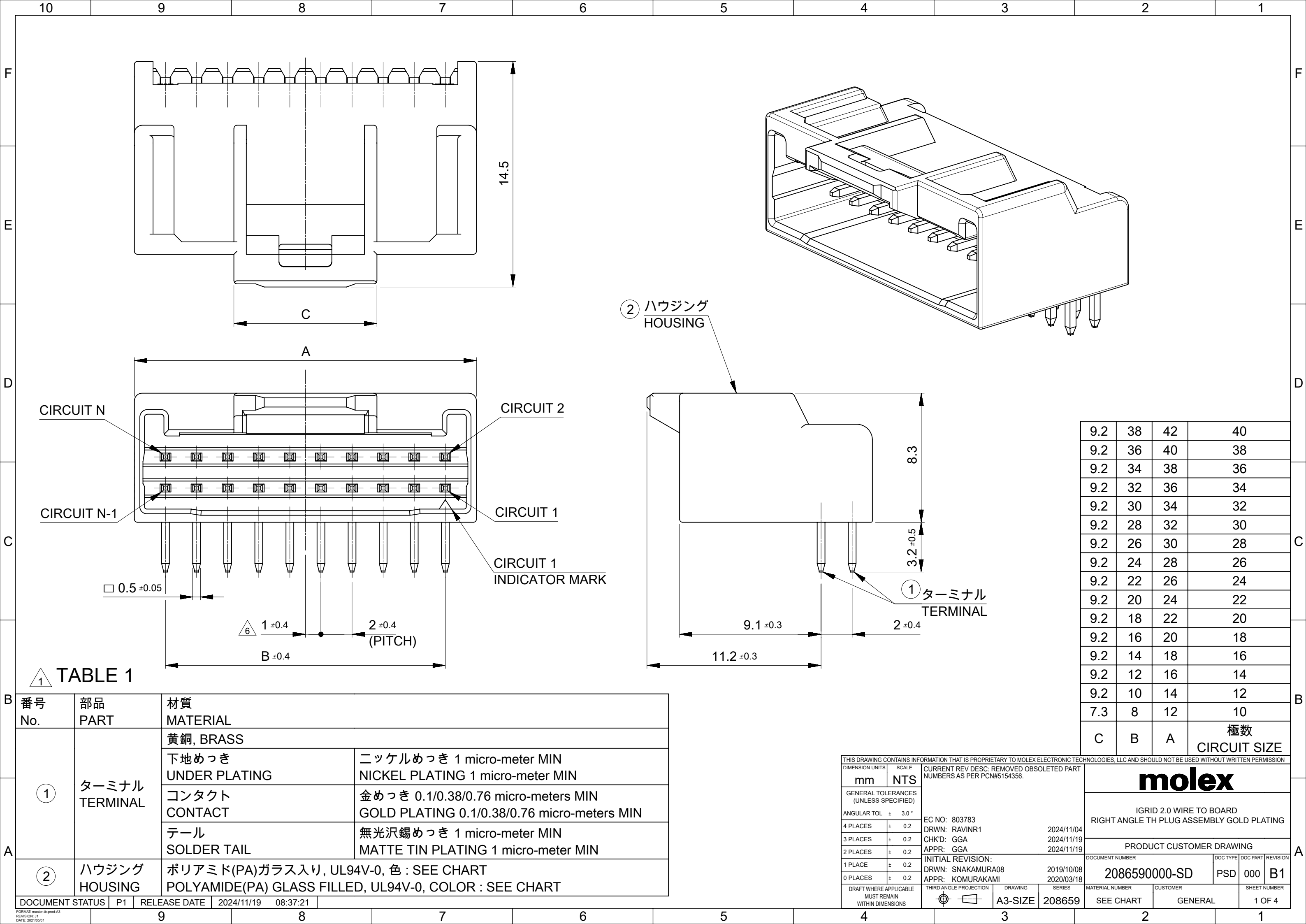




②ハウジング
HOUSING

①ターミナル
TERMINAL

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

△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

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 IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING PRODUCT CUSTOMER DRAWING													
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		± 3.0 °		EC NO: 803783 DRWN: RAVINR1 2024/11/04 CHK'D: GGA 2024/11/19 APPR: GGA 2024/11/19													
4 PLACES		± 0.2															
3 PLACES		± 0.2															
2 PLACES		± 0.2															
1 PLACE		± 0.2		INITIAL REVISION: DRWN: SNAKAMURA08 2019/10/08 APPR: KOMURAKAMI 2020/03/18													
0 PLACES		± 0.2															
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		B1	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										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

