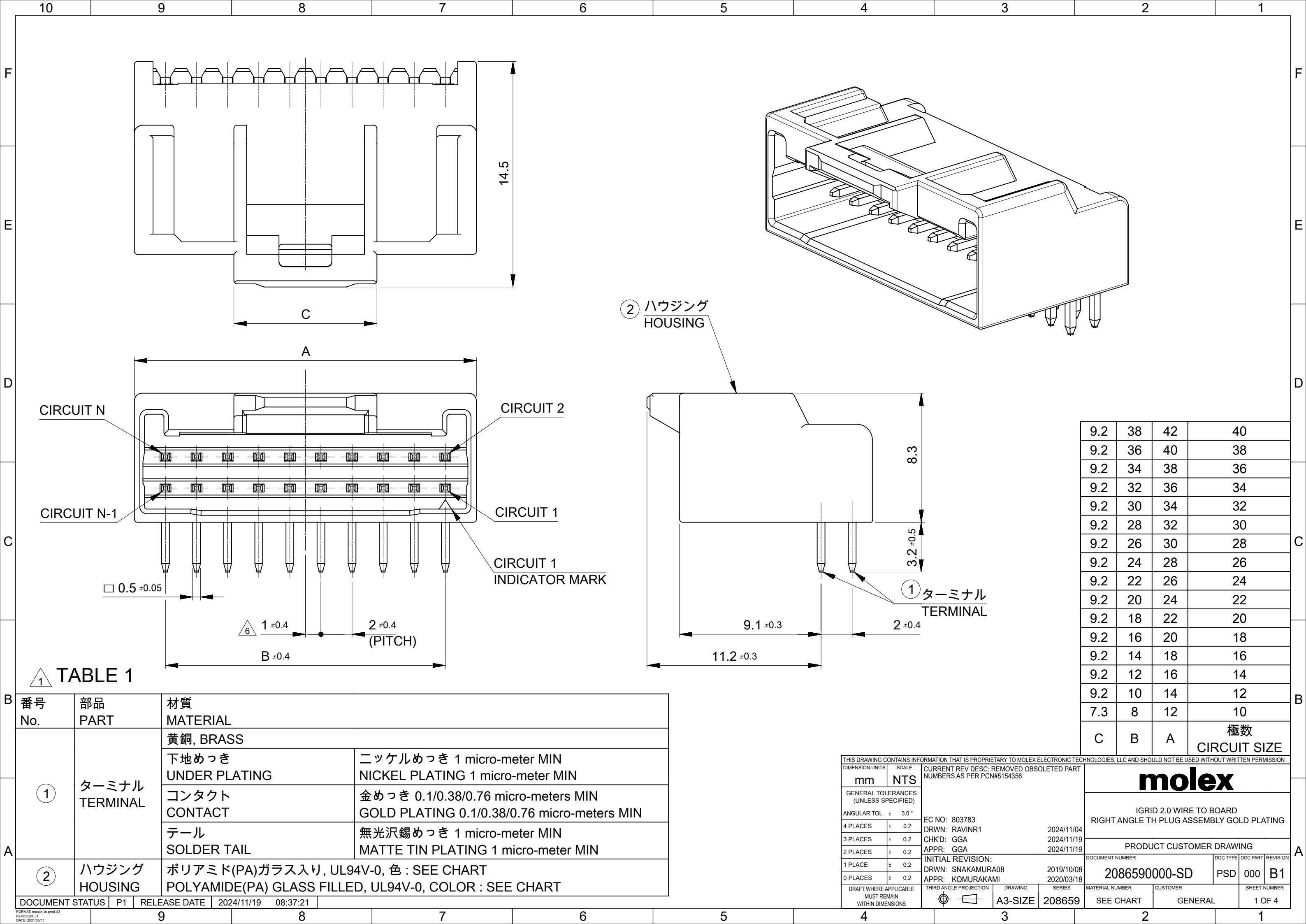




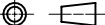
②ハウジング
HOUSING

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		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#5154356.					
mm		NTS		molex					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °				IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING					
4 PLACES ± 0.2		EC NO: 803783		PRODUCT CUSTOMER DRAWING					
3 PLACES ± 0.2		DRWN: RAVINR1 2024/11/04							
2 PLACES ± 0.2		CHK'D: GGA 2024/11/19							
1 PLACE ± 0.2		APPR: GGA 2024/11/19		INITIAL REVISION:					
0 PLACES ± 0.2									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SNAMAMURA08 2019/10/08		DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
		APPR: KOMURAKAMI 2020/03/18		2086590000-SD		PSD		000	B1
		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
		A3-SIZE	208659	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

