

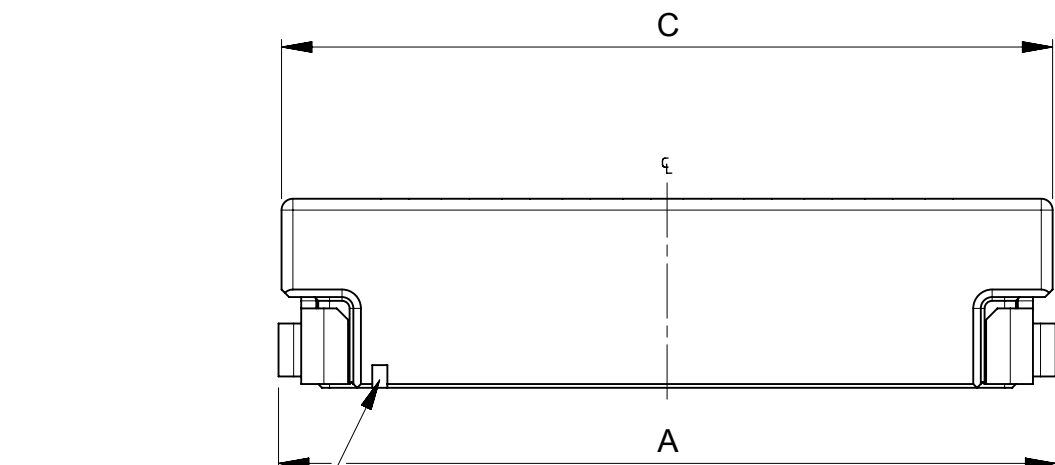
1. 材料及び仕上げ(めっき仕様) : TABLE1参照
MATERIAL AND FINISES:SEE TABLE 1
2. 製品仕様 : 2147190000-PS 000
PRODUCT SPECIFICATION : 2147190000-PS 000
3. 梱包仕様 : 2147219200-SPK 200
PACKING SPECIFICATION : 2147219200-SPK 200
4. 嵌合相手 : 214719 SERIES
MATE WITH : 214719 SERIES
5. アプリケーション仕様書
(コネクタ取扱い説明書) : 2166940000-AS 000
APPLICATION SPECIFICATION
(CONNECTOR MANUAL) : 2166940000-AS 000

6. 端子テール部及びネイルの平坦度：0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
極数/2 = 偶数に適応
- △₇ APPLY FOR CIRCUIT SIZE / 2 = EVEN
発注番号(製品番号)：SHEET 4の製品一覧を参照ください
- △₈ ORDER No (MATERIAL No) :
REFER TO SHEET 4 FOR PRODUCT LIST

SERIES No.

CIRCUIT SIZE

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、製品機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.