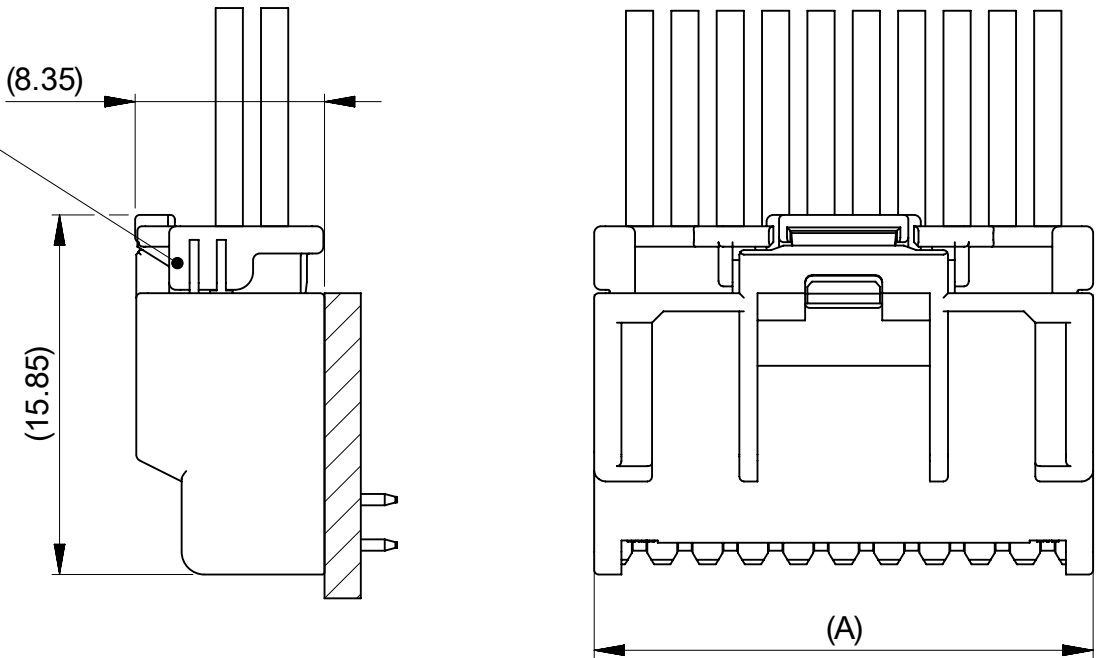
208659

極数
CIRCUIT SIZE

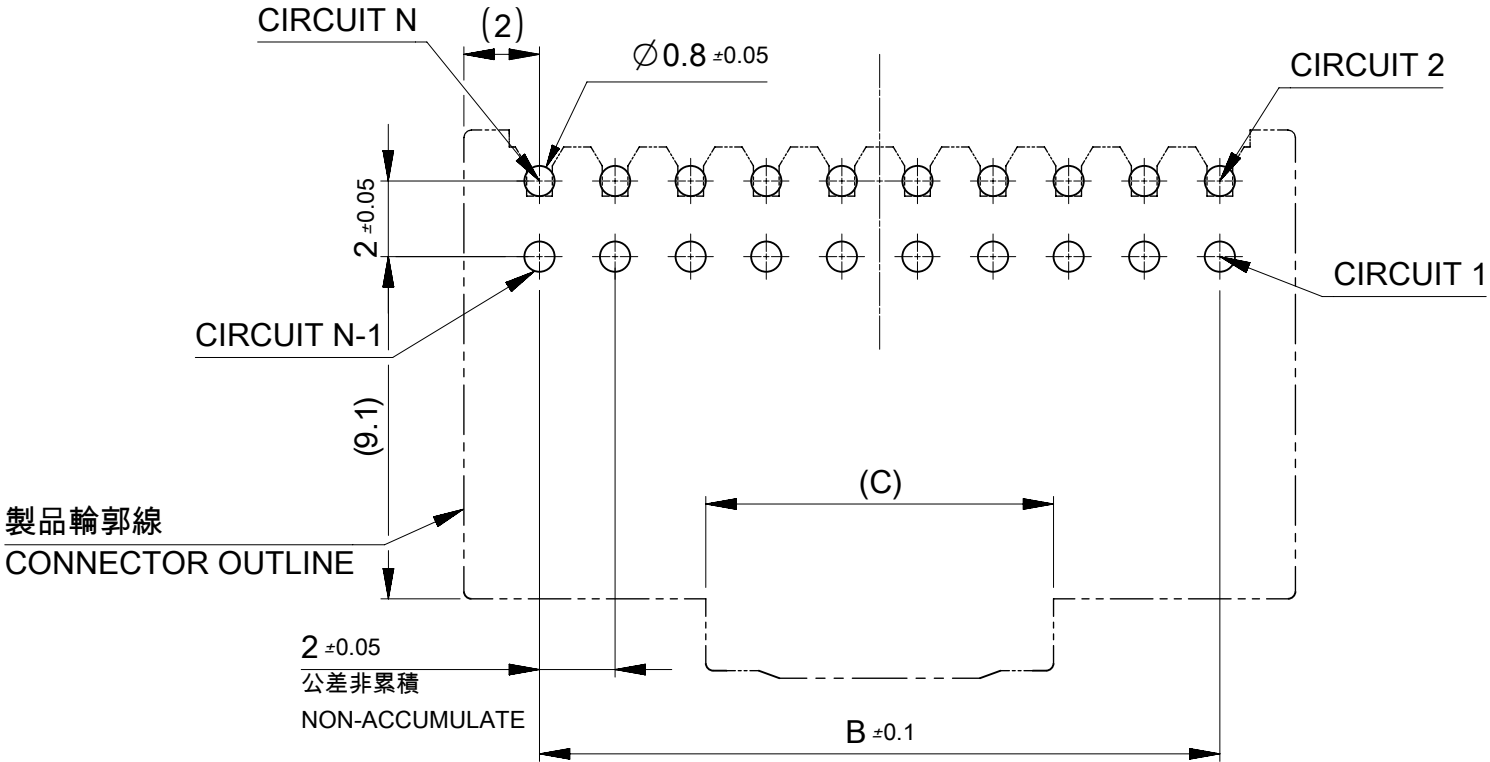
ハウジングカラー
HOUSING COLOR
0:ナチュラル NATURAL
(白 WHITE)
1:黒 BLACK

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

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#5154356.				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 803783 DRWN: RAVINR12024/11/04 CHK'D: GGA2024/11/19 APPR: GGA2024/11/19 INITIAL REVISION: DRWN: SNAKAMURA082019/10/08 APPR: KOMURAKAMI2020/03/18					
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		SERIES	
						A3-SIZE		208659	
				DOCUMENT NUMBER				DOC TYPE	
				2086590000-SD				PSD	
								DOC PART	
								REVISION	
								B1	
				MATERIAL NUMBER				CUSTOMER	
				SEE CHART				GENERAL	
								SHEET NUMBER	
								2 OF 4	

3

適用製品及び各種仕様書

APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	DOCUMENT NUMBER
	208659 ****	2086599200-SPK PS 200

適用嵌合相手 MATE WITH	HOUSING	TERMINAL (GOLD PLATING)
		#22-28
シリーズ番号 SERIES NUMBER	501646 SERIES	503095 SERIES
製品仕様書 PRODUCT SPECIFICATION	5016460000-PS PS 000	
アプリケーション仕様書 APPLICATION SPECIFICATION	5016460000 PS A00	

