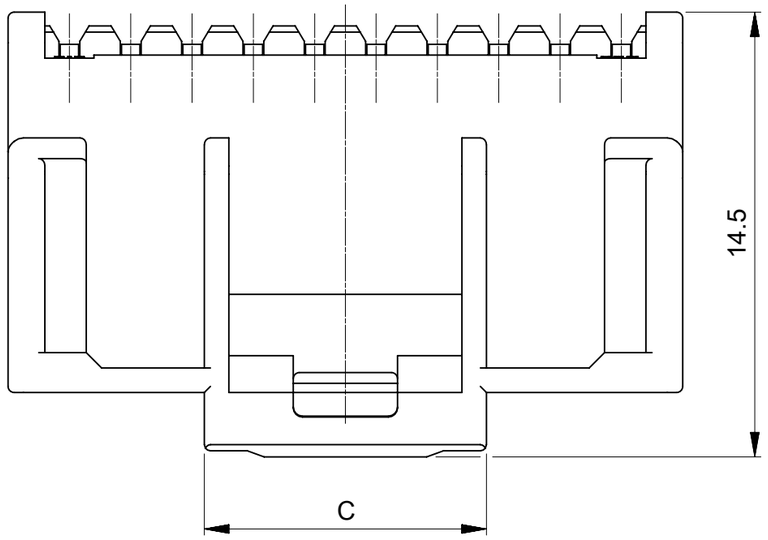
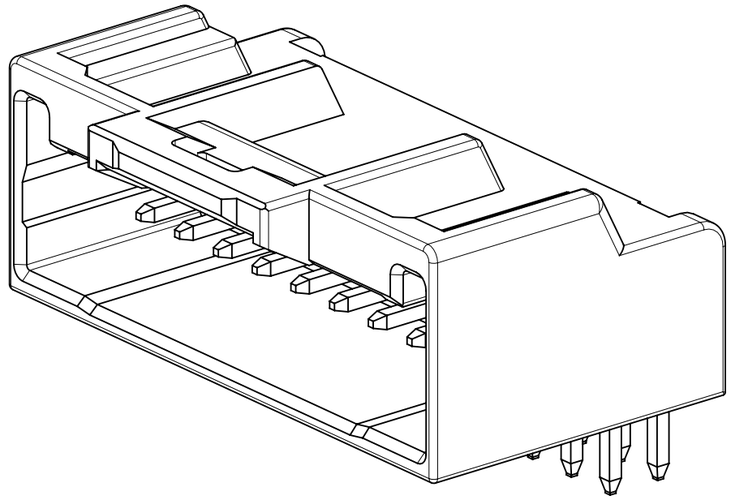
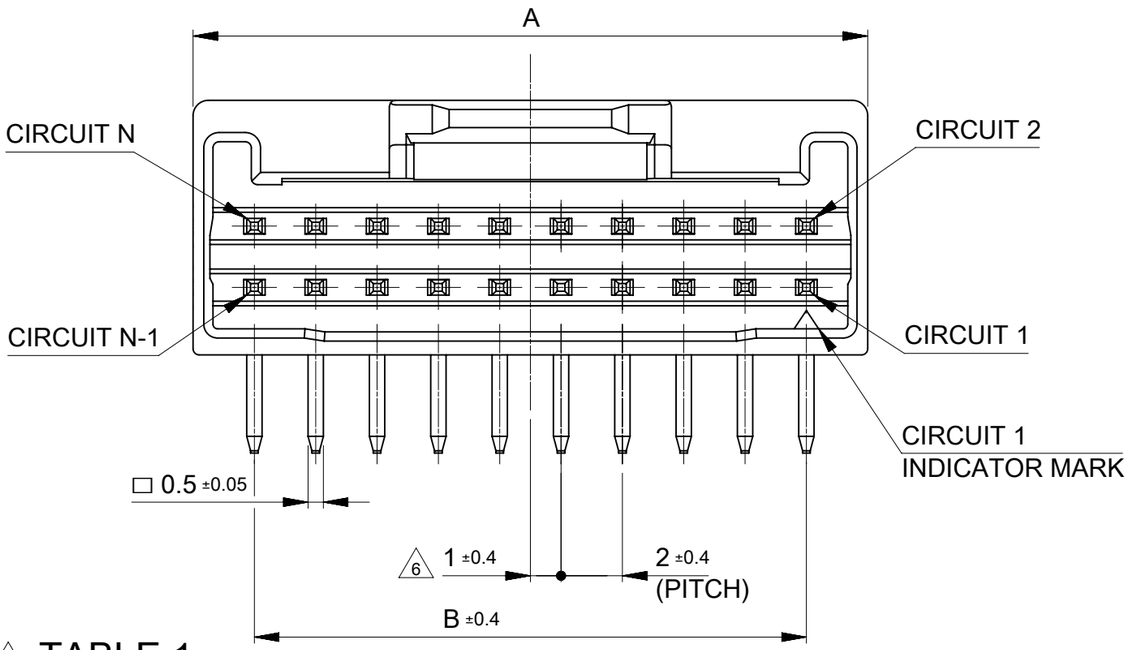
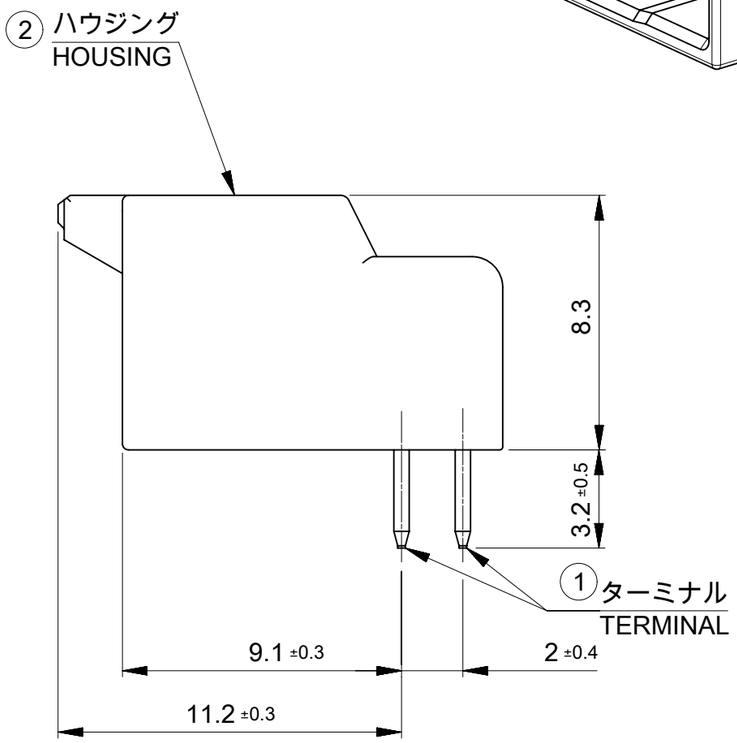