CIRCUIT 1
INDICATOR MARK

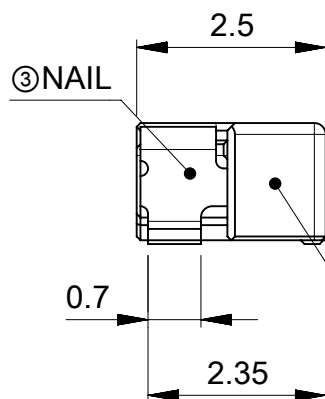
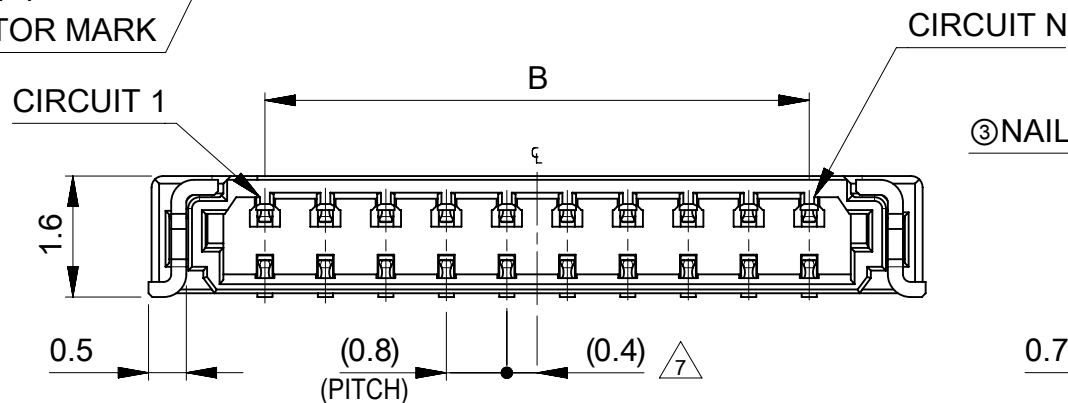
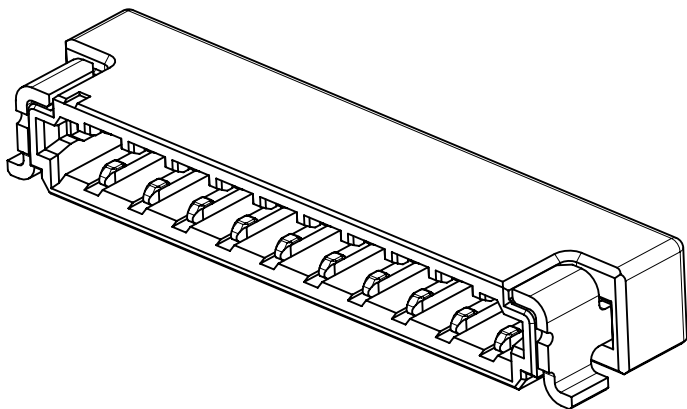


Diagram illustrating the rear view of the connector housing. The diagram shows a long, rectangular housing with multiple terminals. Labels indicate the following features:

