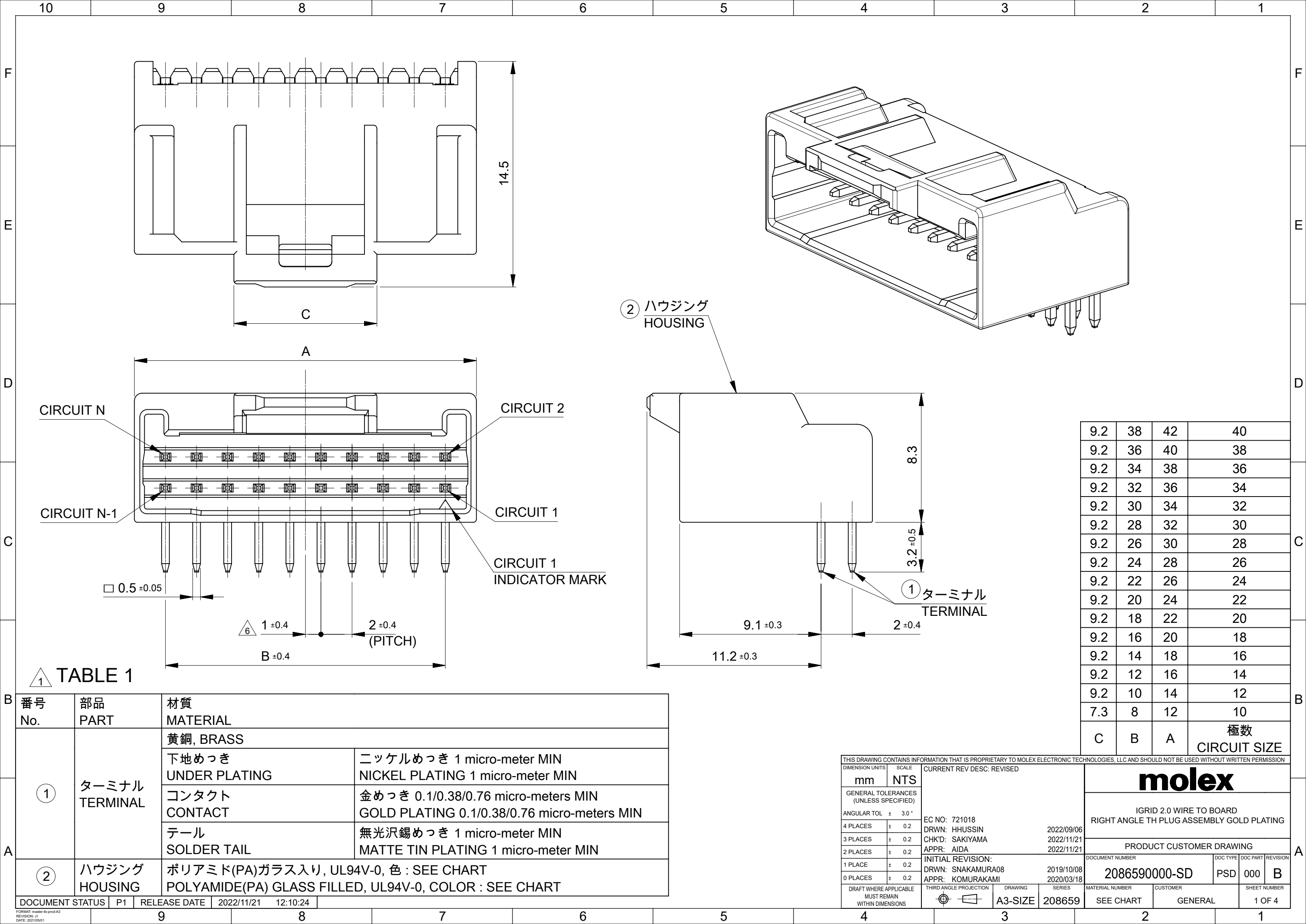




②ハウジング
HOUSING

①ターミナル
TERMINAL

△₁ TABLE 1

番号 No.	部品 PART	材質 MATERIAL	
①	ターミナル TERMINAL	黄銅, BRASS	
		下地めっき UNDER PLATING	ニッケルめっき 1 micro-meter MIN NICKEL PLATING 1 micro-meter MIN
		コンタクト CONTACT	金めっき 0.1/0.38/0.76 micro-meters MIN GOLD PLATING 0.1/0.38/0.76 micro-meters MIN
		テール SOLDER TAIL	無光沢錫めっき 1 micro-meter MIN MATTE TIN PLATING 1 micro-meter MIN
②	ハウジング HOUSING	ポリアミド(PA)ガラス入り, UL94V-0, 色 : SEE CHART POLYAMIDE(PA) GLASS FILLED, UL94V-0, COLOR : SEE CHART	

