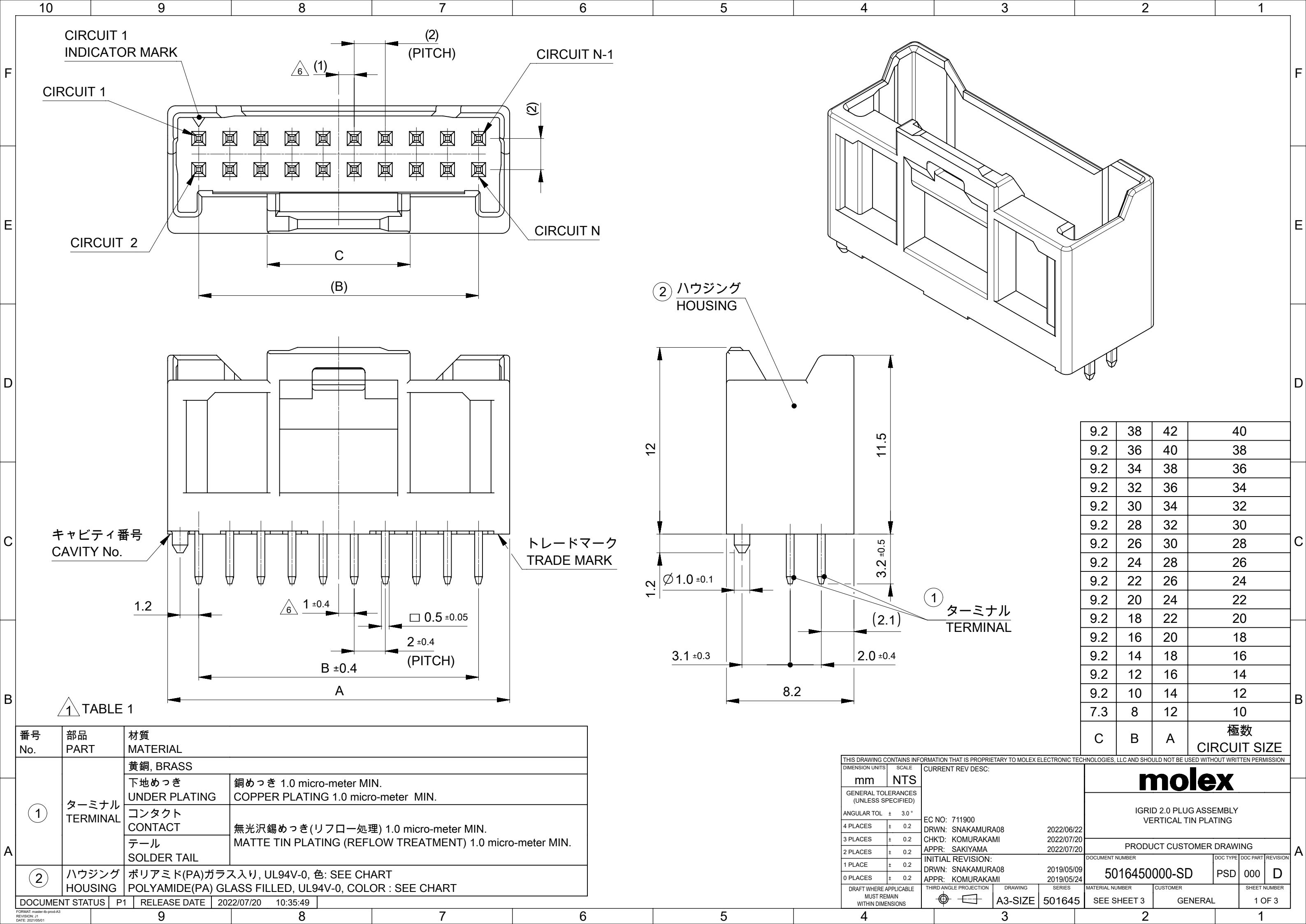




番号 No.	部品 PART	材質 MATERIAL	
①	ターミナル TERMINAL	黄銅, BRASS	
		下地めっき UNDER PLATING	銅めっき 1.0 micro-meter MIN. COPPER PLATING 1.0 micro-meter MIN.
		コンタクト CONTACT	無光沢錫めっき(リフロー処理) 1.0 micro-meter MIN. MATTE TIN PLATING (REFLOW TREATMENT) 1.0 micro-meter MIN.
		テール SOLDER TAIL	
②	ハウジング HOUSING	ポリアミド(PA)ガラス入り, UL94V-0, 色: SEE CHART POLYAMIDE(PA) GLASS FILLED, UL94V-0, COLOR : SEE CHART	

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20	10:35:49
-----------------	----	--------------	------------	----------

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: EC NO: 711900 DRWN: SNAKAMURA08 2022/06/22 CHK'D: KOMURAKAMI 2022/07/20 APPR: SAKIYAMA 2022/07/20 INITIAL REVISION: DRWN: SNAKAMURA08 2019/05/09 APPR: KOMURAKAMI 2019/05/24		molex IGRID 2.0 PLUG ASSEMBLY VERTICAL TIN PLATING			
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 3.0 °				PRODUCT CUSTOMER DRAWING			
4 PLACES		± 0.2				DOCUMENT NUMBER		DOC TYPE	
3 PLACES		± 0.2		5016450000-SD		PSD		000	D
2 PLACES		± 0.2							
1 PLACE		± 0.2							
0 PLACES		± 0.2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A3-SIZE		501645	
						SEE SHEET 3		GENERAL	
								1 OF 3	

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

製品仕様書 : PS-501646-001
PRODUCT SPECIFICATION:PS-501646-001
- 3

嵌合相手:
MATES WITH:
- | | | |
|-----------------------------------|---|---------------|
| リセプタクルハウジング
RECEPTACLE HOUSING | 501646 SERIES | |
| 圧着端子
RECEPTACLE CRIMP TERMINAL | AWG #22-26 錫めっき
AWG #22-26 TIN PLATING | 501647 SERIES |
| | AWG #26-28 錫めっき
AWG #26-28 TIN PLATING | 501648 SERIES |
- 4

アプリケーション仕様書(コネクタ取扱い説明書) : 5016460000 PS A01
APPLICATION SPECIFICATION(CONNECTOR MANNUAL): 5016460000 PS A01
- 5

