

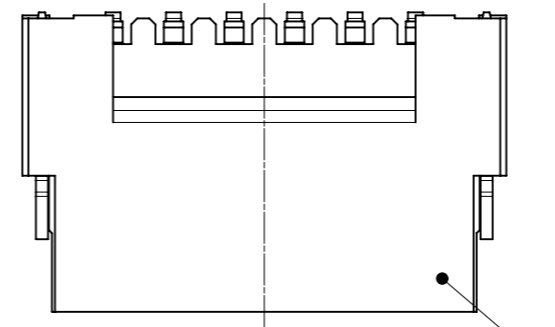
NOTES

- 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 : 2059790000-PS 000  
PRODUCT SPECIFICATION:2059790000-PS 000
- 3. 梱包形態 : SHEET 4 参照  
PACKAGING INFORMATION : SEE SHEET 4
- ④ 嵌合相手 : 205979(ISLタイプ),212724(TPAタイプ) シリーズ  
MATES WITH:205979(ISL TYPE),212724(TPA TYPE) SERIES
- 5. アプリケーション仕様書  
(コネクタ取扱い説明書) : 2059790000-AS 000  
APPLICATION SPECIFICATION  
(CONNECTOR MANUAL):2059790000-AS 000
- 6. 端子テール部及びネイルの平坦度:0.1 MAX  
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX
- ⑦ 極数/2 = 偶数に適応  
APPLY FOR CIRCUIT SIZE / 2 =EVEN
- 8. 端子テール部及びネイルに錫ビスマス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 BISMUTH PLATING IS  
USED FOR THE TAIL AND NAIL.
- 9. 本製品のプラスチック部に黒点・白点等が確認される場合や  
色合いが異なる場合がありますが、製品性能に影響はありません。  
THERE IS NO INFLUENCE IN THE PRODUCT  
PERFORMANCE THOUGH THE BLACK AND WHITE SPOT ETC.  
MIGHT BE CONFIRMED TO THE PLASTIC PART OF  
THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
- 10. この製品は205971のGlow Wire適合バージョンです。  
THIS PRODUCT IS A GLOW WIRE COMPLIANT VERSION OF 205971.
- ⑪ この製品はポッティング可能製品です。  
THIS PRODUCT ALLOWS TO BE POTTING.

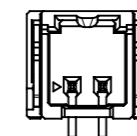
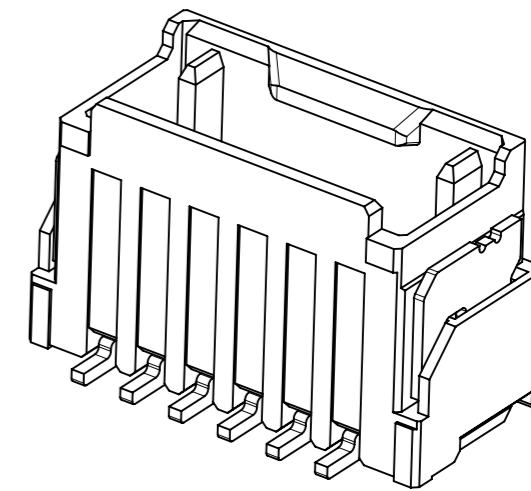
① TABLE 1

| 番号<br>No. | 部品<br>PART        | 材質<br>MATERIAL  |
|-----------|-------------------|---|
| ①         | ハウジング<br>HOUSING  | ポリアミド(PA), UL94V-0, 色 : SEE CHART<br>POLYAMIDE(PA), UL94V-0, COLOR : SEE CHART  |
| ②         | ターミナル<br>TERMINAL | 黄銅<br>BRASS   |
|           |                   | 錫ビスマスめっき : 1.0 micro-meter MIN<br>TIN BISMUTH PLATING(TAIL AREA, CONTACT AREA)<br>ニッケルめっき(下地): 1.0 micro-meter MIN<br>NICKEL(UNDER PLATING) |
| ③         | ネイル<br>NAIL       | 黄銅<br>BRASS   |
|           |                   | 錫めっき : 1.0 micro-meter MIN<br>MATTE TIN PLATING<br>ニッケルめっき(下地): 1.0 micro-meter MIN<br>NICKEL(UNDER PLATING)                                |

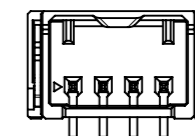
DOCUMENT STATUS P1 RELEASE DATE 2021/04/23 08:14:33



