

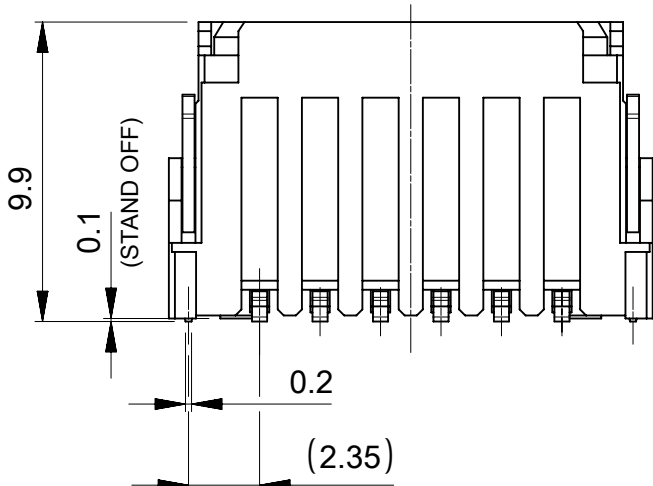
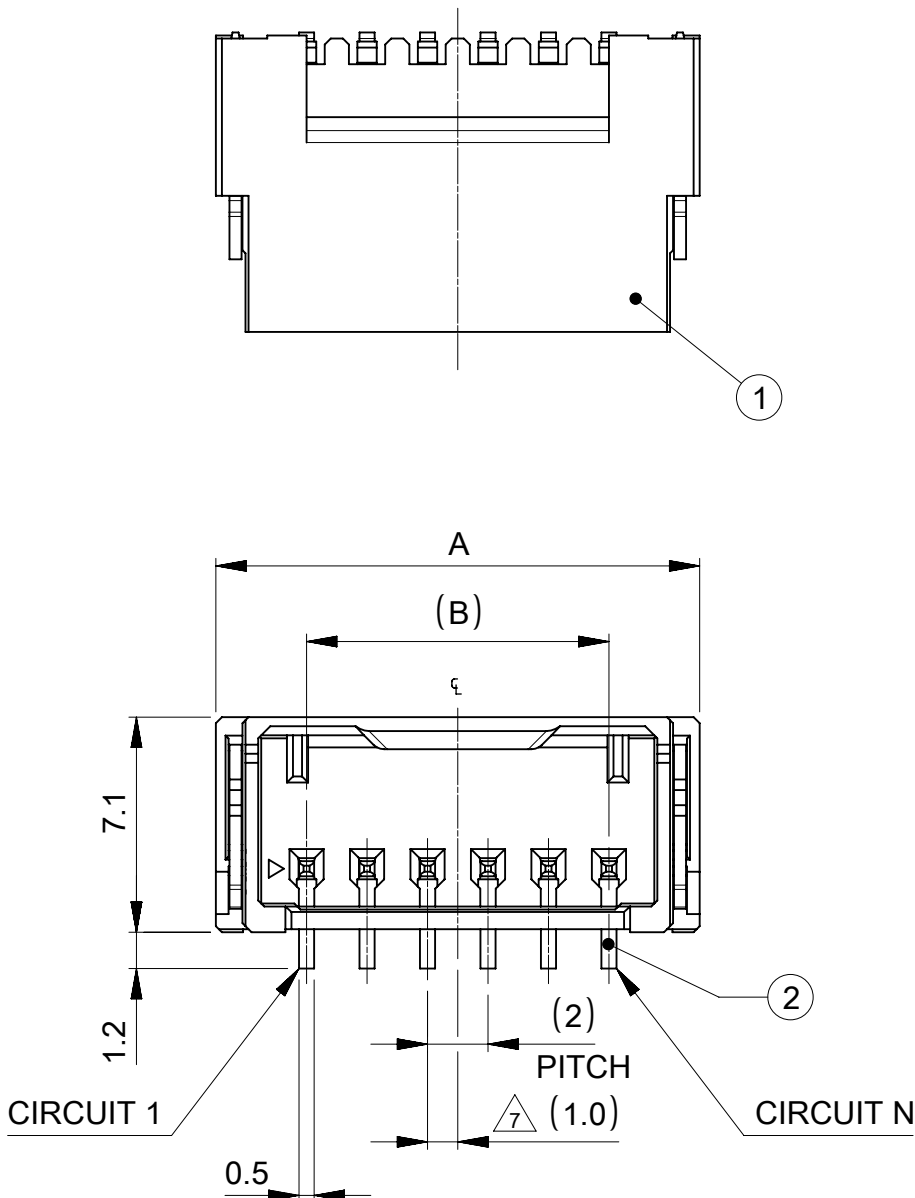
NOTES