本製品は錫めっき品です。
THIS PRODUCT IS A TIN PLATING.
- 6

極数/2 = 偶数に適応
APPLY FOR CIRCUIT SIZE / 2 =EVEN
- 7

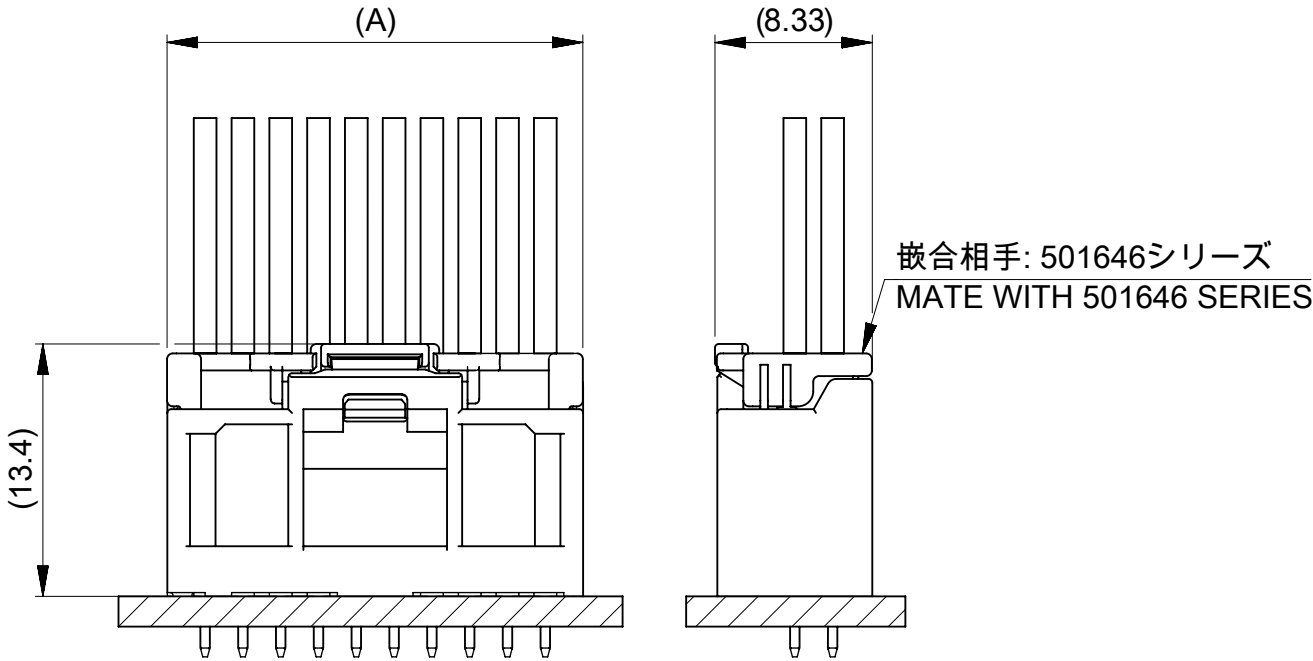
ターミナルに錫めっきを使用している為、外観に摺動痕が付く場合があります。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR TERMINAL.