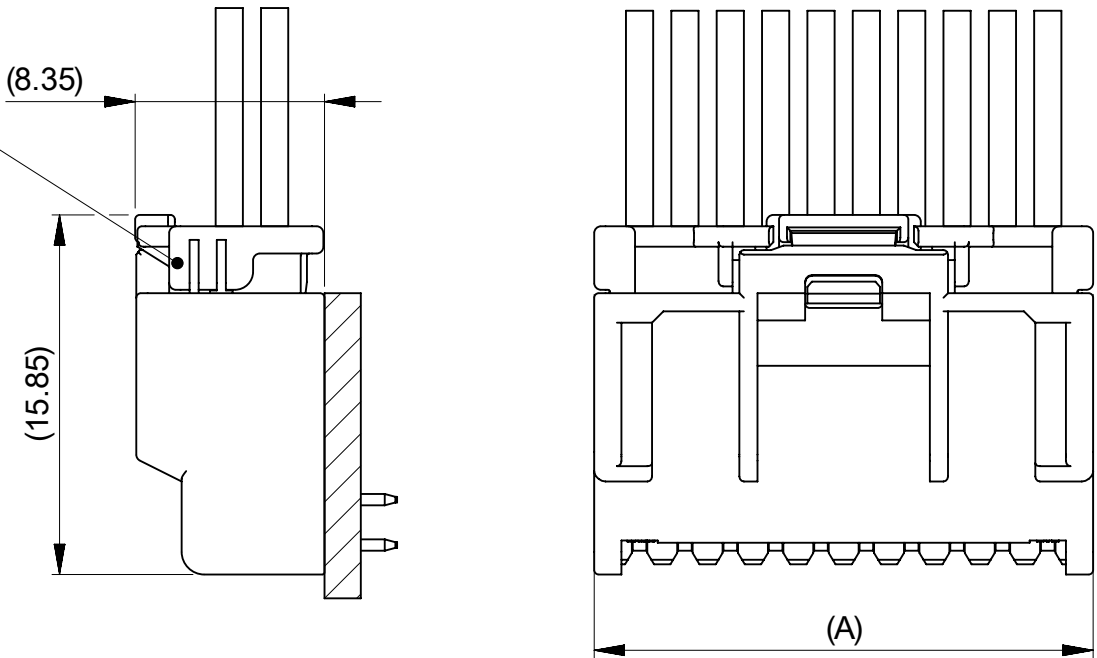
208659

極数
CIRCUIT SIZE

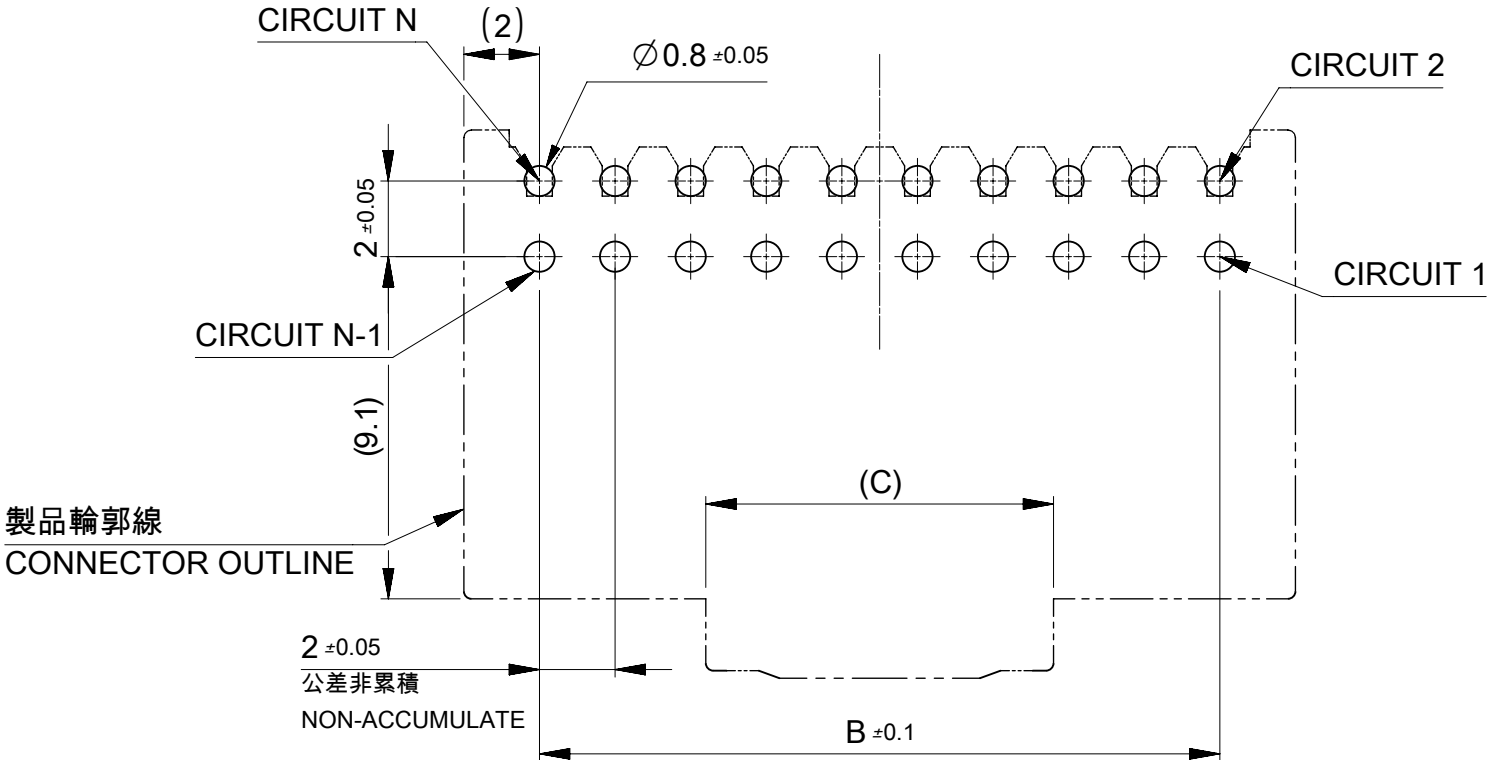
ハウジングカラー
HOUSING COLOR
0:ナチュラル NATURAL
(白 WHITE)
1:黒 BLACK