9.2	38	42	40
9.2	36	40	38
9.2	34	38	36
9.2	32	36	34
9.2	30	34	32
9.2	28	32	30
9.2	26	30	28
9.2	24	28	26
9.2	22	26	24
9.2	20	24	22
9.2	18	22	20
9.2	16	20	18
9.2	14	18	16
9.2	12	16	14
9.2	10	14	12
7.3	8	12	10
C	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: REVISED

EC NO: 721018
DRWN: HHUSSIN
CHK'D: SAKIYAMA
APPR: AIDA

2022/09/06
2022/11/21
2022/11/21

INITIAL REVISION:
DRWN: SNAMAMURA08
APPR: KOMURAKAMI

2019/10/08
2020/03/18

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

IGRID 2.0 WIRE TO BOARD
RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

2086590000-SD

PSD

000

B

SEE CHART

GENERAL

1 OF 4

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
- 適用製品及び各種仕様書はSHEET 3を御参照ください。
PLEASE REFER TO SHEET 3 ABOUT APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS.
3.
- 本製品は金めっき品です。錫めっき品は5018760000-SD/PSD/000を御参照ください。
THIS PRODUCT IS A GOLD PLATING. FOR TIN PLATING PRODUCT,
PLEASE REFER TO 5018760000-SD/PSD/000.
- 4
- 極数/2 = 偶数に適用
APPLY FOR CIRCUIT SIZE / 2 =EVEN
5.
- ソルダーテール部に錫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 PLATING IS USED IN SOLDER-TAIL PART.
- 6
- 発注番号 : SHEET 4 参照
ORDER No. : PLEASE REFER TO SHEET 4 FOR PRODUCT LIST