- TRADE MARK
- CAV.&MOLD NO.
- ① HOUSING
- ② TERMINAL

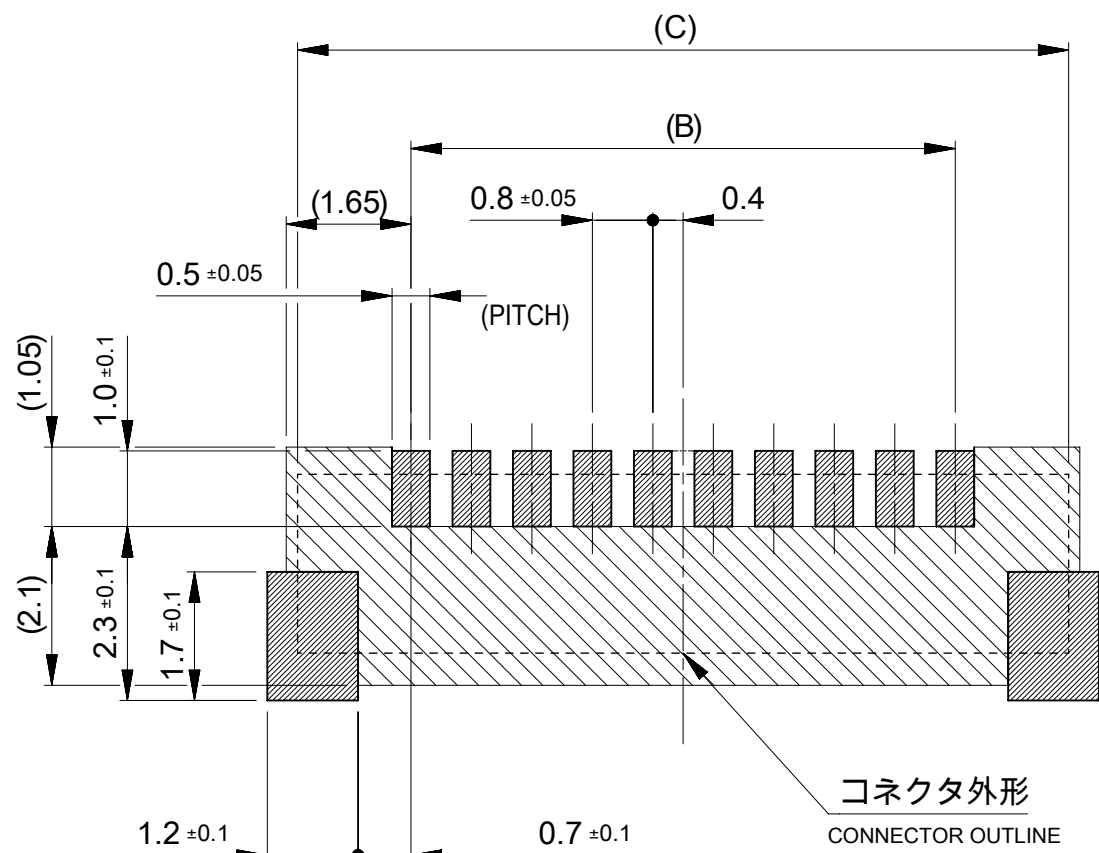
 TABLE 1

番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	液晶ポリマー(LCP), UL94 V-0, LOW HALOGEN, 黒 LIQUID CRYSTAL POLYMER(LCP), UL94 V-0, LOW HALOGEN, BLACK
②	ターミナル TERMINAL	銅合金 COPPER ALLOY
		ニッケルめっき(下地) : 1.0 MICROMETER MINIMUM NICKEL (UNDER PLATING)
		錫めっき(リフロー処理) : 1.0 MICROMETER MINIMUM MATTE TIN REFLOW TREATMENT
③	ネイル NAIL	リン青銅 PHOSPHOR BRONZE
		ニッケルめっき(下地) : 1.0 MICROMETER MINIMUM NICKEL (UNDER PLATING)
		錫めっき(リフロー処理) : 1.0 MICROMETER MINIMUM MATTE TIN REFLOW TREATMENT



18.8	5.6	18.2	15.2	18.28	20
18.0		17.4	14.4	17.48	19
17.2		16.6	13.6	16.68	18
16.4		15.8	12.8	15.88	17
15.6		15	12	15.08	16
14.8		14.2	11.2	14.28	15
14.0		13.4	10.4	13.48	14
13.2		12.6	9.6	12.68	13
12.4		11.8	8.8	11.88	12
11.6		11	8	11.08	11
10.8		10.2	7.2	10.28	10
10.0		9.4	6.4	9.48	9
9.2	8.6	5.6	8.68	8	
8.4	3.2	7.8	4.8	7.88	7
7.6		7	4	7.08	6
6.8		6.2	3.2	6.28	5
6.0	2.9	5.4	2.4	5.48	4
5.2	2.1	4.6	1.6	4.68	3
4.4	1.3	3.8	0.8	3.88	2
E	D	C	B	A	極數 CIRCUIT SIZE

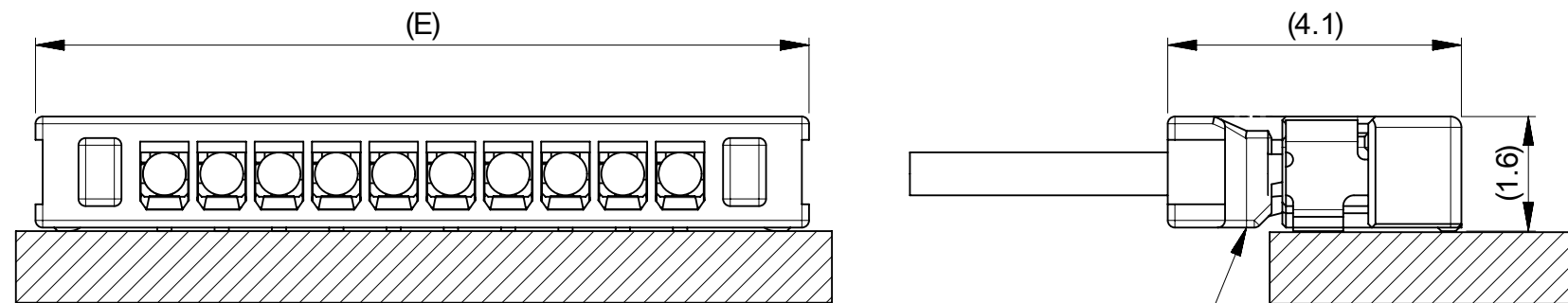
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex						
mm	NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 3.0°												
4 PLACES		±	0.2	EC NO: 693607 DRWN: HKOBAYASHI 2021/07/12 CHK'D: AIDA 2022/01/28 APPR: SAKIYAMA 2022/01/28		ZERO-HACHI 0.8 HDR SINGLE ROW RA ASSY						
3 PLACES		±	0.2									
2 PLACES		±	0.2									
1 PLACE		±	0.2	INITIAL REVISION: DRWN: HKOBAYASHI 2021/07/12 APPR: SAKIYAMA 2022/01/28		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES		±	0.2			2147210000-SD		PSD	000	A		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						A3-SIZE		214721		GENERAL		1 OF 4



