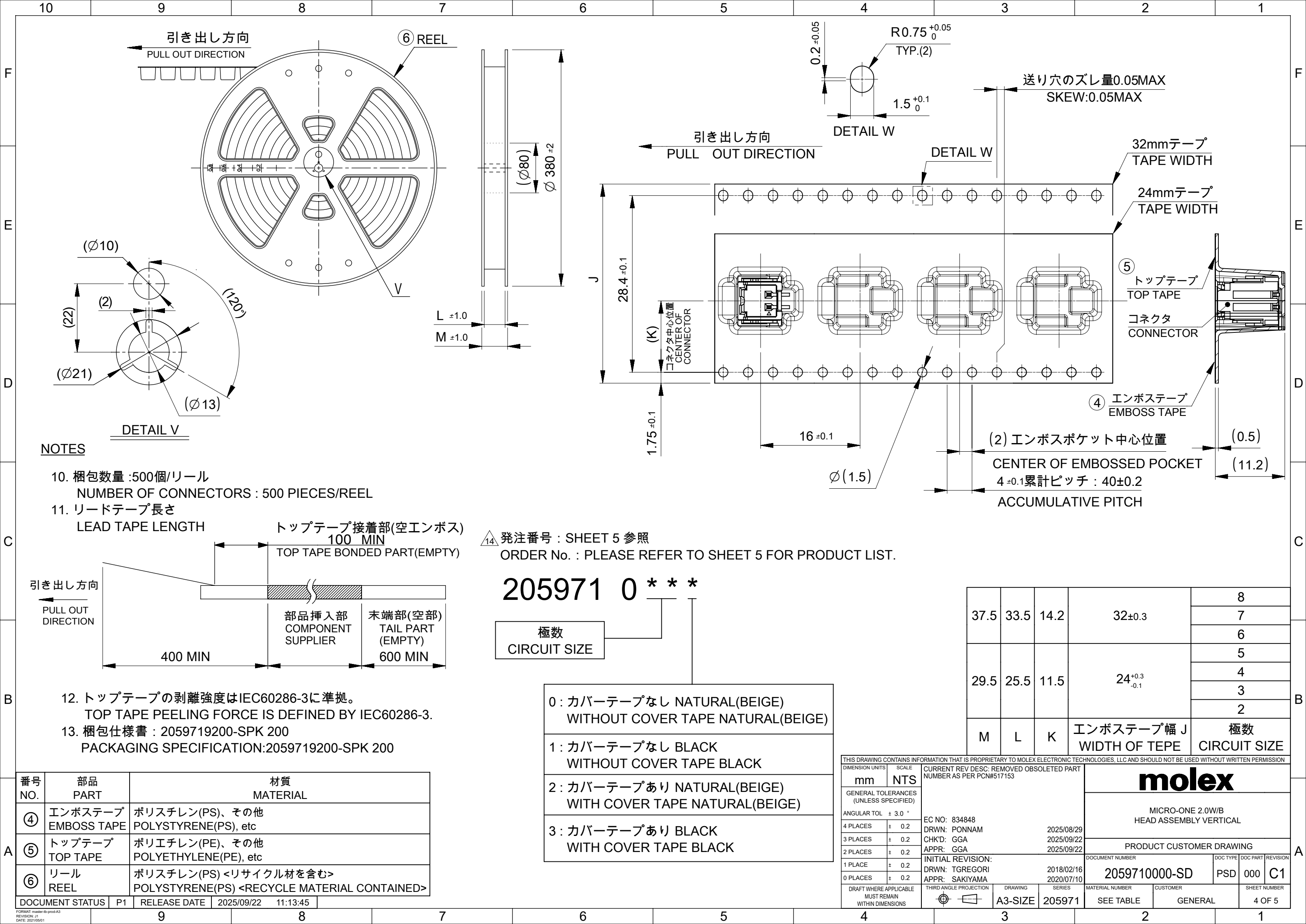
DOC PART
000

REVISION
C1

molex

MICRO-ONE 2.0W/B
HEAD ASSEMBLY VERTICAL

PRODUCT CUSTOMER DRAWING



△

14

製品一覧

PRODUCT LIST

WITH COVER TAPE	WITHOUT COVER TAPE	
HOUSING COLOR BLACK	HOUSING COLOR BLACK	
2059710083	2059710081	8
↑ 0073	↑ 0071	7
0063	0061	6
0053	0051	5
0043	0041	4
↓ 0033	↓ 0031	3
2059710023	2059710021	2
発注番号 ORDER No.		極数
PACKAGING STYLE : EMBOSSED TAPE AND REEL		CIRCUIT SIZE

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#517153				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0 °											
4 PLACES		± 0.2						EC NO: 834848			
3 PLACES		± 0.2		DRWN: PONNAM							