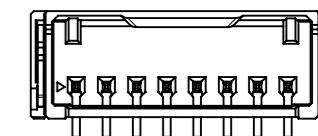
①



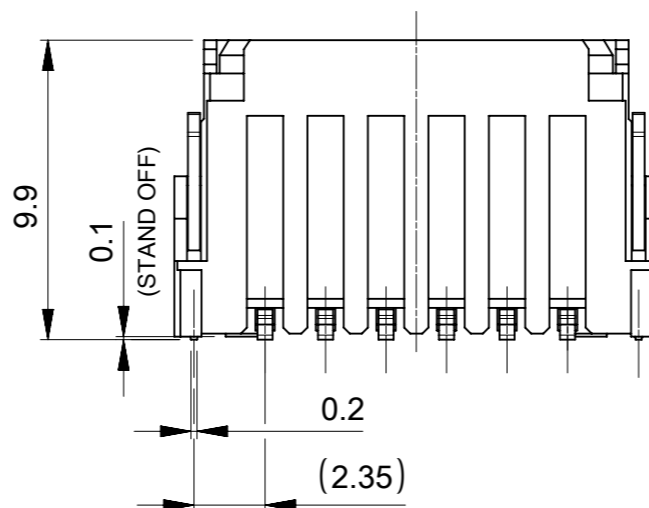
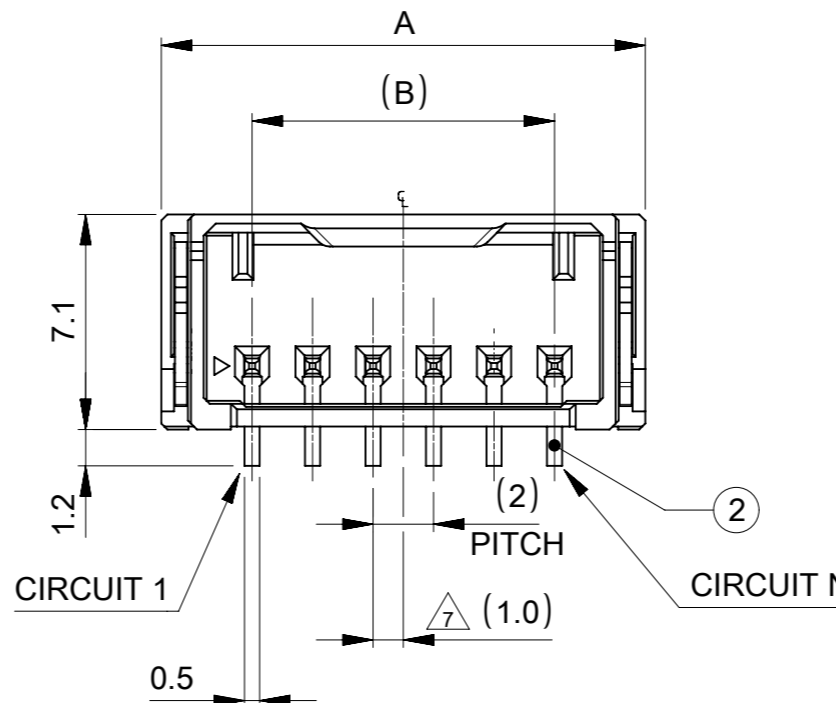
VIEW OF  
2-3 CIRCUIT



VIEW OF  
4-6 CIRCUIT



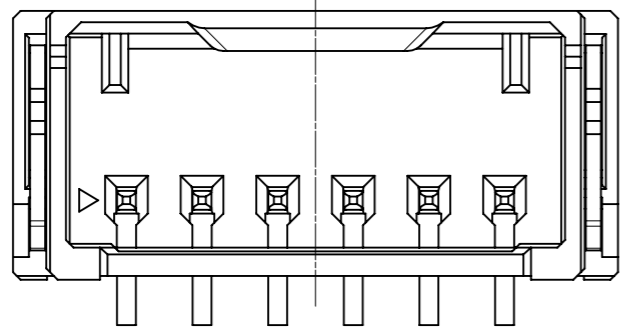
VIEW OF  
7-8 CIRCUIT



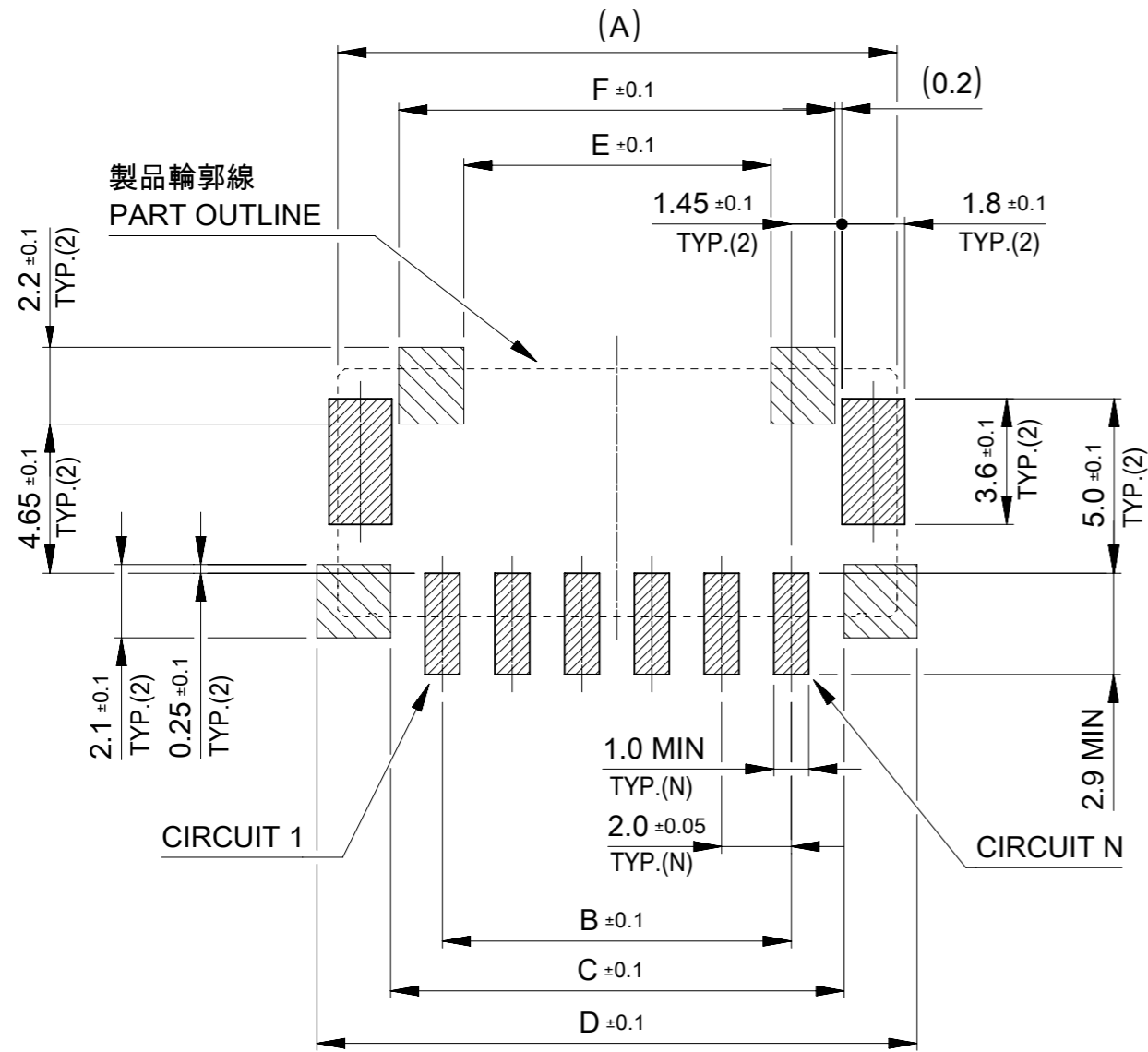
|    |    |                    |
|----|----|--------------------|
| 14 | 20 | 8                  |
| 12 | 18 | 7                  |
| 10 | 16 | 6                  |
| 8  | 14 | 5                  |
| 6  | 12 | 4                  |
| 4  | 10 | 3                  |
| 2  | 8  | 2                  |
| B  | A  | 極数<br>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. | <b>molex</b>  |                 |          |                            |
|--|------------------------|-------------------|---|-----------------|----------|----------------------------|
| mm   | NTS                    |                   | MICRO-ONE 2.0W/B GLOW WIRE TYPE<br>HEADER ASSEMBLY VERTICAL |                 |          |                            |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |                        |                   | PRODUCT CUSTOMER DRAWING                                    |                 |          |                            |
| ANGULAR TOL ± 3.0 °                                  |                        |                   | DOCUMENT NUMBER   |                 |          |                            |
| 4 PLACES ± 0.2                                       | EC NO: 658675          | 2020/12/16        | 2170630000-SD   |                 |          | DOC TYPE DOC PART REVISION |
| 3 PLACES ± 0.2                                       | DRWN: KYAMADA02        | 2021/04/23        |   |                 |          | PSD 000 B                  |
| 2 PLACES ± 0.2                                       | CHK'D: AIDA            | 2021/04/23        |   |                 |          |                            |
| 1 PLACE ± 0.2  | APPR: SAKIYAMA         |                   |   |                 |          |                            |
| 0 PLACES ± 0.2                                       | INITIAL REVISION:      |                   |   |                 |          |                            |
|  | DRWN: KYAMADA02        | 2020/12/04        |   |                 |          |                            |
|  | APPR: SAKIYAMA         | 2020/12/15        |   |                 |          |                            |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING           | SERIES  | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER               |
|  |                        | A3-SIZE           | 217063  | SEE TABLE       | GENERAL  | 1 OF 5                     |