推奨基板パターンレイアウト(参考)
RECOMENDED PCB PATTERN LAYOUT(REF.)

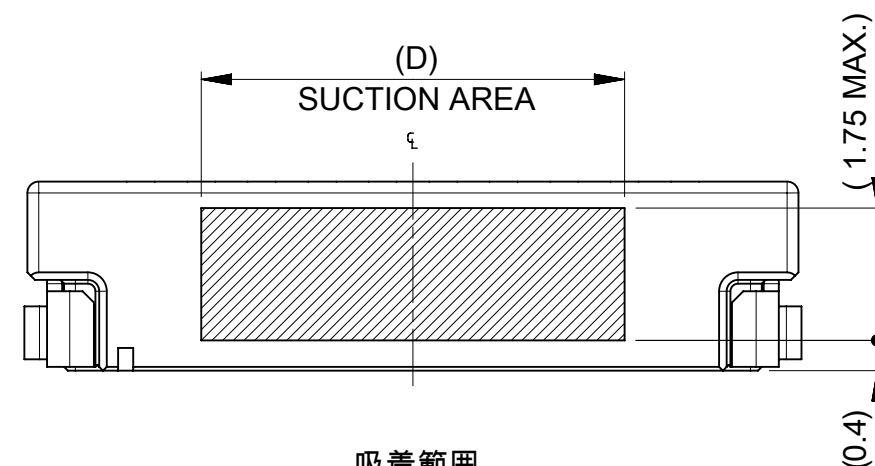
(参考 : メタルマスク厚さ 0.1mm, マスク開口率100%)
(REF:METAL MASK THICKNESS 0.1mm, APERTURE RATIO 100%)

パターン非推奨エリア
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHING AREA.