- △ 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)

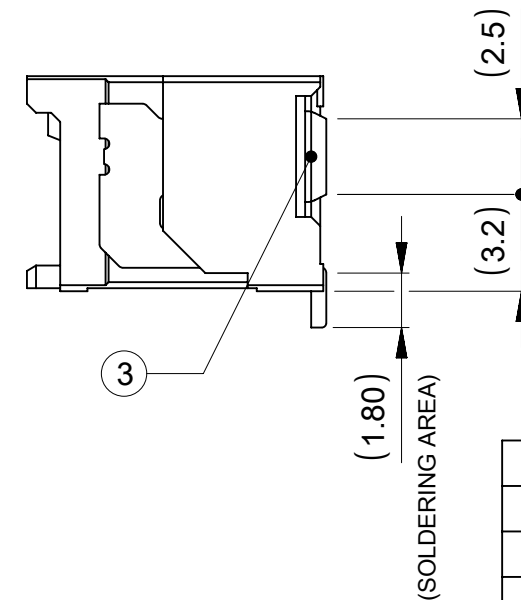
DOCUMENT STATUS	P1	RELEASE DATE	2025/09/22	11:13:45
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VIEW OF
2-3 CIRCUIT

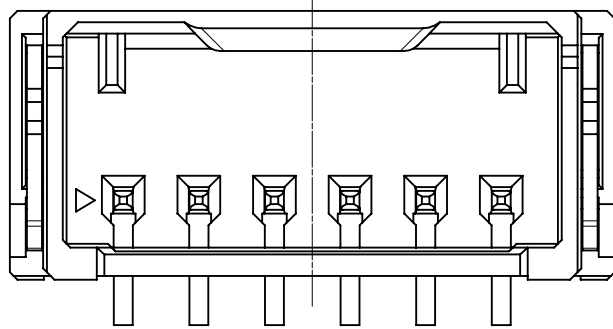
VIEW OF
4-6 CIRCUIT

VIEW OF
7-8 CIRCUIT

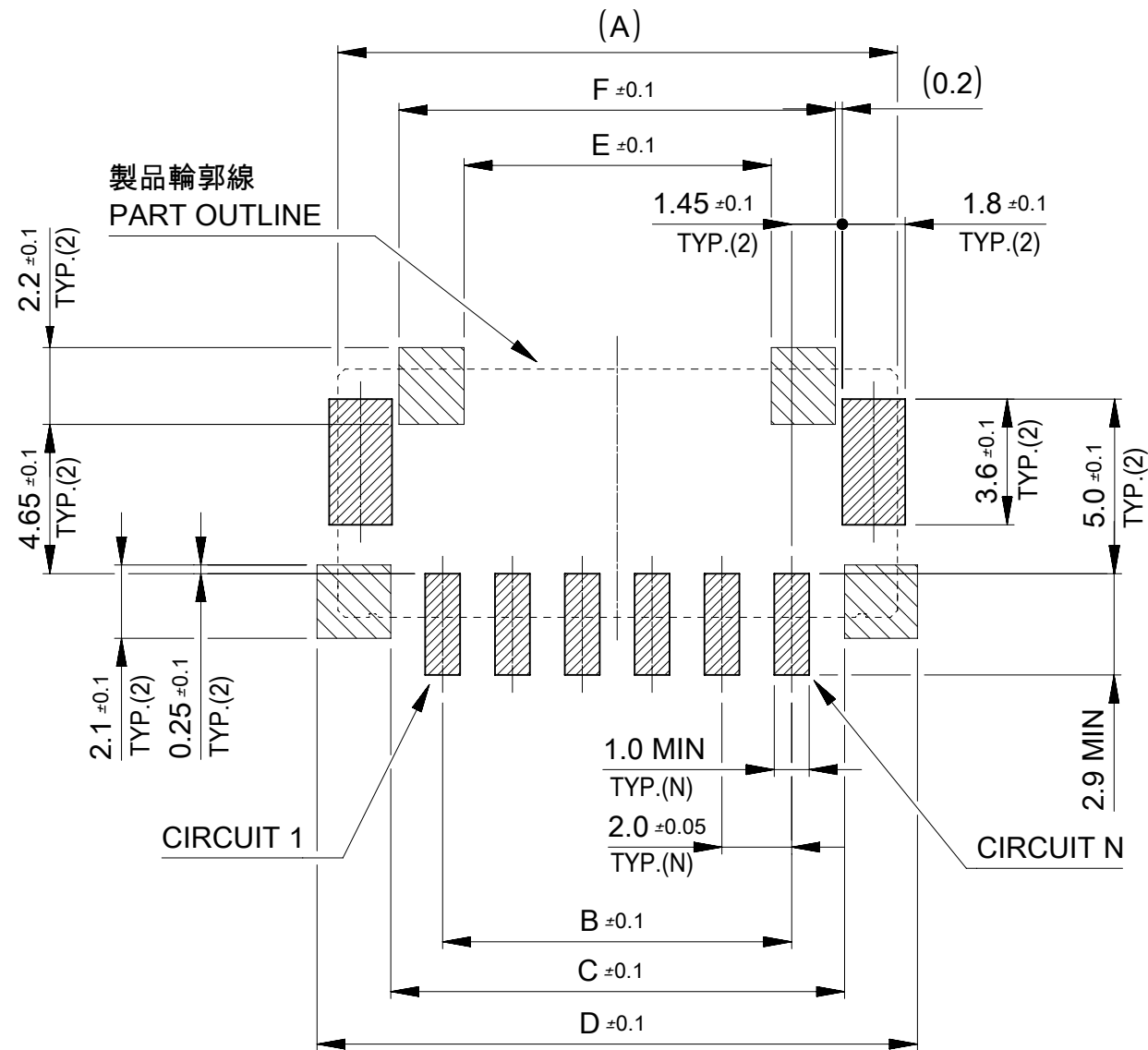


14	20	8
12	18	7
10	16	6
8	14	5
6	12	4
4	10	3
2	8	2
B	A	極数 CIRCUIT SIZE

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 CHK'D: GGA APPR: GGA						2025/08/29	
ANGULAR TOL ± 3.0 °				2025/08/29		2025/09/22		2025/09/22	