- 8

梱包仕様書: SPK-501645-001
PACKING INFORMATION : SPK-501645-001
- 9

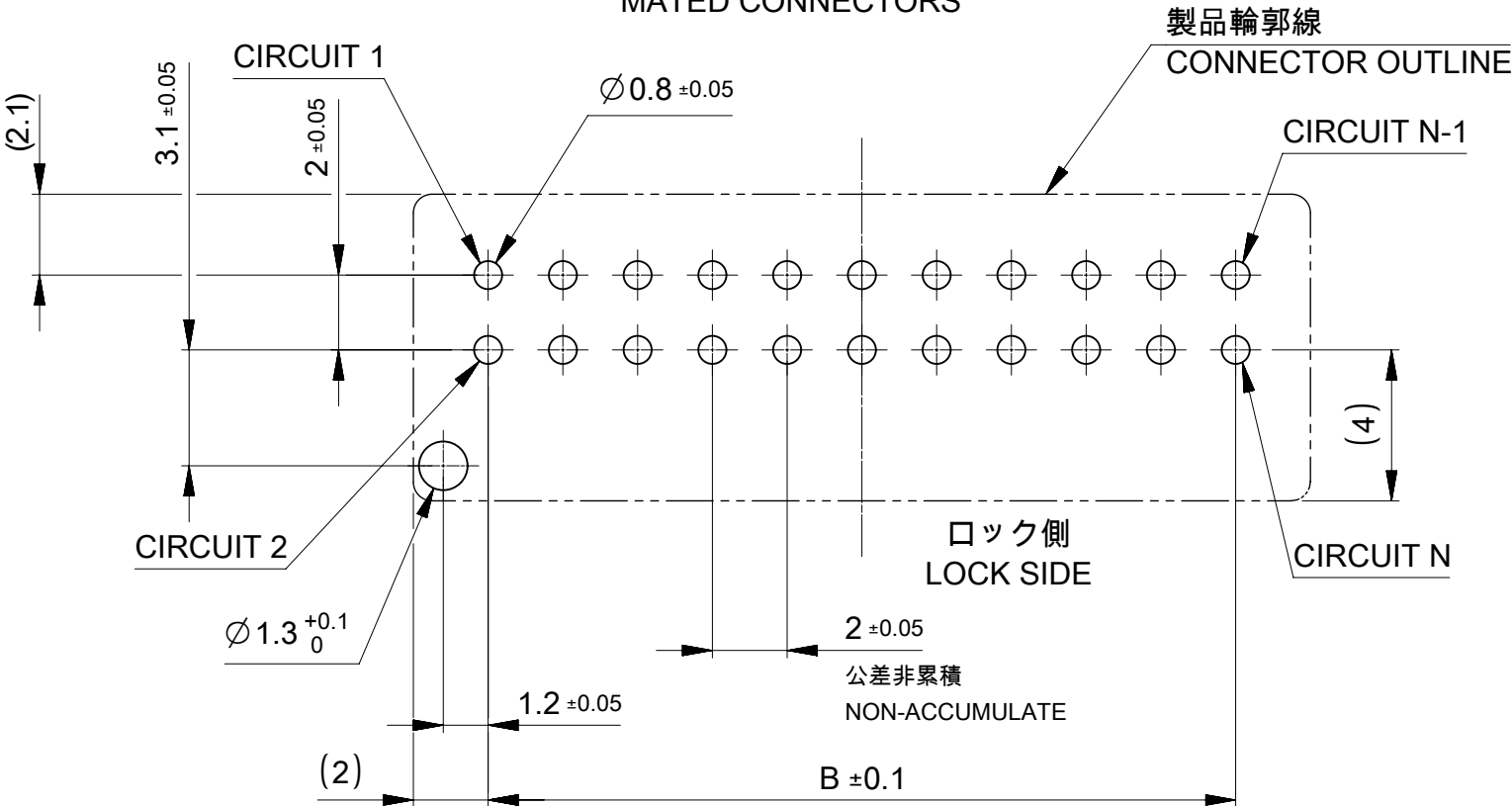
発注番号 : SHEET 3 参照
ORDER No. : PLEASE REFER TO SHEET 3 FOR PRODUCT LIST