製品レイアウト  
PRODUCT LAYOUT

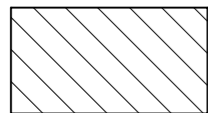


推奨基板レイアウト:実装面側

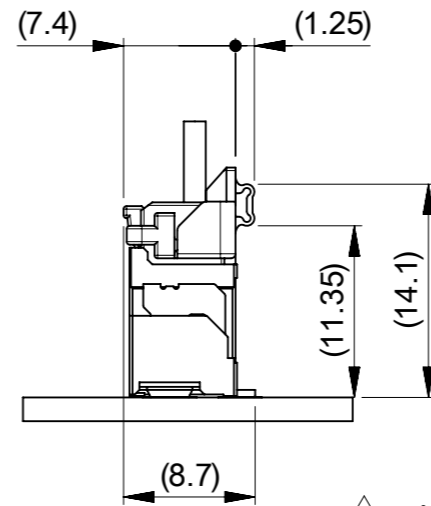
(参考: 基板厚1.6mm, メタルマスク厚0.15mm, マスク開口率100%)

SUGGESTED PCB LAYOUT : COMPONENT SIDE

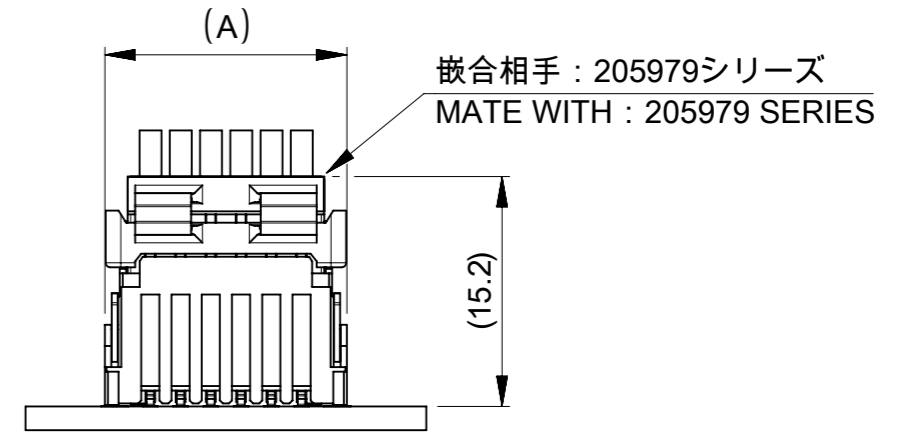
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)



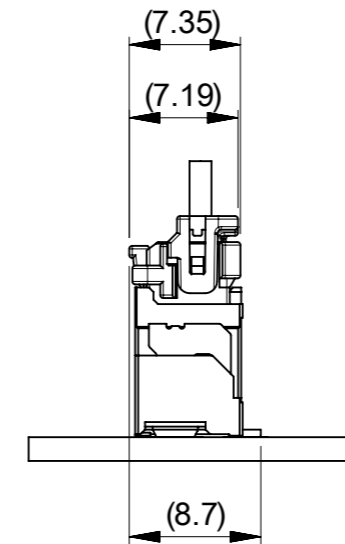
:パターン禁止エリア  
RESTRICTED AREA  
NO PCB COMPONENTS ALLOWED