4 PLACES ± 0.2				2025/08/29		2025/09/22		2025/09/22	
3 PLACES ± 0.2				2025/08/29		2025/09/22		2025/09/22	
2 PLACES ± 0.2		2025/08/29		2025/09/22		2025/09/22		2025/09/22	
1 PLACE ± 0.2		2025/08/29		2025/09/22		2025/09/22		2025/09/22	
0 PLACES ± 0.2		2025/08/29		2025/09/22		2025/09/22		2025/09/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		205971	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL		1 OF 5	



製品レイアウト
PRODUCT LAYOUT

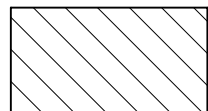


推奨基板レイアウト:実装面側

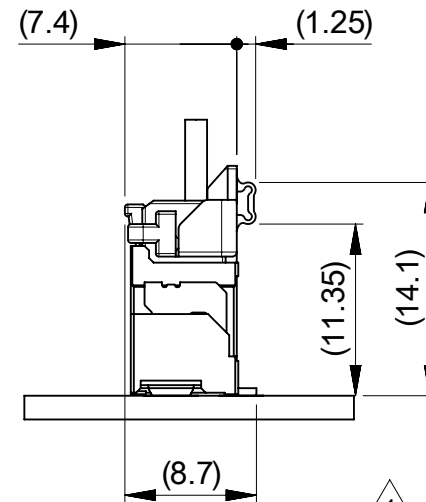
(参考 : 基板厚1.6mm, メタルマスク厚0.15mm, マスク開口率100%)

