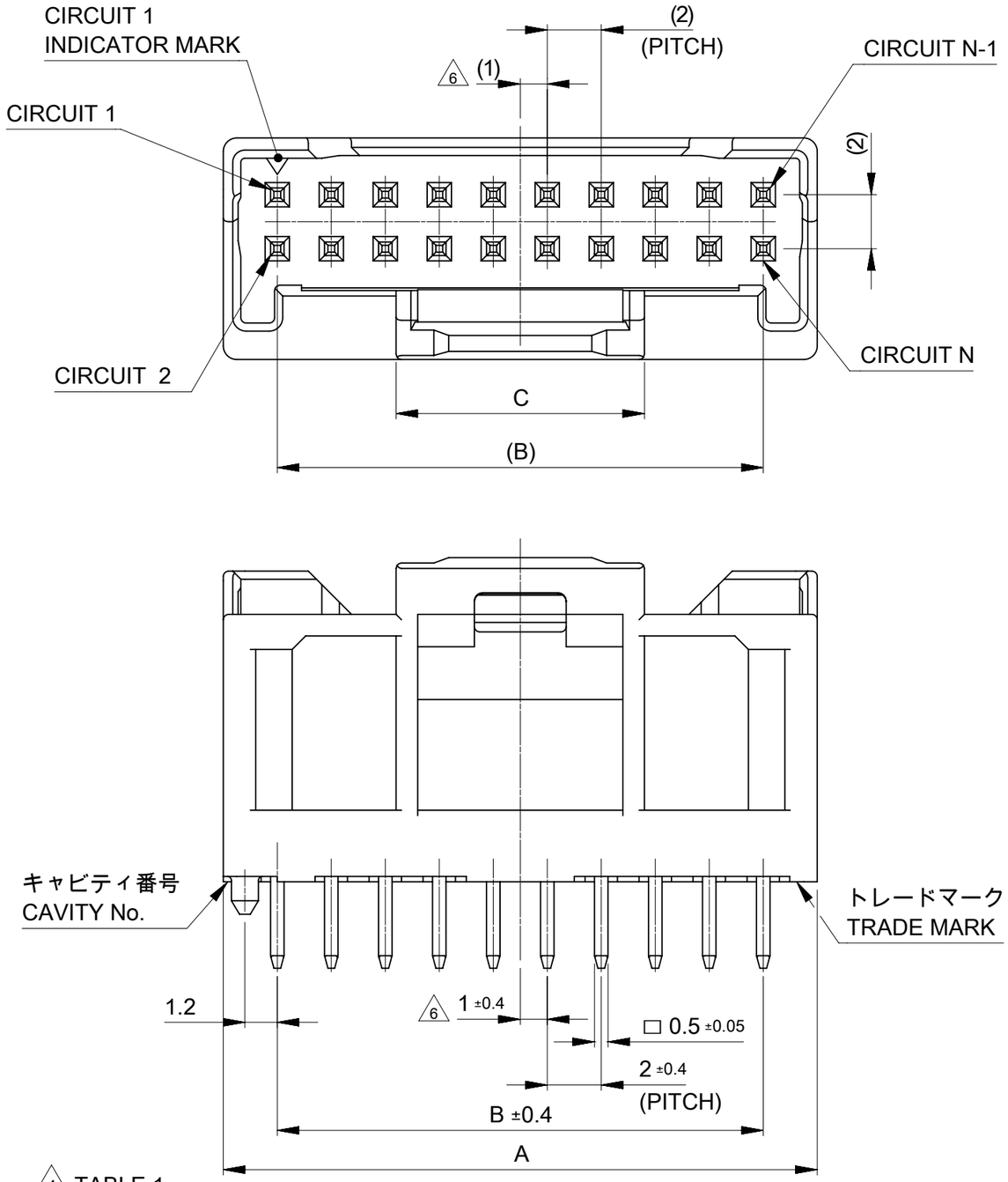
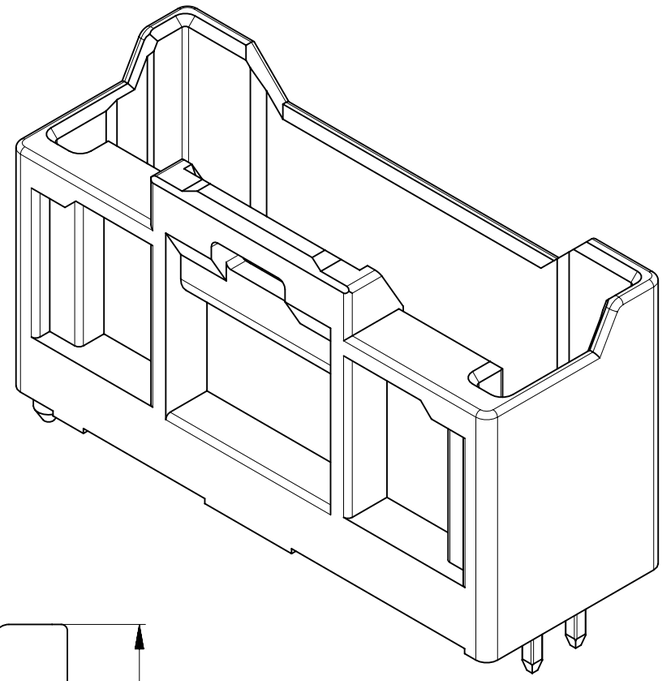
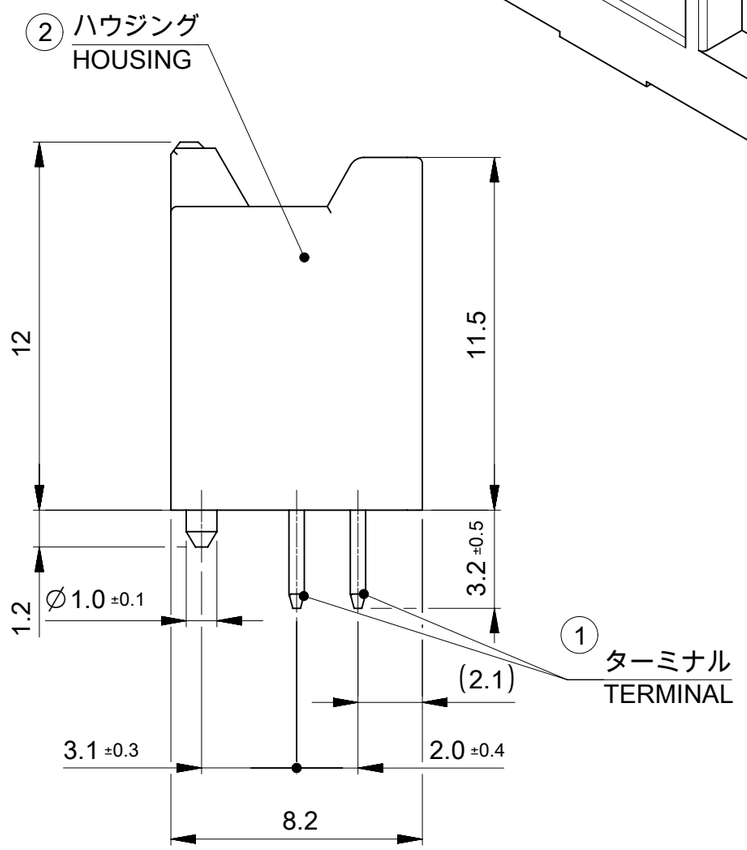