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#5154356.	molex			
mm	NTS					
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					
3 PLACES	± 0.2	EC NO: 803783 DRWN: RAVINR1 CHK'D: GGA APPR: GGA	PRODUCT CUSTOMER DRAWING			
2 PLACES	± 0.2					
1 PLACE	± 0.2					
0 PLACES	± 0.2	INITIAL REVISION: DRWN: SNAKAMURA08 APPR: KOMURAKAMI	DOCUMENT NUMBER 2086590000-SD		DOC TYPE PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING A3-SIZE	SERIES 208659	DOC PART 000	
			MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL	REVISION B1	
			SHEET NUMBER 3 OF 4			

2024/11/19

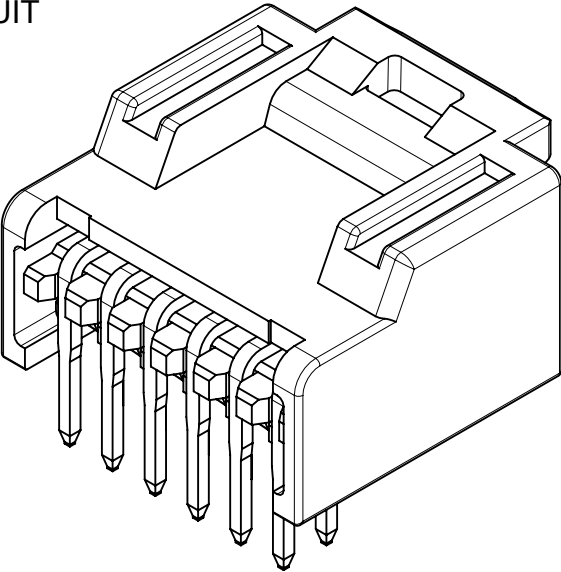
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製品形状

PRODUCT SHAPE

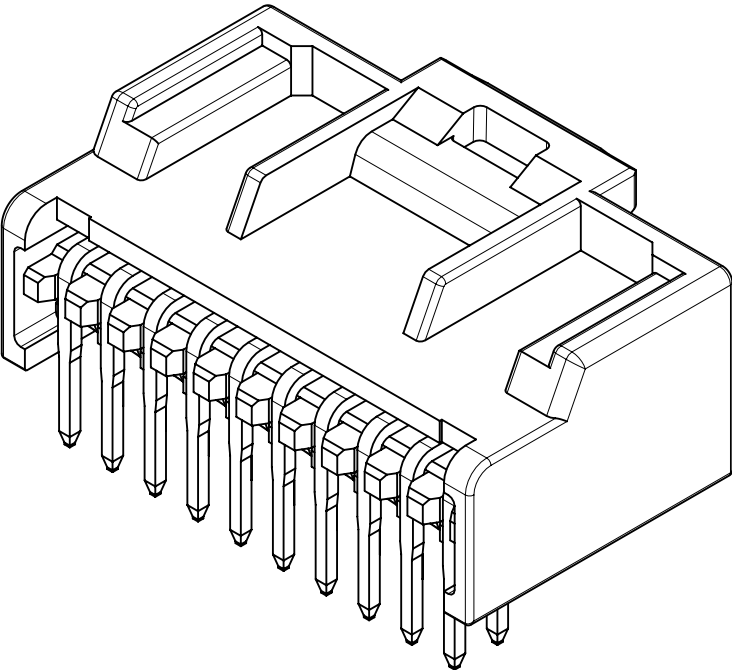
10, 12 極

10, 12 CIRCUIT



14 - 40 極

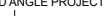
14 - 40 CIRCUIT



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)				EC NO: 803783 DRWN: RAVINR12024/11/04 CHK'D: GGA2024/11/19 APPR: GGA2024/11/19										
ANGULAR TOL ± 3.0 °														
4 PLACES ± 0.2														
3 PLACES ± 0.2														
2 PLACES ± 0.2														
1 PLACE ± 0.2				INITIAL REVISION: DRWN: SNAKAMURA082019/10/08 APPR: KOMURAKAMI2020/03/18										
0 PLACES ± 0.2														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
		A3-SIZE		208659		SEE CHART		GENERAL		4 OF 4				
						DOCUMENT NUMBER						DOC TYPE	DOC PART	REVISION
						2086590000-SD						PSD	000	B1
PRODUCT CUSTOMER DRAWING														
IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING														
molex														
REVISION: J1 DATE: 2021/05/01														