SUGGESTED PCB LAYOUT : COMPONENT SIDE

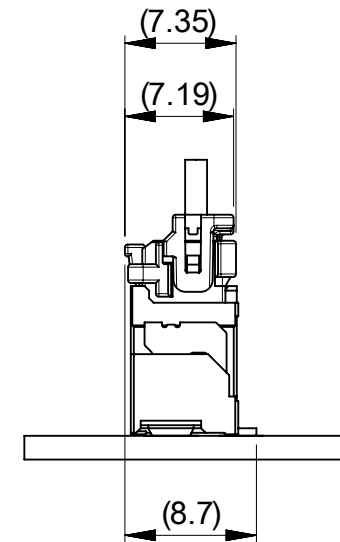
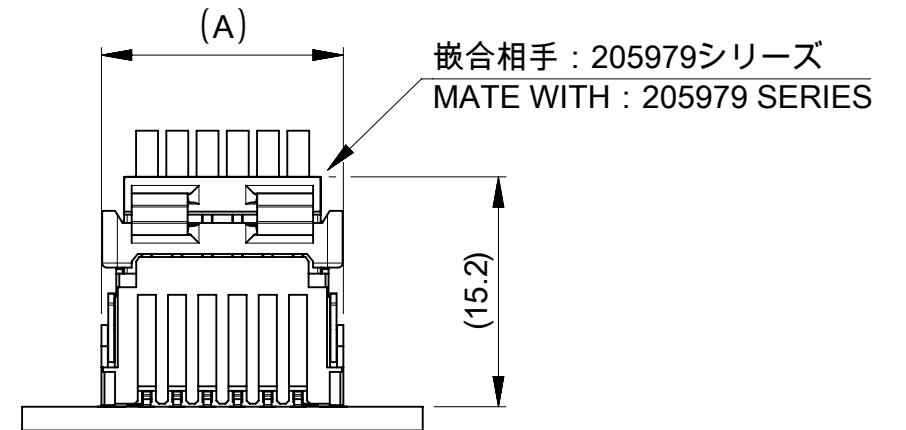
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)



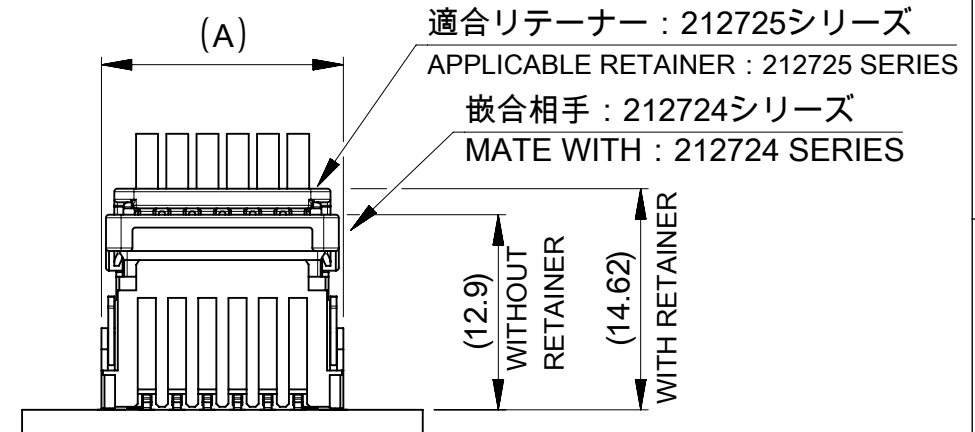
:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED



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



△ 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: REMOVED OBSOLETE PART NUMBER AS PER PCN#517153				molex MICRO-ONE 2.0W/B HEAD ASSEMBLY VERTICAL							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
2 PLACES		± 0.2													
1 PLACE		± 0.2													
0 PLACES		± 0.2		2059710000-SD		PSD		000		C1					
EC NO: 834848 DRWN: PONNAM 2025/08/29 CHK'D: GGA 2025/09/22 APPR: GGA 2025/09/22															
INITIAL REVISION: DRWN: TKGREGORI 2018/02/16 APPR: SAKIYAMA 2020/07/10				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		205971		SEE TABLE		GENERAL		2 OF 5	