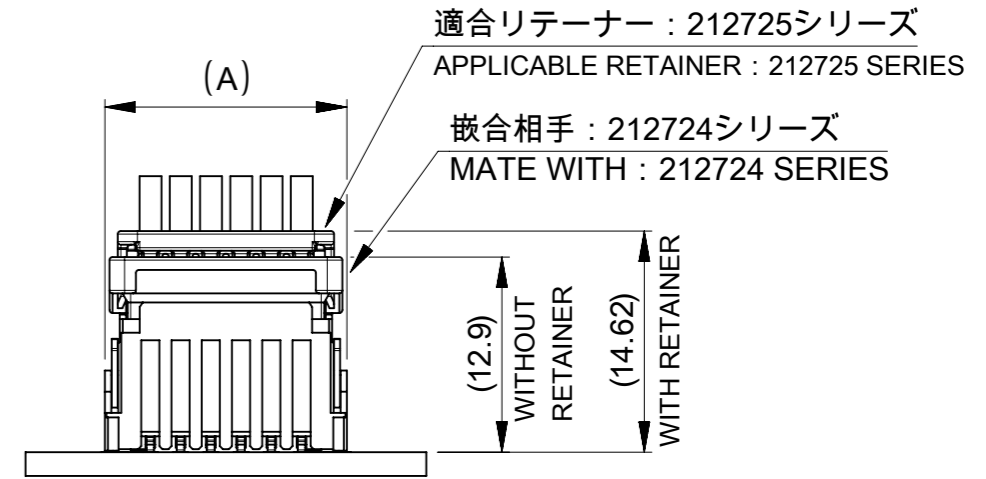
△ ISLタイプ嵌合図  
MATED CONNECTOR OF ISL TYPE



嵌合相手 : 205979シリーズ  
MATE WITH : 205979 SERIES



△ TPAタイプ嵌合図  
MATED CONNECTOR OF TPA TYPE



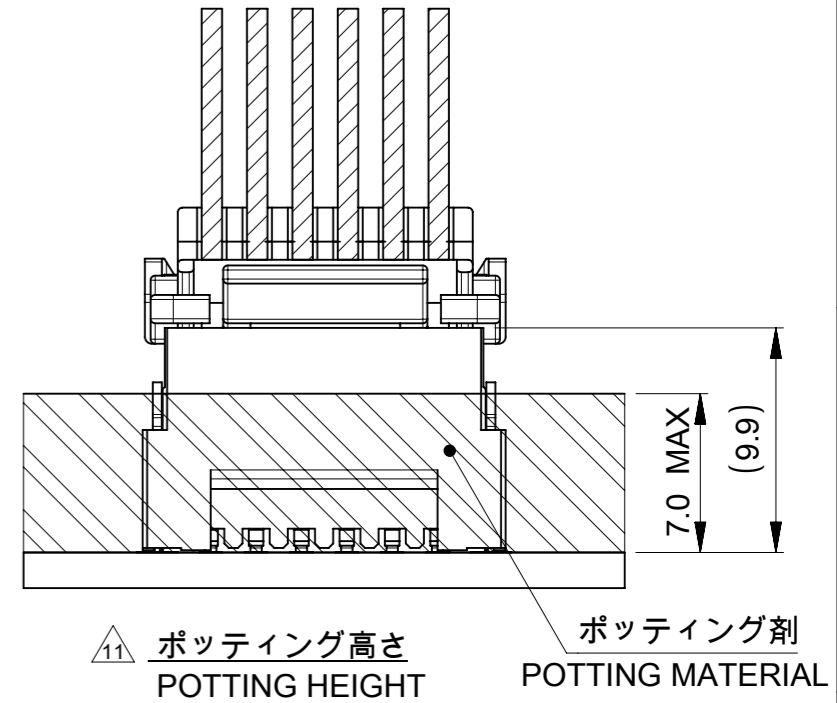
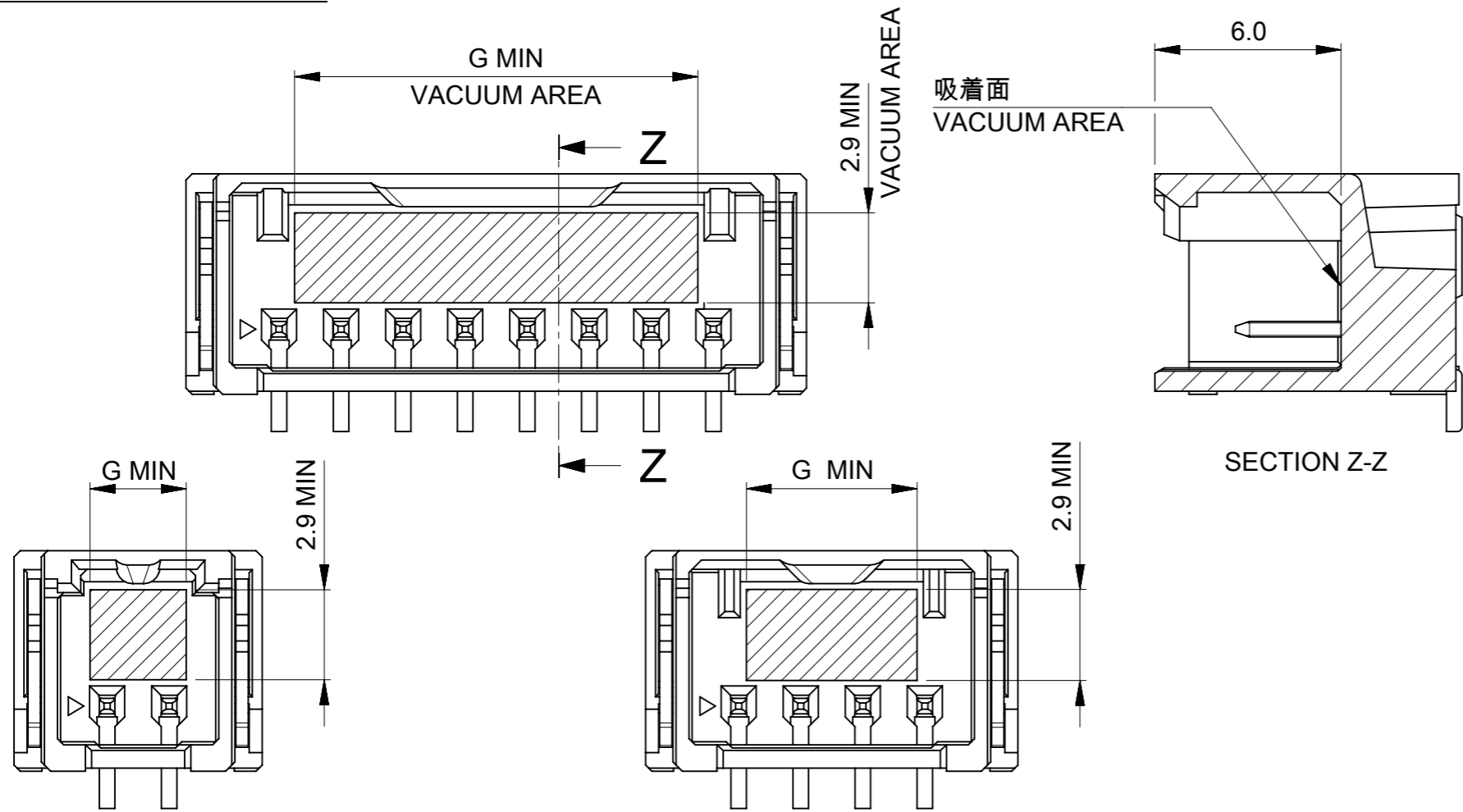
適合リテーナー : 212725シリーズ  
APPLICABLE RETAINER : 212725 SERIES