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

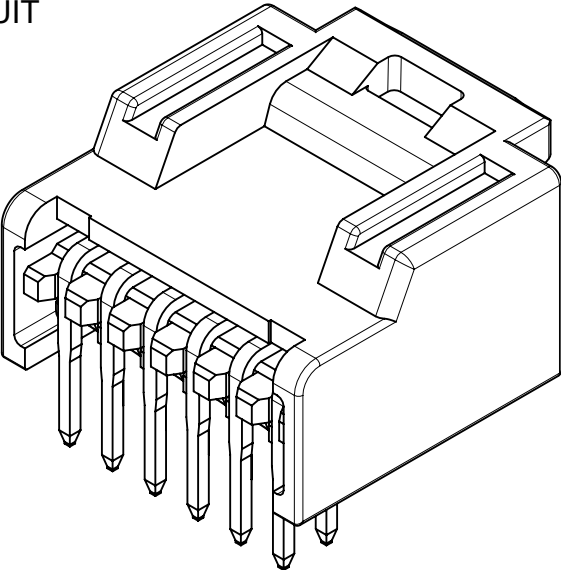


基板取付穴推奨寸法(マウント面)
RECOMMENDED PCB HOLE DIMENSION (MOUNTING SIDE)
参考基板厚 t=1.2~1.6
REFERANCE PCB THICKNESS t=1.2~1.6