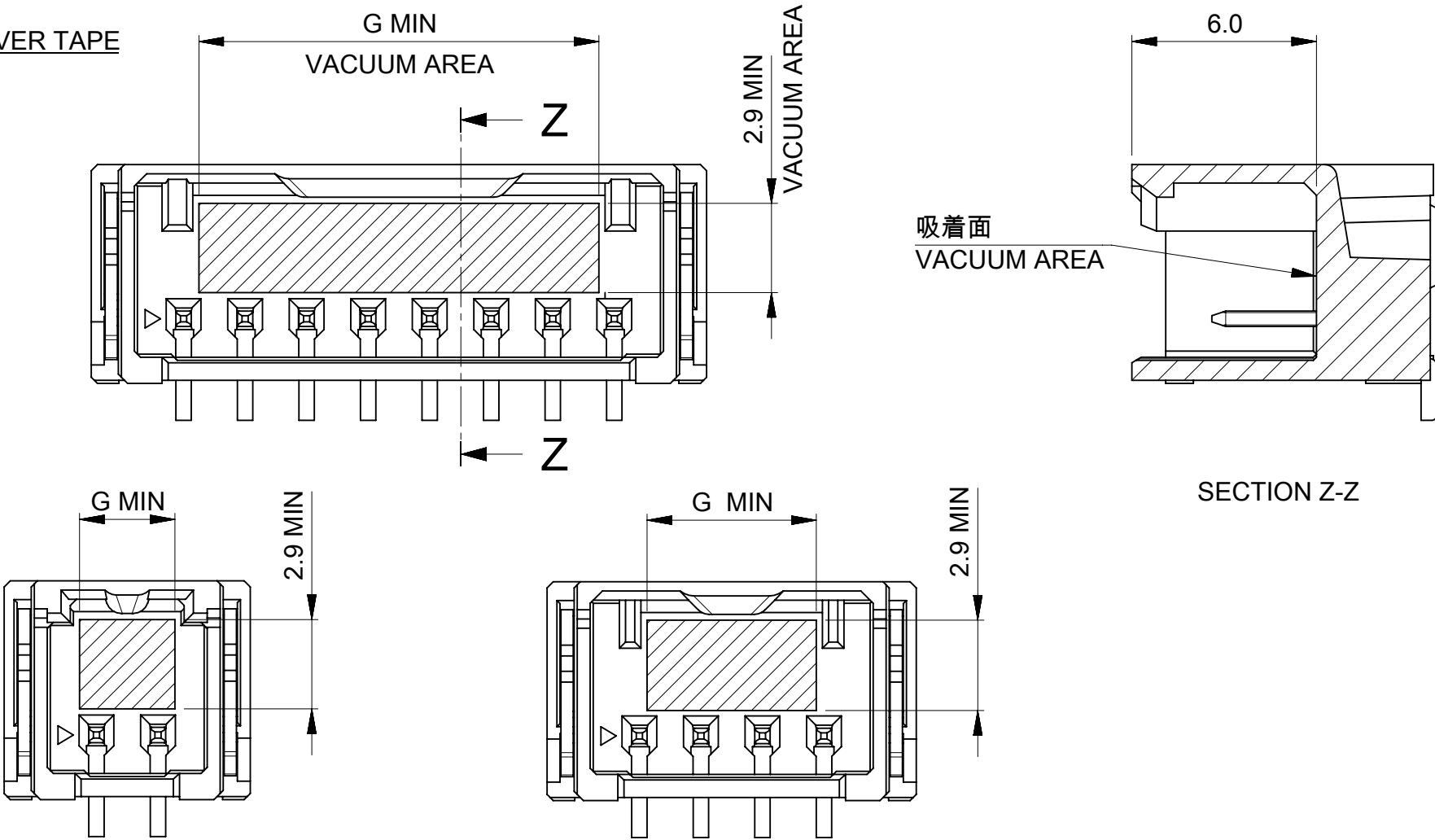
molex

MICRO-ONE 2.0W/B
HEAD ASSEMBLY VERTICAL

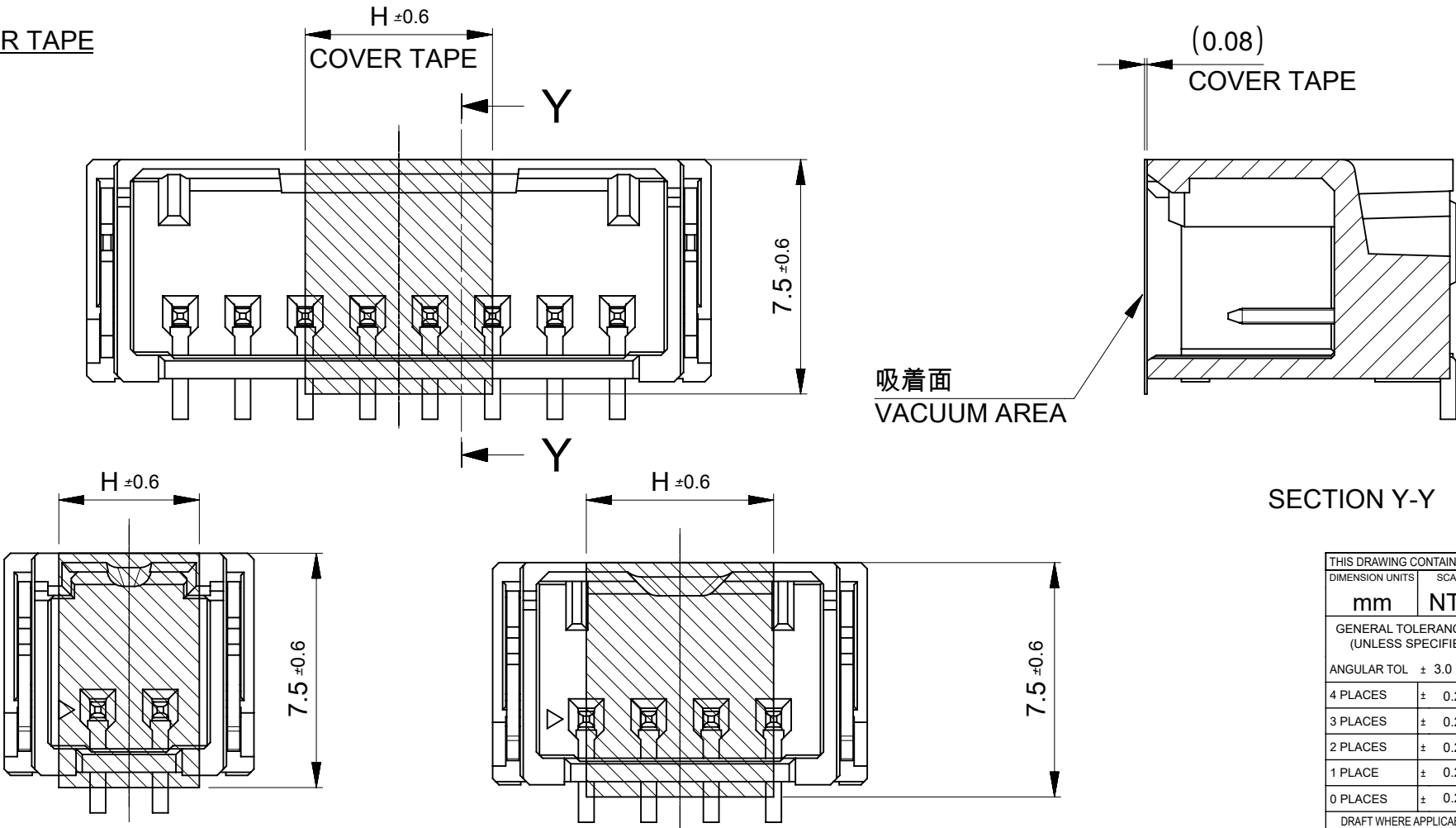
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
2059710000-SD
DOC TYPE
PSD
DOC PART
000
REVISION
C1

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

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

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

2018/02/16
2020/07/10

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

MICRO-ONE 2.0W/B
HEAD ASSEMBLY VERTICAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

2059710000-SD

PSD

000

C1

SEE TABLE

GENERAL

3 OF 5