9.2	38	42	40
9.2	36	40	38
9.2	34	38	36
9.2	32	36	34
9.2	30	34	32
9.2	28	32	30
9.2	26	30	28
9.2	24	28	26
9.2	22	26	24
9.2	20	24	22
9.2	18	22	20
9.2	16	20	18
9.2	14	18	16
9.2	12	16	14
9.2	10	14	12
7.3	8	12	10
C	B	A	極数 CIRCUIT SIZE

△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	

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

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DIMENSION UNITS: mm | SCALE: 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 2022/09/06
CHK'D: SAKIYAMA 2022/11/21
APPR: AIDA 2022/11/21

INITIAL REVISION:
DRWN: SNAKAMURA08 2019/10/08
APPR: KOMURAKAMI 2020/03/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 208659

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	1 OF 4

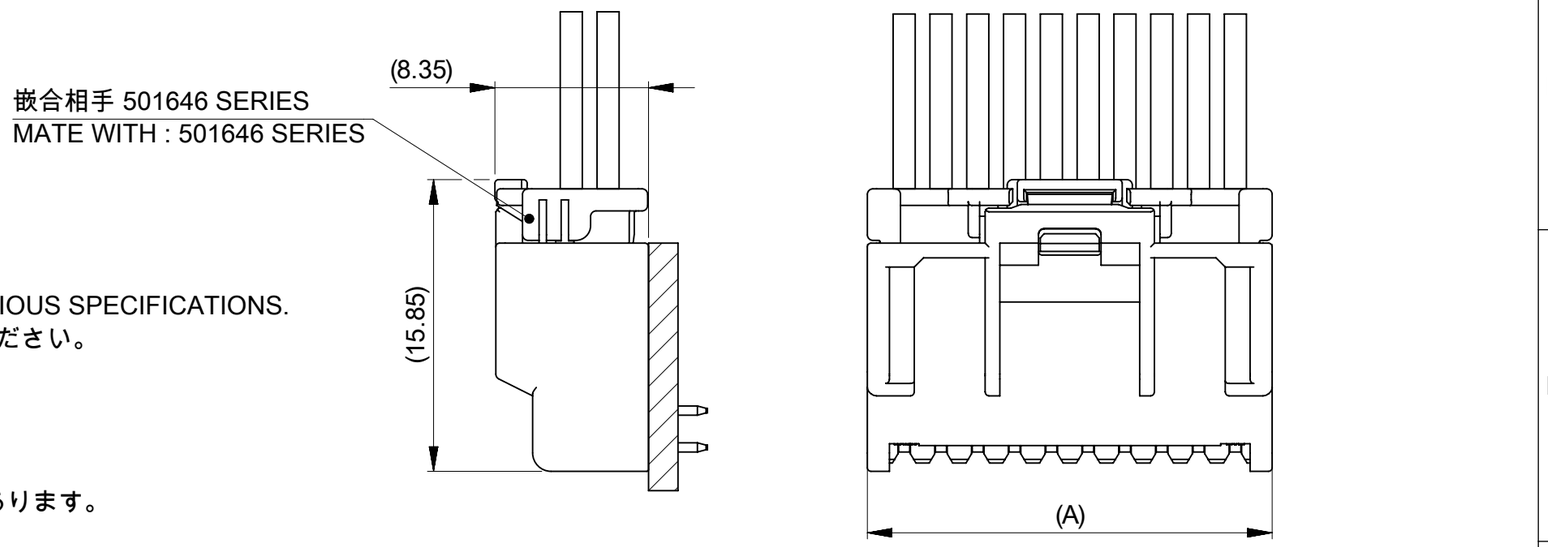
FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

NOTES.

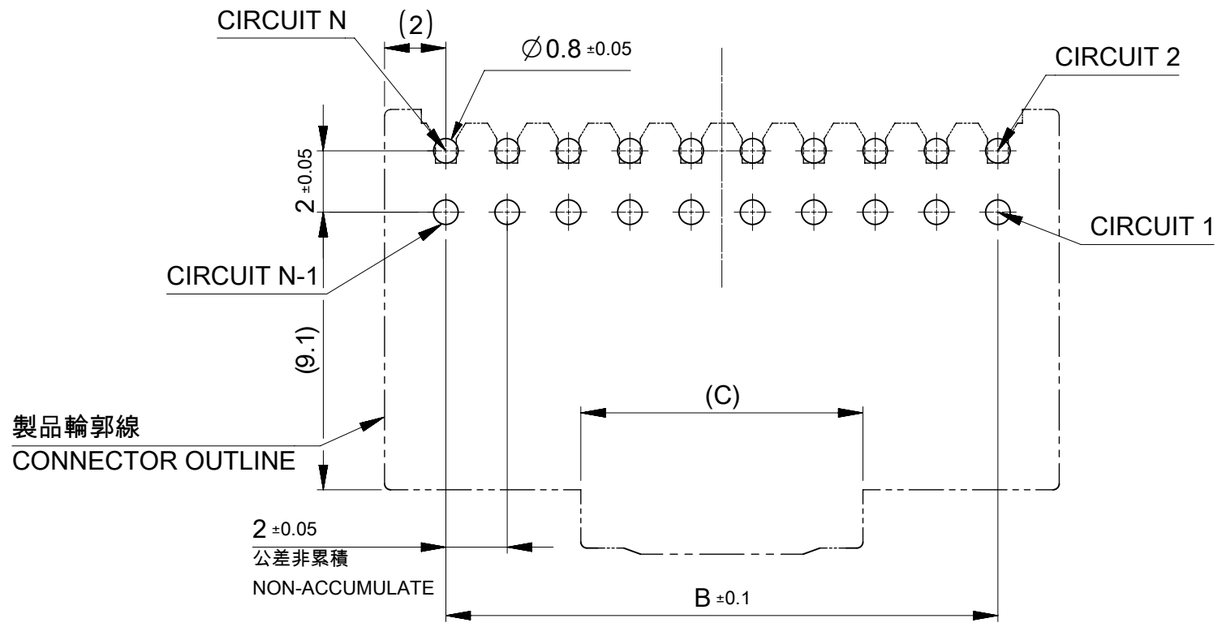
1. 材料及び仕上げ(めっき仕様) : TABLE 1 参照
   MATERIAL AND FINISHES : SEE TABLE 1
2. 適用製品及び各種仕様書はSHEET 3を御参照ください。