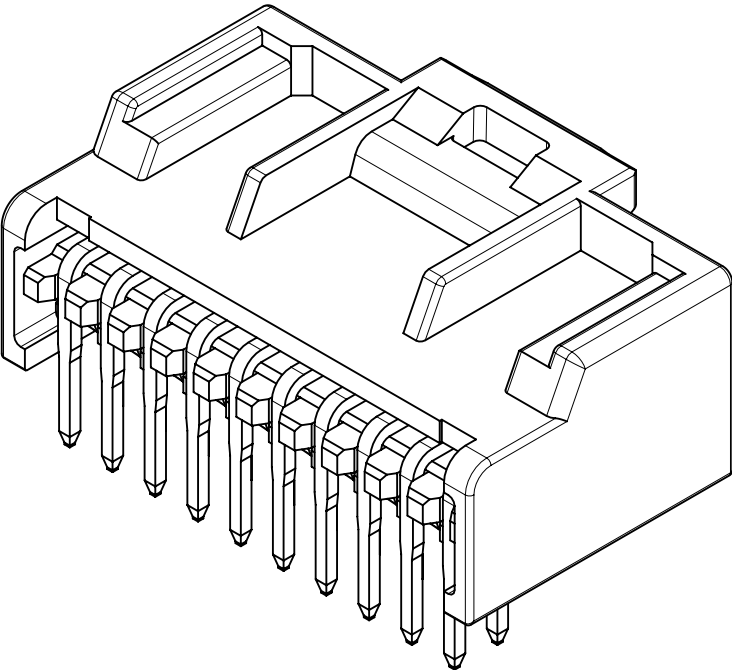
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#5154356.				molex IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING			
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± 3.0 °		EC NO: 803783				PRODUCT CUSTOMER DRAWING			
4 PLACES		± 0.2		DRWN: RAVINR1 2024/11/04				DOCUMENT NUMBER			
3 PLACES		± 0.2		CHK'D: GGA 2024/11/19				DOC TYPE			
2 PLACES		± 0.2		APPR: GGA 2024/11/19				DOC PART			
1 PLACE		± 0.2		INITIAL REVISION:				REVISION			
0 PLACES		± 0.2		DRWN: SNAKAMURA08 2019/10/08				2086590000-SD			
				APPR: KOMURAKAMI 2020/03/18				PSD 000 B1			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 208659		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL	
								SHEET NUMBER 2 OF 4			

製品形状
PRODUCT SHAPE

10, 12 極
10, 12 CIRCUIT



14 - 40 極
14 - 40 CIRCUIT



製品一覧 PRODUCT LIST

0.1 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)	HOUSING COLOR	
208659 4041	208659 4040	40	
∧ 3841	∧ 3840	38	
3641	3640	36	
3441	3440	34	
3241	3240	32	
3041	3040	30	
2841	2840	28	
2641	2640	26	
2441	2440	24	
2241	2240	22	
2041	2040	20	
1841	1840	18	
1641	1640	16	
1441	1440	14	
∨ 1241	∨ 1240	12	
208659 1041	208659 1040	10	
発注番号 ORDER No.		極数	
PACKAGING STYLE : TRAY		CIRCUIT SIZE	

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#5154356.	
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		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE

EC NO: 803783
DRWN: RAVINR1
CHK'D: GGA
APPR: GGA

2024/11/04
2024/11/19
2024/11/19

INITIAL REVISION:
DRWN: SNAKAMURA08
APPR: KOMURAKAMI

2019/10/08
2020/03/18

DOCUMENT NUMBER
2086590000-SD

DOC TYPE
PSD

DOC PART
000

REVISION
B1

MATERIAL NUMBER
SEE CHART

CUSTOMER
GENERAL

SHEET NUMBER
4 OF 4

moLEX

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

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS	P1	RELEASE DATE	2024/11/19	08:37:21
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9

8

7

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1