嵌合相手 : 212724シリーズ  
MATE WITH : 212724 SERIES

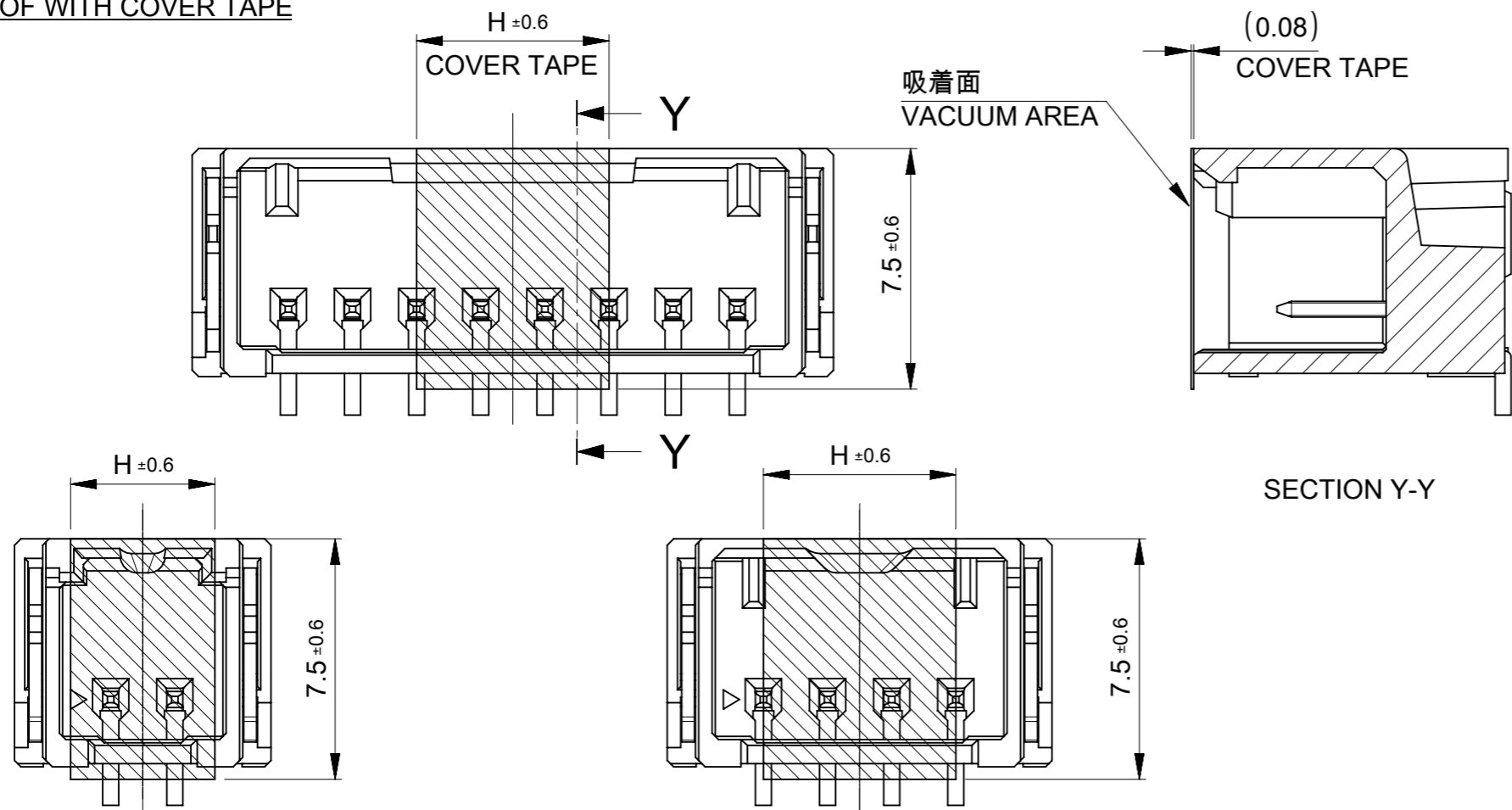
|      |      |      |      |                    |
|------|------|------|------|--------------------|
| 16.5 | 13.6 | 21.2 | 17.0 | 8                  |
| 14.5 | 11.6 | 19.2 | 15.0 | 7                  |
| 12.5 | 9.6  | 17.2 | 13.0 | 6                  |
| 10.5 | 7.6  | 15.2 | 11.0 | 5                  |
| 8.5  | 5.6  | 13.2 | 9.0  | 4                  |
| 6.5  | 3.6  | 11.2 | 7.0  | 3                  |
| 4.5  | 1.6  | 9.2  | 5.0  | 2                  |
| F    | E    | D    | C    | 極数<br>CIRCUIT SIZE |