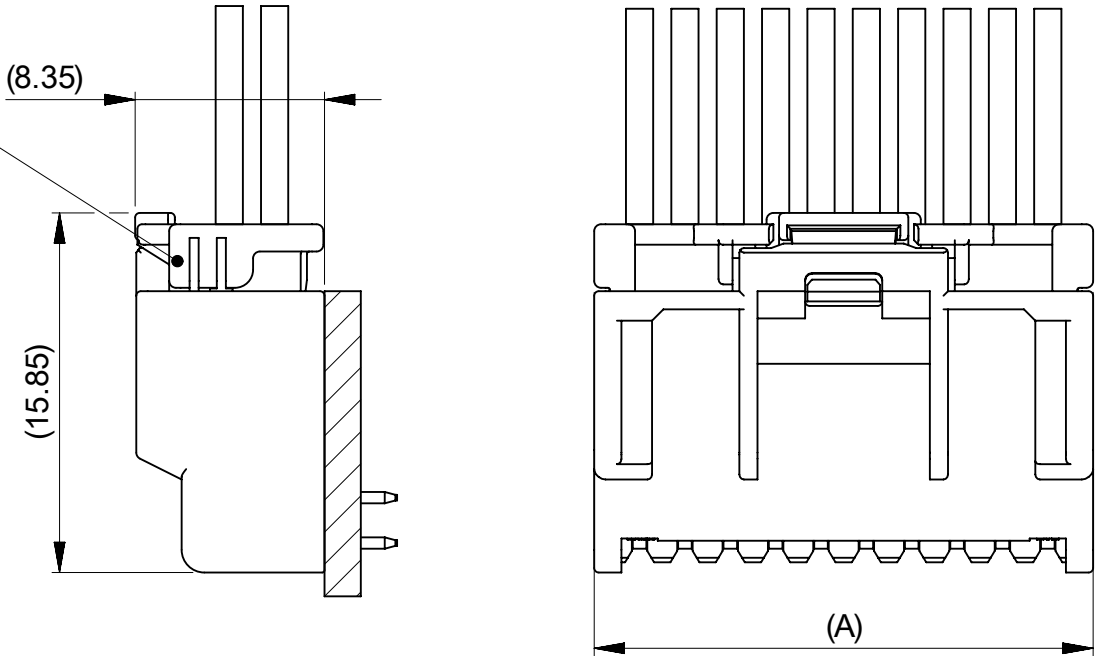
208659

極数
CIRCUIT SIZE

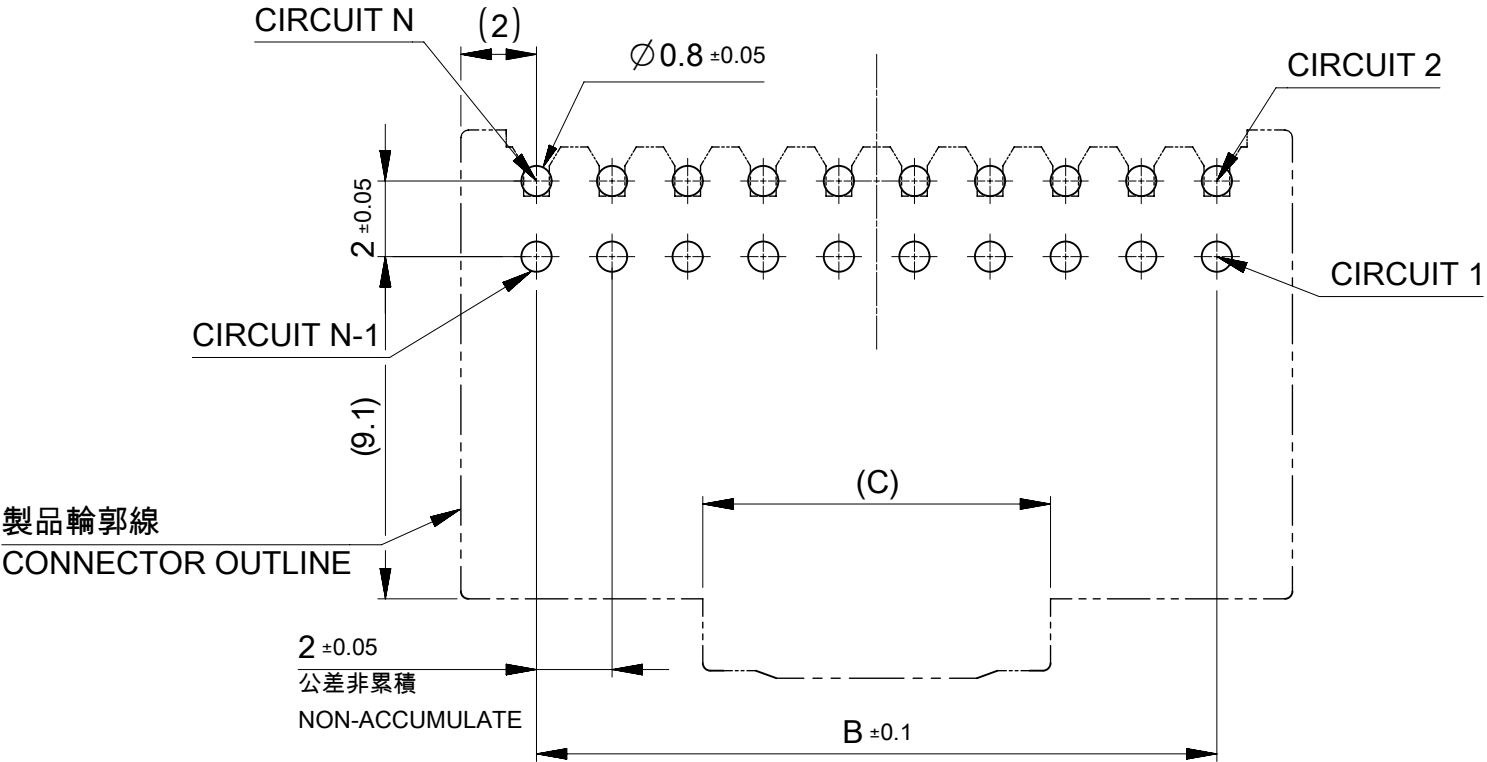
ハウジングカラー
HOUSING COLOR
0:ナチュラル NATURAL
(白 WHITE)
1:黒 BLACK

金めっき厚
GOLD PLATING THICKNESS
4 : 0.1 micro-meters MIN
6 : 0.38 micro-meters MIN
7 : 0.76 micro-meters MIN

嵌合相手 501646 SERIES
MATE WITH : 501646 SERIES



嵌合図
MATED CONNECTORS



基板取付穴推奨寸法(マウント面)

RECOMMENDED PCB HOLE DIMENSION (MOUNTING SIDE)

参考基板厚 t=1.2~1.6

REFERANCE PCB THICKNESS t=1.2~1.6

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: REVISED				molex		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)			IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING						
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2							
3 PLACES		± 0.2							
2 PLACES		± 0.2							
1 PLACE		± 0.2							
0 PLACES		± 0.2	EC NO: 721018 DRWN: HHUSSIN 2022/09/06 CHK'D: SAKIYAMA 2022/11/21 APPR: AIDA 2022/11/21				PRODUCT CUSTOMER DRAWING		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION			DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
			A3-SIZE	208659	2086590000-SD		PSD	000	B