   PLEASE REFER TO SHEET 3 ABOUT APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS.
3. 本製品は金めっき品です。錫めっき品は5018760000-SD/PSD/000を御参照ください。
   THIS PRODUCT IS A GOLD PLATING. FOR TIN PLATING PRODUCT,
   PLEASE 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: mm	SCALE: NTS	CURRENT REV DESC: REVISED	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			IGRID 2.0 WIRE TO BOARD RIGHT ANGLE TH PLUG ASSEMBLY GOLD PLATING
ANGULAR TOL ± 3.0 °		EC NO: 721018	PRODUCT CUSTOMER DRAWING
4 PLACES ± 0.2		DRWN: HHUSSIN 2022/09/06	DOCUMENT NUMBER: 2086590000-SD; DOC TYPE: PSD; DOC PART: 000; REVISION: B
3 PLACES ± 0.2		CHK'D: SAKIYAMA 2022/11/21	
2 PLACES ± 0.2		APPR: AIDA 2022/11/21	
1 PLACE ± 0.2		INITIAL REVISION:	
0 PLACES ± 0.2		DRWN: SNAKAMURA08 2019/10/08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: KOMURAKAMI 2020/03/18	THIRD ANGLE PROJECTION; DRAWING: A3-SIZE; SERIES: 208659; MATERIAL NUMBER: SEE CHART; CUSTOMER: GENERAL; SHEET NUMBER: 2 OF 4