嵌合相手 : 214719シリーズ
MATE WITH:214719 SERIES

嵌合状態図
MATED CONNECTORS

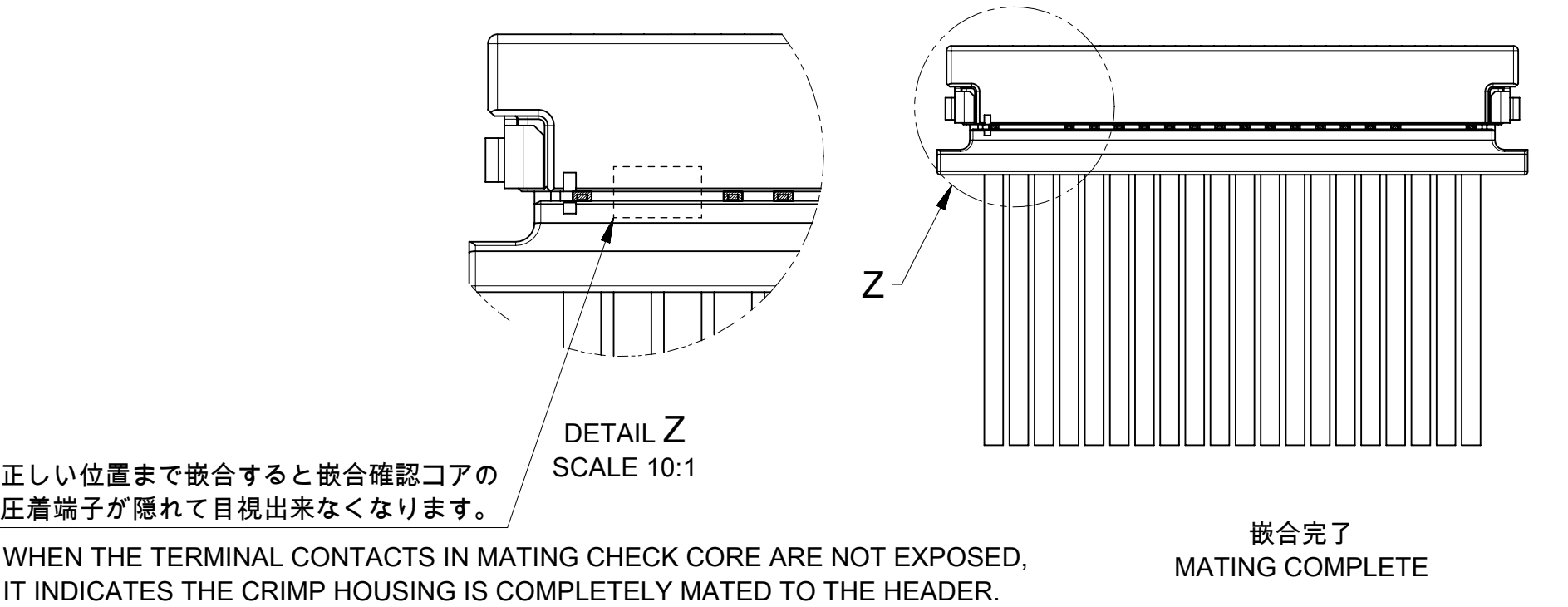
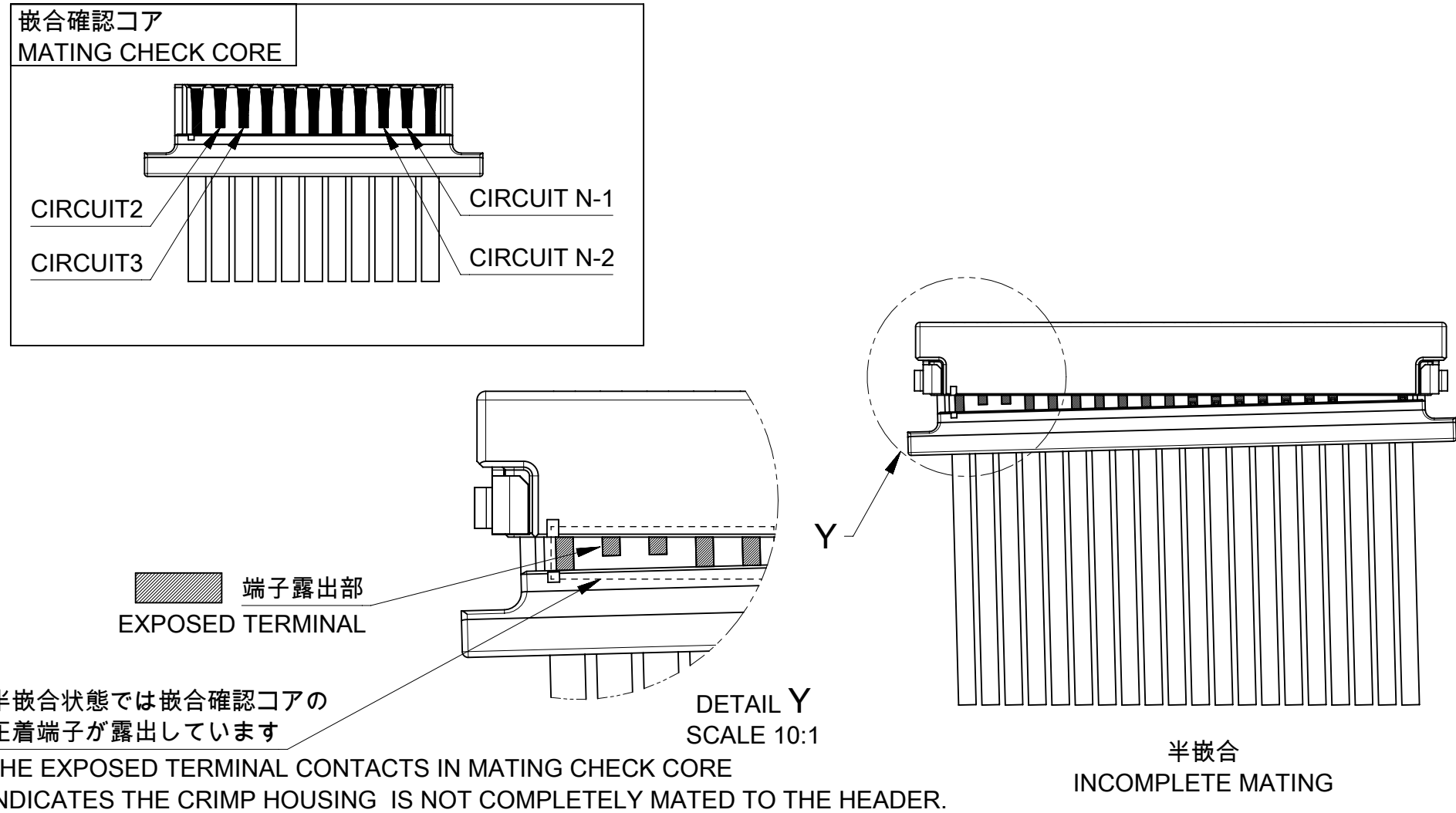