501645 **2*

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR
	0:ナチュラル NATURAL
	1:黒 BLACK
	2:赤 RED
	4:青 BLUE
	6:緑 GREEN



嵌合状態図
MATED CONNECTORS



基板取付穴推奨寸法(マウント面)

POLARIZED RECOMMENDED PCB LAYOUT HOLE DIMENSION (MOUNTING SIDE)

参考基板厚 t=1.2~1.6

REFERENCE 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:				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				IGRID 2.0 PLUG ASSEMBLY VERTICAL TIN PLATING							
ANGULAR TOL ± 3.0 °											
4 PLACES ± 0.2				EC NO: 711900		PRODUCT CUSTOMER DRAWING					
3 PLACES ± 0.2				DRWN: SNAKAMURA08 2022/06/22							
2 PLACES ± 0.2				CHK'D: KOMURAKAMI 2022/07/20							
1 PLACE ± 0.2				APPR: SAKIYAMA 2022/07/20		DOCUMENT NUMBER 5016450000-SD					
0 PLACES ± 0.2				INITIAL REVISION:						DOC TYPE PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: SNAKAMURA08 2019/05/09		MATERIAL NUMBER SEE SHEET 3		CUSTOMER GENERAL		SHEET NUMBER 2 OF 3	
				APPR: KOMURAKAMI 2019/05/24							
THIRD ANGLE PROJECTION				DRAWING		SERIES					
				A3-SIZE		501645					

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20	10:35:49
-----------------	----	--------------	------------	----------