10

9

8

7

6

5

4

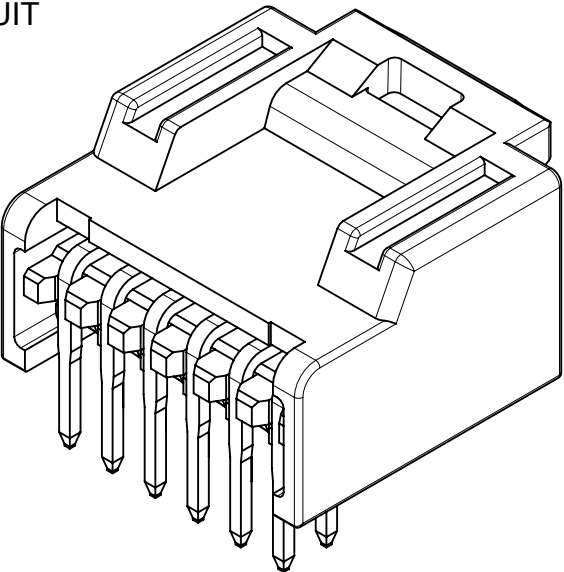
3

2

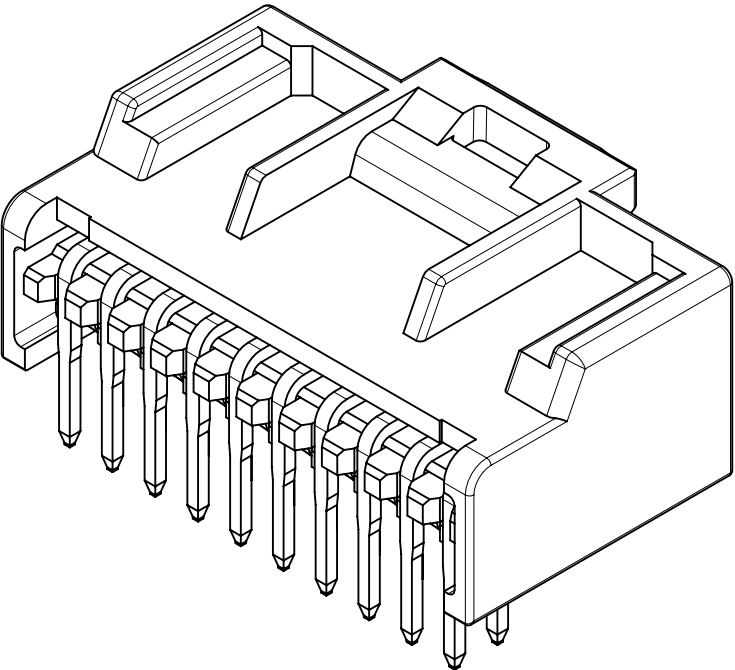
1

製品形状
PRODUCT SHAPE

10, 12 極
10, 12 CIRCUIT



14 - 40 極
14 - 40 CIRCUIT



製品一覧 PRODUCT LIST

0.76 micro-meters MIN		0.38 micro-meters MIN		0.1 micro-meters MIN		接点部金めっき厚 GOLD PLATING THICKNESS ON CONTACT AREA
黒 : BLACK	ナチュラル : NATURAL (白 : WHITE)	黒 : BLACK	ナチュラル : NATURAL (白 : WHITE)	黒 : BLACK	ナチュラル : NATURAL (白 : WHITE)	HOUSING COLOR
208659 4071	208659 4070	208659 4061	208659 4060	208659 4041	208659 4040	40
↗ 3871	↗ 3870	↗ 3861	↗ 3860	↗ 3841	↗ 3840	38
	3671		3661		3641	36
	3471		3461		3441	34
	3271		3261		3241	32
	3071		3061		3041	30
	2871		2861		2841	28
	2671		2661		2641	26
	2471		2461		2441	24
	2271		2261		2241	22
	2071		2061		2041	20
	1871		1861		1841	18
	1671		1661		1641	16
	1471		1461		1441	14
↘ 1271	↘ 1270	↘ 1261	↘ 1260	↘ 1241	↘ 1240	12
208659 1071	208659 1070	208659 1061	208659 1060	208659 1041	208659 1040	10
発注番号 ORDER No.						極数
PACKAGING STYLE : TRAY						CIRCUIT SIZE

DOCUMENT STATUS	P1	RELEASE DATE	2022/11/21	12:10:24
-----------------	----	--------------	------------	----------

9

8

7

6

5

4

3

2

1

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

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: REVISED			molex				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING							
ANGULAR TOL ± 3.0 °											
4 PLACES		± 0.2		EC NO: 721018			PRODUCT CUSTOMER DRAWING				
3 PLACES		± 0.2		DRWN: HHUSSIN 2022/09/06							
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2022/11/21							
1 PLACE		± 0.2		APPR: AIDA 2022/11/21			DOCUMENT NUMBER 2086590000-SD				
0 PLACES		± 0.2		INITIAL REVISION: DRWN: SNAKAMURA08 2019/10/08 APPR: KOMURAKAMI 2020/03/18							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOC TYPE PSD	
						A3-SIZE		208659		DOC PART 000	
								REVISION B		SHEET NUMBER 4 OF 4	

A