吸着範囲
SUCTION AREA

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		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				ZERO-HACHI 0.8 HDR SINGLE ROW RA ASSY					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2							
3 PLACES		± 0.2							
2 PLACES		± 0.2							
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING					
0 PLACES		± 0.2							
EC NO: 693607				DOCUMENT NUMBER 2147210000-SD					
DRWN: HKOBAYASHI 2021/07/12									
CHK'D: AIDA 2022/01/28									
APPR: SAKIYAMA 2022/01/28				DOC TYPE PSD DOC PART 000 REVISION A					
INITIAL REVISION:									
DRWN: HKOBAYASHI 2021/07/12									
APPR: SAKIYAMA 2022/01/28				MATERIAL NUMBER CUSTOMER GENERAL SHEET NUMBER 2 OF 4					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION		DRAWING		SERIES					
		A3-SIZE		214721					

半嵌合防止形状(11極 ~ 20極)

INCOMPLETE MATING PREVENTION SHAPE (11~20 CIRCUIT)



△ 8 発注番号一覧
ORDER NUMBER LIST

黒 BLACK	ハウジング色 HOUSING COLOR
214721 0200	20
214721 0190	19
214721 0180	18
214721 0170	17
214721 0160	16
214721 0150	15
214721 0140	14
214721 0130	13
214721 0120	12
214721 0110	11
214721 0100	10
214721 0090	9
214721 0080	8
214721 0070	7
214721 0060	6
214721 0050	5
214721 0040	4
214721 0030	3
214721 0020	2
発注番号 ORDER NO.	極数 CIRCUIT SIZE
梱包形態：エンボスリール PACKAGE:EMBOSSED REEL	

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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: 693607
DRWN: HKOBAYASHI
CHK'D: AIDA
APPR: SAKIYAMA
INITIAL REVISION:
DRWN: HKOBAYASHI
APPR: SAKIYAMA

2021/07/12
2022/01/28
2022/01/28
2021/07/12
2022/01/28

molex

ZERO-HACHI 0.8 HDR SINGLE ROW RA ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

2147210000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

GENERAL

4 OF 4

A3-SIZE

214721

DOCUMENT STATUS | P1 | RELEASE DATE | 2022/01/28 07:34:50

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