|   |         |                            |         |   |              |
|---|---------|----------------------------|---------|---|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         | CURRENT REV DESC:          |         | <b>molex</b>  |              |
| DIMENSION UNITS   | SCALE   | EC NO: 658675              |         |   |              |
| mm  | NTS     | DRWN: KYAMADA02 2020/12/16 |         | MICRO-ONE 2.0W/B GLOW WIRE TYPE<br>HEADER ASSEMBLY VERTICAL |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)  |         | CHK'D: AIDA 2021/04/23     |         | PRODUCT CUSTOMER DRAWING                                    |              |
| ANGULAR TOL   | ± 3.0 ° | APPR: SAKIYAMA 2021/04/23  |         | DOCUMENT NUMBER   |              |
| 4 PLACES  | ± 0.2   | INITIAL REVISION:          |         | DOC TYPE  |              |
| 3 PLACES  | ± 0.2   | DRWN: KYAMADA02 2020/12/04 |         | DOC PART  |              |
| 2 PLACES  | ± 0.2   | APPR: SAKIYAMA 2020/12/15  |         | REVISION  |              |
| 1 PLACE   | ± 0.2   | MATERIAL NUMBER            |         | 2170630000-SD   |              |
| 0 PLACES  | ± 0.2   | CUSTOMER                   |         | PSD 000 B   |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |         | THIRD ANGLE PROJECTION     | DRAWING | SERIES  | SHEET NUMBER |
|   |         |                            | A3-SIZE | 217063  | 2 OF 5       |

CASE OF WITHOUT COVER TAPE



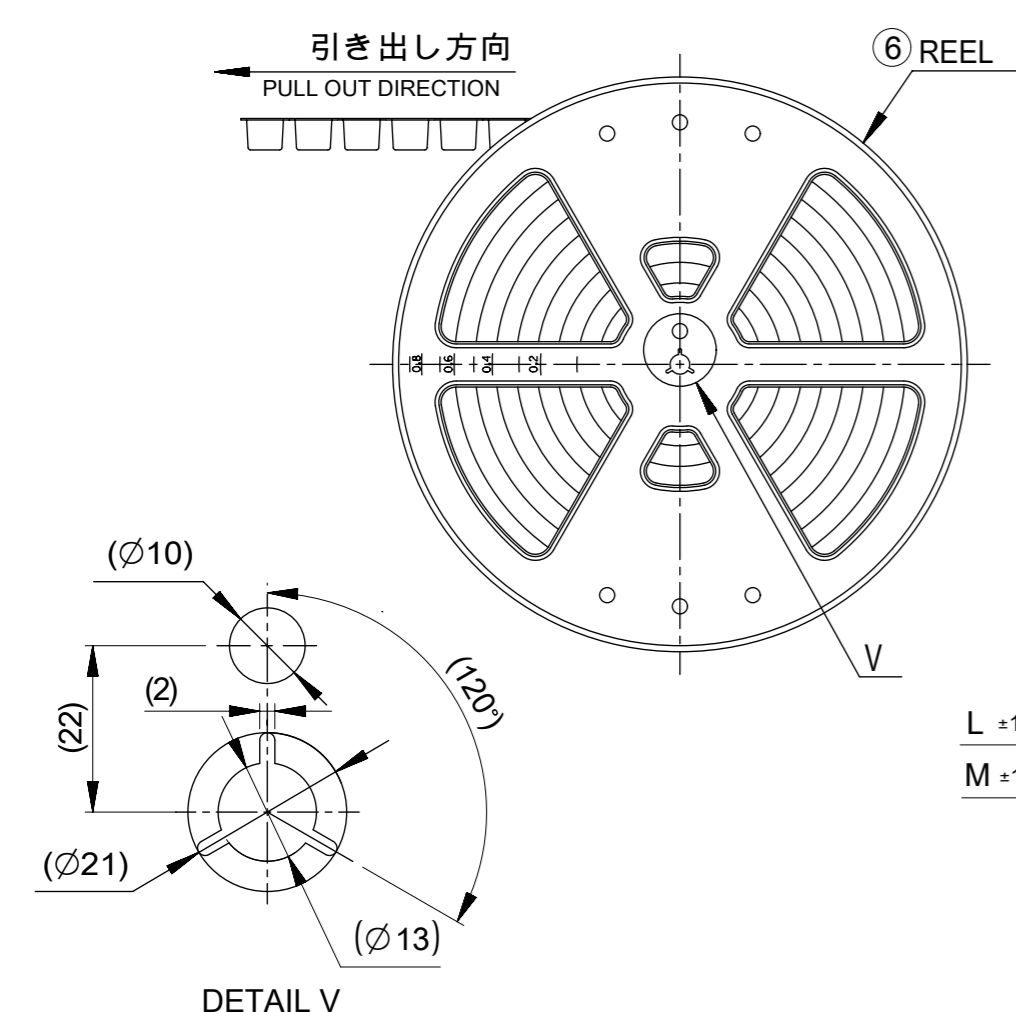
CASE OF WITH COVER TAPE



|     |      |                    |
|-----|------|--------------------|
| 8.0 | 13.0 | 8                  |
|     | 11.0 | 7                  |
|     | 9.5  | 6                  |
| 6.0 | 7.5  | 5                  |
|     | 5.5  | 4                  |
| 4.5 | 4.4  | 3                  |
|     | 3.1  | 2                  |
| H   | G    | 極数<br>CIRCUIT SIZE |