| C | B | A | 極数 CIRCUIT SIZE |
|---|---|---|---|
| 9.2 | 38 | 42 | 40 |
| 9.2 | 36 | 40 | 38 |
| 9.2 | 34 | 38 | 36 |
| 9.2 | 32 | 36 | 34 |
| 9.2 | 30 | 34 | 32 |
| 9.2 | 28 | 32 | 30 |
| 9.2 | 26 | 30 | 28 |
| 9.2 | 24 | 28 | 26 |
| 9.2 | 22 | 26 | 24 |
| 9.2 | 20 | 24 | 22 |
| 9.2 | 18 | 22 | 20 |
| 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 |

| 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<br>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<br>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<br>POLYAMIDE(PA) GLASS FILLED, UL94V-0, COLOR : SEE CHART | |

DOCUMENT STATUS | P1 | RELEASE DATE | 2023/07/07 04:35:51

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| 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:

EC NO: 755147
DRWN: SNAKAMURA08 2023/06/27
CHK'D: MARAI 2023/07/07
APPR: AIDA 2023/07/07

INITIAL REVISION:
DRWN: SNAKAMURA08 2019/05/09
APPR: KOMURAKAMI 2019/05/24

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501645

molex

IGRID 2.0 PLUG ASSEMBLY
VERTICAL TIN PLATING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 5016450000-SD | PSD | 000 | F |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3 | GENERAL | 1 OF 3 |