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

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

△3 適用製品及び各種仕様書
APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

	PART NUMBER	DOCUMENT NUMBER
梱包仕様書 PACKAGING SPECIFICATION	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	mm
SCALE	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
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CHK'D: SAKIYAMA 2022/11/21
APPR: AIDA 2022/11/21

INITIAL REVISION:
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APPR: KOMURAKAMI 2020/03/18

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

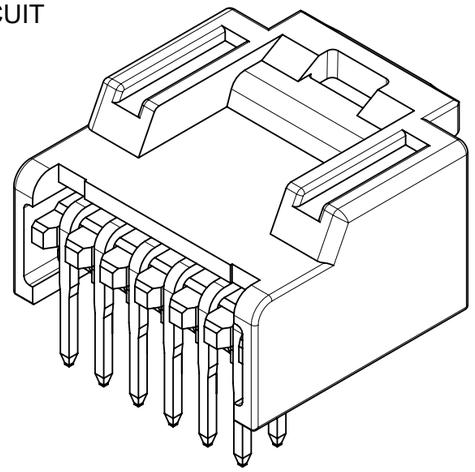
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	208659	SEE CHART	GENERAL	3 OF 4

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

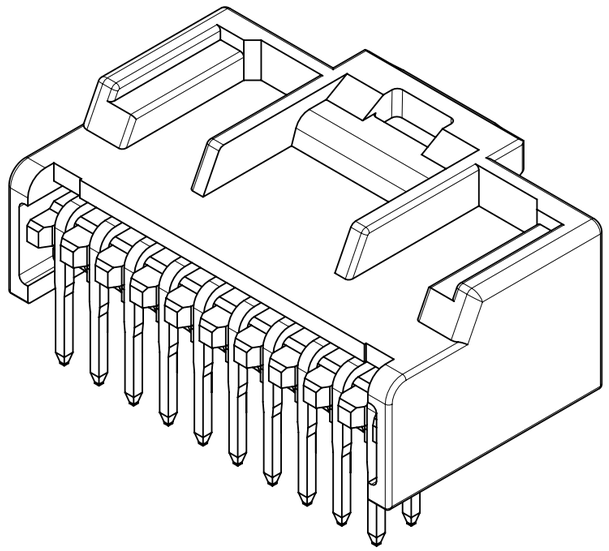
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

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	3670	3661	3660	3641	3640	36
3471	3470	3461	3460	3441	3440	34
3271	3270	3261	3260	3241	3240	32
3071	3070	3061	3060	3041	3040	30
2871	2870	2861	2860	2841	2840	28
2671	2670	2661	2660	2641	2640	26
2471	2470	2461	2460	2441	2440	24
2271	2270	2261	2260	2241	2240	22
2071	2070	2061	2060	2041	2040	20
1871	1870	1861	1860	1841	1840	18
1671	1670	1661	1660	1641	1640	16
1471	1470	1461	1460	1441	1440	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

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
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2 PLACES	± 0.2
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0 PLACES	± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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EC NO: 721018
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INITIAL REVISION:
DRWN: SNAKAMURA08 2019/10/08
APPR: KOMURAKAMI 2020/03/18

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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

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	208659	SEE CHART	GENERAL	4 OF 4

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

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

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190670071 190690096 190990010 417920538 444280402 447641402