10	9	8	7	6	5	4	3	2	1																																																																																																						
F																																																																																																															
E																																																																																																															
D																																																																																																															
C																																																																																																															
B																																																																																																															
A																																																																																																															
製品形状 PRODUCT SHAPE 10, 12極 10, 12CIRCUIT 14 - 40 極 14 - 40 CIRCUIT																																																																																																															
△₉ 製品一覧 PRODUCT LIST <table><thead><tr><th>緑: GREEN</th><th>青: BULE</th><th>赤: RED</th><th>黒 : BLACK</th><th>ナチュラル NATURAL</th><th>HOUSING COLOR</th></tr></thead><tbody><tr><td>501645 4026</td><td>501645 4024</td><td>501645 4022</td><td>501645 4021</td><td>501645 4020</td><td>40</td></tr><tr><td>↑ 3826</td><td>↑ 3824</td><td>↑ 3822</td><td>↑ 3821</td><td>↑ 3820</td><td>38</td></tr><tr><td>3626</td><td>3624</td><td>3622</td><td>3621</td><td>3620</td><td>36</td></tr><tr><td>3426</td><td>3424</td><td>3422</td><td>3421</td><td>3420</td><td>34</td></tr><tr><td>3226</td><td>3224</td><td>3222</td><td>3221</td><td>3220</td><td>32</td></tr><tr><td>3026</td><td>3024</td><td>3022</td><td>3021</td><td>3020</td><td>30</td></tr><tr><td>2826</td><td>2824</td><td>2822</td><td>2821</td><td>2820</td><td>28</td></tr><tr><td>2626</td><td>2624</td><td>2622</td><td>2621</td><td>2620</td><td>26</td></tr><tr><td>2426</td><td>2424</td><td>2422</td><td>2421</td><td>2420</td><td>24</td></tr><tr><td>2226</td><td>2224</td><td>2222</td><td>2221</td><td>2220</td><td>22</td></tr><tr><td>2026</td><td>2024</td><td>2022</td><td>2021</td><td>2020</td><td>20</td></tr><tr><td>1826</td><td>1824</td><td>1822</td><td>1821</td><td>1820</td><td>18</td></tr><tr><td>1626</td><td>1624</td><td>1622</td><td>1621</td><td>1620</td><td>16</td></tr><tr><td>↓ 1426</td><td>↓ 1424</td><td>↓ 1422</td><td>↓ 1421</td><td>↓ 1420</td><td>14</td></tr><tr><td>1226</td><td>1224</td><td>1222</td><td>1221</td><td>1220</td><td>12</td></tr><tr><td>501645 1026</td><td>501645 1024</td><td>501645 1022</td><td>501645 1021</td><td>501645 1020</td><td>10</td></tr></tbody></table> 発注番号 ORDER No. 極数 PACKAGING STYLE : TRAY CIRCUIT SIZE										緑: GREEN	青: BULE	赤: RED	黒 : BLACK	ナチュラル NATURAL	HOUSING COLOR	501645 4026	501645 4024	501645 4022	501645 4021	501645 4020	40	↑ 3826	↑ 3824	↑ 3822	↑ 3821	↑ 3820	38	3626	3624	3622	3621	3620	36	3426	3424	3422	3421	3420	34	3226	3224	3222	3221	3220	32	3026	3024	3022	3021	3020	30	2826	2824	2822	2821	2820	28	2626	2624	2622	2621	2620	26	2426	2424	2422	2421	2420	24	2226	2224	2222	2221	2220	22	2026	2024	2022	2021	2020	20	1826	1824	1822	1821	1820	18	1626	1624	1622	1621	1620	16	↓ 1426	↓ 1424	↓ 1422	↓ 1421	↓ 1420	14	1226	1224	1222	1221	1220	12	501645 1026	501645 1024	501645 1022	501645 1021	501645 1020	10
緑: GREEN	青: BULE	赤: RED	黒 : BLACK	ナチュラル NATURAL	HOUSING COLOR																																																																																																										
501645 4026	501645 4024	501645 4022	501645 4021	501645 4020	40																																																																																																										
↑ 3826	↑ 3824	↑ 3822	↑ 3821	↑ 3820	38																																																																																																										
3626	3624	3622	3621	3620	36																																																																																																										
3426	3424	3422	3421	3420	34																																																																																																										
3226	3224	3222	3221	3220	32																																																																																																										
3026	3024	3022	3021	3020	30																																																																																																										
2826	2824	2822	2821	2820	28																																																																																																										
2626	2624	2622	2621	2620	26																																																																																																										
2426	2424	2422	2421	2420	24																																																																																																										
2226	2224	2222	2221	2220	22																																																																																																										
2026	2024	2022	2021	2020	20																																																																																																										
1826	1824	1822	1821	1820	18																																																																																																										