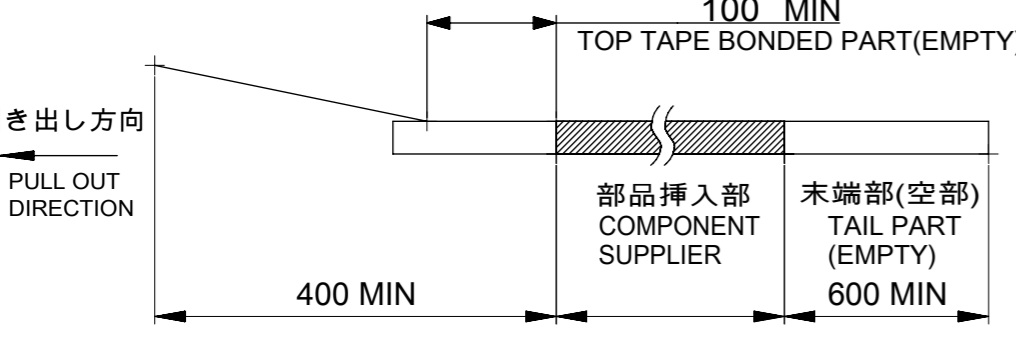
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|  |       |                            |  |          |          |
|--|-------|----------------------------|--|----------|----------|
| DIMENSION UNITS                                      | SCALE | CURRENT REV DESC:          | <b>molex</b>   |          |          |
| mm   | NTS   |                            |  |          |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |       |                            | MICRO-ONE 2.0W/B GLOW WIRE TYPE HEADER ASSEMBLY VERTICAL |          |          |
| ANGULAR TOL ± 3.0 °                                  |       |                            | PRODUCT CUSTOMER DRAWING                                 |          |          |
| 4 PLACES   | ± 0.2 | EC NO: 658675              | DOCUMENT NUMBER  |          |          |
| 3 PLACES   | ± 0.2 | DRWN: KYAMADA02 2020/12/16 | 2170630000-SD  |          |          |
| 2 PLACES   | ± 0.2 | CHK'D: AIDA 2021/04/23     | DOC TYPE   | DOC PART | REVISION |
| 1 PLACE  | ± 0.2 | APPR: SAKIYAMA 2021/04/23  | PSD  | 000      | B        |
| 0 PLACES   | ± 0.2 | INITIAL REVISION:          | SHEET NUMBER   |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       |                            | 3 OF 5   |          |          |

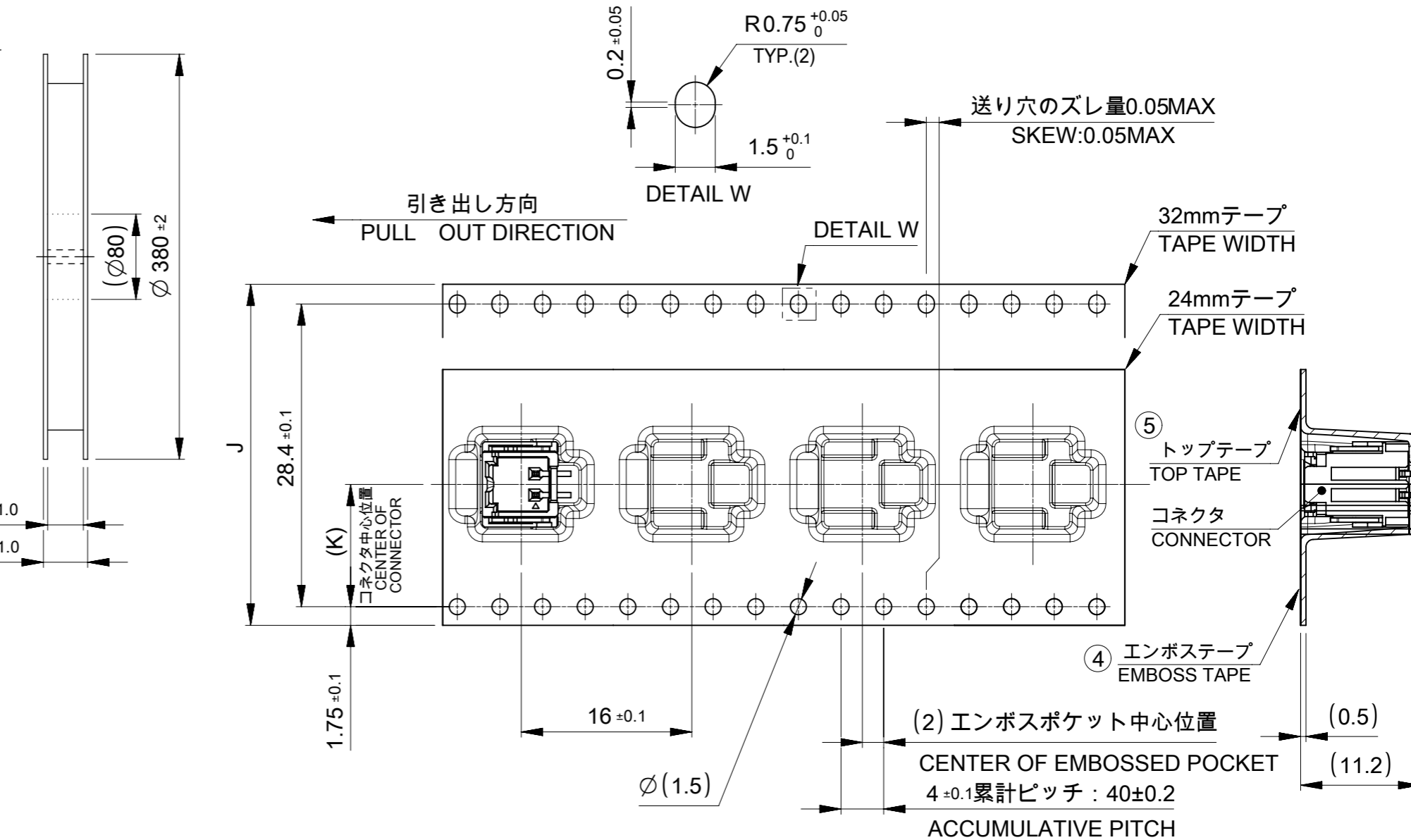


DETAIL V

NOTES  
 12. 梱包数量 : 500個/リール  
 NUMBER OF CONNECTORS : 500 PIECES/REEL  
 13. リードテープ長さ  
 LEAD TAPE LENGTH



14. トップテープの剥離強度はIEC60286-3に準拠。  
 TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.