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

## NOTES.

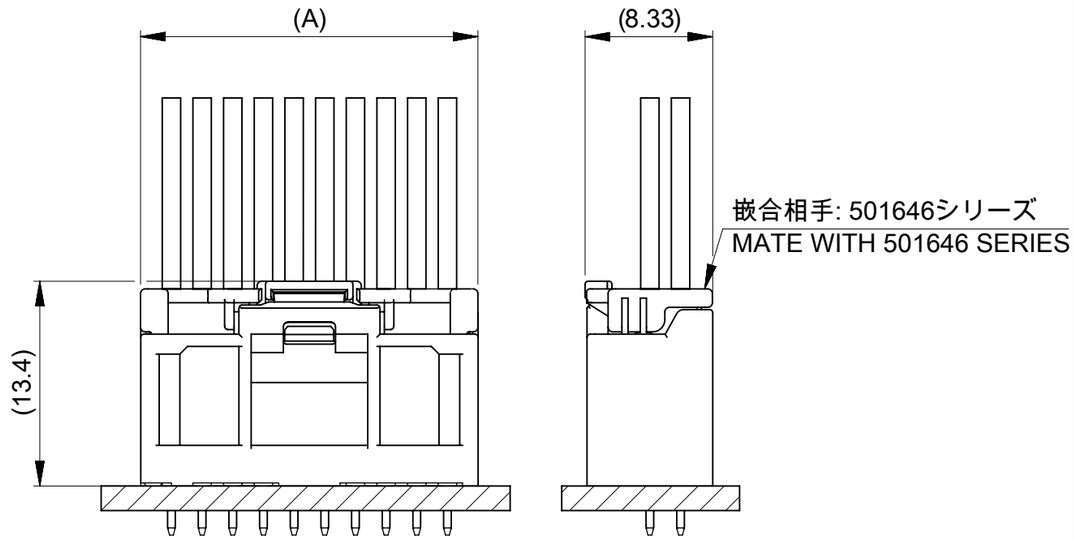
1. 材料及び仕上げ(めっき仕様)：TABLE 1 参照
   MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書：PS-501646-001
   PRODUCT SPECIFICATION:PS-501646-001
3. 嵌合相手:
   MATES WITH:

| リセプタクルハウジング<br>RECEPTACLE HOUSING | 501646 SERIES | |
|---|---|---|
| 圧着端子<br>RECEPTACLE CRIMP TERMINAL | AWG #22-26 錫めっき<br>AWG #22-26 TIN PLATING | 501647 SERIES |
| | AWG #26-28 錫めっき<br>AWG #26-28 TIN PLATING | 501648 SERIES |

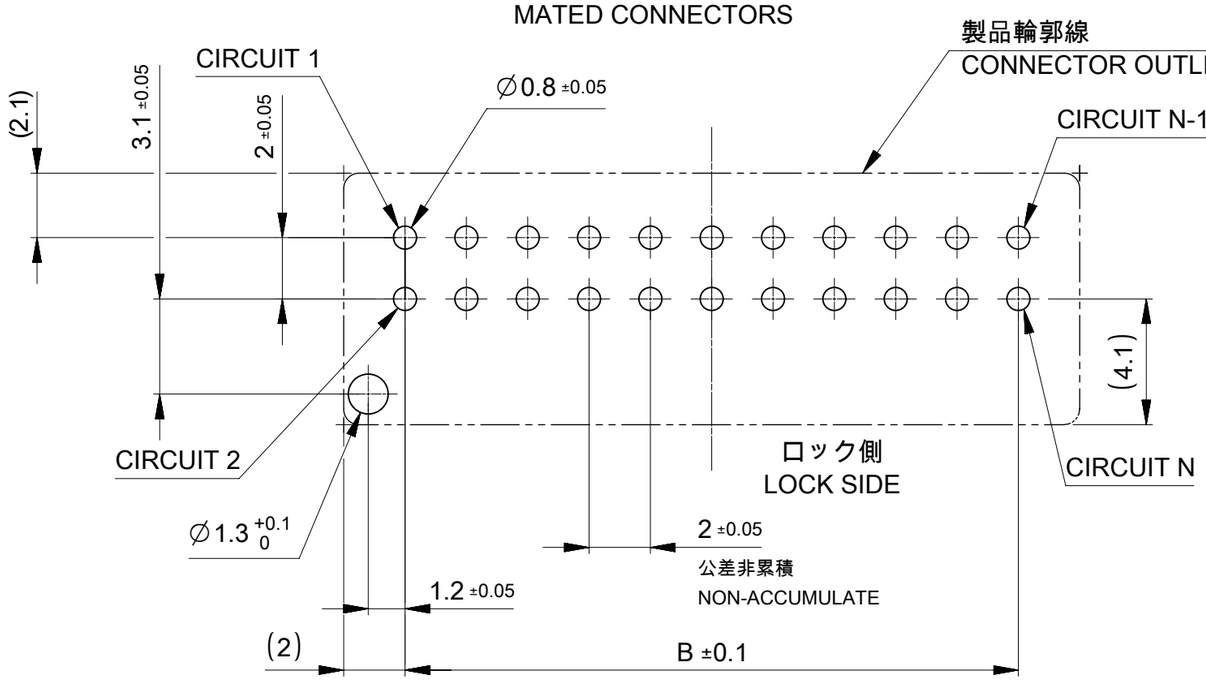
4. アプリケーション仕様書(コネクタ取扱い説明書)：5016460000 PS A01
   APPLICATION SPECIFICATION(CONNECTOR MANNUAL): 5016460000 PS A01
5. 本製品は錫めっき品です。
   THIS PRODUCT IS A TIN PLATING.
6. 極数/2 = 偶数に適応
   APPLY FOR CIRCUIT SIZE / 2 =EVEN
7. ターミナルに錫めっきを使用している為、外観に摺動痕が付く場合があります。
   THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
   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<br>CIRCUIT SIZE | ハウジングカラー<br>HOUSING COLOR |
|---|---|
| | 0:ナチュラル NATURAL<br>(白 WHITE) |
| | 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