1626	1624	1622	1621	1620	16																																																																																																										
↓ 1426	↓ 1424	↓ 1422	↓ 1421	↓ 1420	14																																																																																																										
1226	1224	1222	1221	1220	12																																																																																																										
501645 1026	501645 1024	501645 1022	501645 1021	501645 1020	10																																																																																																										
<table><tr><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td>DIMENSION UNITS mm</td><td>SCALE NTS</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td>ANGULAR TOL</td><td>± 3.0 °</td></tr><tr><td>4 PLACES</td><td>± 0.2</td></tr><tr><td>3 PLACES</td><td>± 0.2</td></tr><tr><td>2 PLACES</td><td>± 0.2</td></tr><tr><td>1 PLACE</td><td>± 0.2</td></tr><tr><td>0 PLACES</td><td>± 0.2</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table> <table><tr><td colspan="2">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="2"></td><td>A3-SIZE</td><td>501645</td><td>SEE CHART</td><td>GENERAL</td><td>3 OF 3</td></tr></table> <table><tr><td colspan="2">CURRENT REV DESC:</td><td colspan="2">EC NO: 711900</td><td colspan="2">2022/06/22</td></tr><tr><td colspan="2">DRWN: SNAKAMURA08</td><td colspan="2">2022/07/20</td><td colspan="2">2022/07/20</td></tr><tr><td colspan="2">CHK'D: KOMURAKAMI</td><td colspan="2">2022/07/20</td><td colspan="2">2022/07/20</td></tr><tr><td colspan="2">APPR: SAKIYAMA</td><td colspan="2">2022/07/20</td><td colspan="2">2022/07/20</td></tr><tr><td colspan="2">INITIAL REVISION:</td><td colspan="2">2019/05/09</td><td colspan="2">2019/05/24</td></tr><tr><td colspan="2">DRWN: SNAKAMURA08</td><td colspan="2">2019/05/24</td><td colspan="2">2019/05/24</td></tr><tr><td colspan="2">APPR: KOMURAKAMI</td><td colspan="2">2019/05/24</td><td colspan="2">2019/05/24</td></tr></table> <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">5016450000-SD</td><td>PSD</td><td>000</td><td>D</td></tr></table> IGRID 2.0 PLUG ASSEMBLY VERTICAL TIN PLATING PRODUCT CUSTOMER DRAWING										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	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	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			A3-SIZE	501645	SEE CHART	GENERAL	3 OF 3	CURRENT REV DESC:		EC NO: 711900		2022/06/22		DRWN: SNAKAMURA08		2022/07/20		2022/07/20		CHK'D: KOMURAKAMI		2022/07/20		2022/07/20		APPR: SAKIYAMA		2022/07/20		2022/07/20		INITIAL REVISION:		2019/05/09		2019/05/24		DRWN: SNAKAMURA08		2019/05/24		2019/05/24		APPR: KOMURAKAMI		2019/05/24		2019/05/24		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	5016450000-SD		PSD	000	D																
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																																																																																																														
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	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																																																																																																									
		A3-SIZE	501645	SEE CHART	GENERAL	3 OF 3																																																																																																									
CURRENT REV DESC:		EC NO: 711900		2022/06/22																																																																																																											
DRWN: SNAKAMURA08		2022/07/20		2022/07/20																																																																																																											
CHK'D: KOMURAKAMI		2022/07/20		2022/07/20																																																																																																											
APPR: SAKIYAMA		2022/07/20		2022/07/20																																																																																																											
INITIAL REVISION:		2019/05/09		2019/05/24																																																																																																											
DRWN: SNAKAMURA08		2019/05/24		2019/05/24																																																																																																											
APPR: KOMURAKAMI		2019/05/24		2019/05/24																																																																																																											
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION																																																																																																											
5016450000-SD		PSD	000	D																																																																																																											
<table><tr><td>DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2022/07/20</td><td>10:35:49</td></tr></table> FORMAT: master-b-prod-A3 REVISION: J1 DATE: 2021/05/01 987654321										DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20	10:35:49																																																																																																	
DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20	10:35:49																																																																																																											