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GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
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| 2 PLACES | ± | 0.2 |
| 1 PLACE | ± | 0.2 |
| 0 PLACES | ± | 0.2 |

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INITIAL REVISION:
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IGRID 2.0 PLUG ASSEMBLY
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PRODUCT CUSTOMER DRAWING

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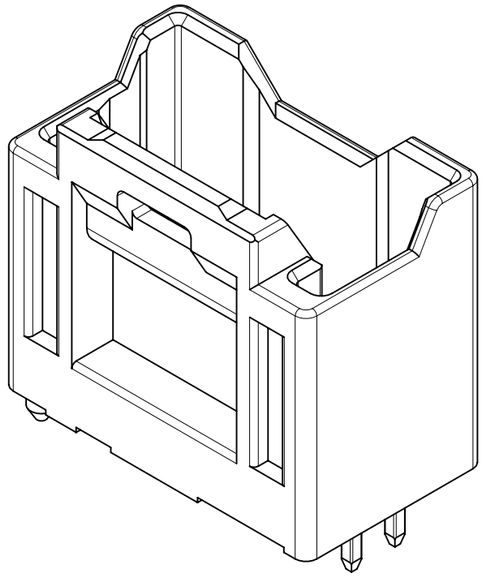
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 501645 | SEE SHEET 3 | GENERAL | 2 OF 3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/07/07 04:35:51 |
|---|---|---|---|

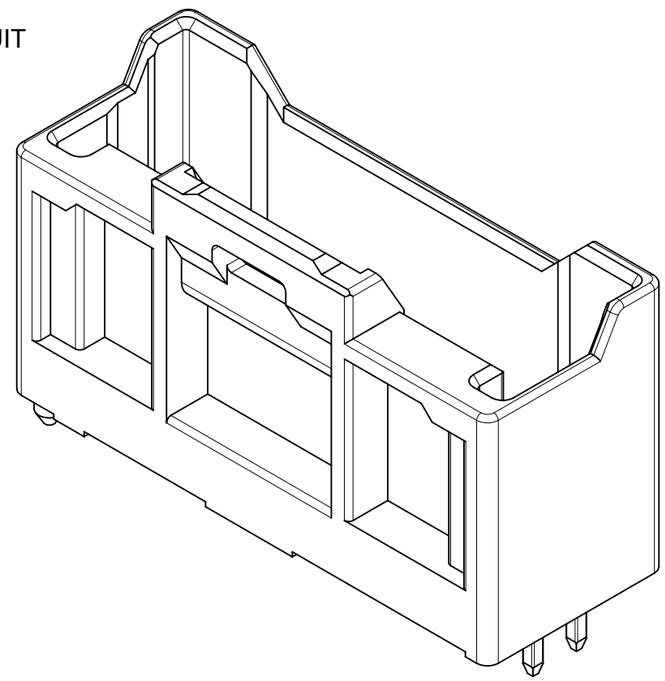
FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

## 製品形状
## PRODUCT SHAPE

10, 12極
10, 12CIRCUIT



14 - 40 極
14 - 40 CIRCUIT



## △9 製品一覧 PRODUCT LIST

| 緑: GREEN | 青: BULE | 赤: RED | 黒 : BLACK | ナチュラル : NATURAL (白 : WHITE) | 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 |
| 発注番号 ORDER No. | | | | | 極数 |
| PACKAGING STYLE : TRAY | | | | | CIRCUIT SIZE |

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| | | |
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| THIRD ANGLE PROJECTION | DRAWING | SERIES |
|---|---|---|
| | A3-SIZE | 501645 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL | 3 OF 3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/07/07 04:35:51 |
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