15. 発注番号 : SHEET 5 参照  
 ORDER No. : PLEASE REFER TO SHEET 5 FOR PRODUCT LIST.

217063 0 \* \* \*

極数  
 CIRCUIT SIZE

- 0 : カバーテープなし NATURAL(BEIGE)  
 WITHOUT COVER TAPE NATURAL
- 1 : カバーテープなし BLACK  
 WITHOUT COVER TAPE BLACK
- 2 : カバーテープあり NATURAL(BEIGE)  
 WITH COVER TAPE NATURAL
- 3 : カバーテープあり BLACK  
 WITH COVER TAPE BLACK


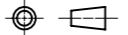
|      |      |      |                                    |                    |
|------|------|------|------------------------------------|--------------------|
| 37.5 | 33.5 | 14.2 | 32±0.3                             | 8                  |
|      |      |      |                                    | 7                  |
|      |      |      |                                    | 6                  |
| 29.5 | 25.5 | 11.5 | 24 <sup>+0.3</sup> <sub>-0.1</sub> | 5                  |
|      |      |      |                                    | 4                  |
|      |      |      |                                    | 3                  |
|      |      |      |                                    | 2                  |
| M    | L    | K    | エンボステープ幅 J<br>WIDTH OF TEPE        | 極数<br>CIRCUIT SIZE |

|   |       |                   |                 |   |          |
|---|-------|-------------------|-----------------|---|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       | CURRENT REV DESC: |                 | <b>molex</b>  |          |
| DIMENSION UNITS   | SCALE |                   |                 |   |          |
| mm  | NTS   |                   |                 | MICRO-ONE 2.0W/B GLOW WIRE TYPE<br>HEADER ASSEMBLY VERTICAL |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |       |                   |                 | PRODUCT CUSTOMER DRAWING                                    |          |
| ANGULAR TOL ± 3.0 °   |       |                   |                 | DOCUMENT NUMBER   |          |
| 4 PLACES  | ± 2.0 | EC NO: 658675     | 2020/12/16      | 2170630000-SD   |          |
| 3 PLACES  | ± 2.0 | DRWN: KYAMADA02   | 2021/04/23      | DOC TYPE  | DOC PART |
| 2 PLACES  | ± 2.0 | CHK'D: AIDA       | 2021/04/23      | PSD   | 000      |
| 1 PLACE   | ± 2.0 | APPR: SAKIYAMA    |                 | REVISION  | B        |
| 0 PLACES  | ± 2.0 | INITIAL REVISION: |                 |   |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |       | DRWN: KYAMADA02   | 2020/12/04      |   |          |
| THIRD ANGLE PROJECTION  |       | APPR: SAKIYAMA    | 2020/12/15      |   |          |
| DRAWING   |       | SERIES            | MATERIAL NUMBER | CUSTOMER  |          |
| A3-SIZE   |       | 217063            | SEE TABLE       | GENERAL   |          |
|   |       |                   |                 | SHEET NUMBER  |          |
|   |       |                   |                 | 4 OF 5  |          |

| 番号 NO. | 部品 PART                | 材質 MATERIAL  |
|--------|------------------------|--|
| ④      | エンボステープ<br>EMBOSS TAPE | ポリスチレン(PS)、その他<br>POLYSTYRENE(PS), etc                                 |
| ⑤      | トップテープ<br>TOP TAPE     | ポリエチレン(PE)、その他<br>POLYETHYLENE(PE), etc                                |
| ⑥      | リール<br>REEL            | ポリスチレン(PS) <リサイクル材を含む><br>POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED> |

△ 15 製品一覧 PRODUCT LIST

| WITH COVER TAPE                      |                                 | WITHOUT COVER TAPE     |                                 |              |
|--------------------------------------|---------------------------------|------------------------|---------------------------------|--------------|
| HOUSING COLOR<br>BLACK               | HOUSING COLOR<br>NATURAL(BEIGE) | HOUSING COLOR<br>BLACK | HOUSING COLOR<br>NATURAL(BEIGE) |              |
| 2170630087                           | 2170630086                      | 2170630085             | 2170630084                      | 8            |
| ↑ 0077                               | ↑ 0076                          | ↑ 0075                 | ↑ 0074                          | 7            |
| 0067                                 | 0066                            | 0065                   | 0064                            | 6            |
| 0057                                 | 0056                            | 0055                   | 0054                            | 5            |
| 0047                                 | 0046                            | 0045                   | 0044                            | 4            |
| ↓ 0037                               | ↓ 0036                          | ↓ 0035                 | ↓ 0034                          | 3            |
| 2170630027                           | 2170630026                      | 2170630025             | 2170630024                      | 2            |
| 発注番号 ORDER No.                       |                                 |                        |                                 | 極数           |
| 梱包形態 : エンボスリール PACKAGE:EMBOSSED REEL |                                 |                        |                                 | CIRCUIT SIZE |

|   |              |   |         |        |                 |          |   |  |              |          |          |
|---|--------------|---|---------|--------|-----------------|----------|---|--|--------------|----------|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |   |         |        |                 |          |   |  |              |          |          |
| DIMENSION UNITS<br>mm   | SCALE<br>NTS | CURRENT REV DESC:   |         |        |                 |          |  |  |              |          |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |              | EC NO: 658675   |         |        |                 |          |   |  |              |          |          |
| ANGULAR TOL ± 3.0 °   |              | DRWN: KYAMADA02 2020/12/16  |         |        |                 |          | MICRO-ONE 2.0W/B GLOW WIRE TYPE<br>HEADER ASSEMBLY VERTICAL                           |  |              |          |          |
| 4 PLACES ± 0.2  |              | CHK'D: AIDA 2021/04/23  |         |        |                 |          | PRODUCT CUSTOMER DRAWING  |  |              |          |          |
| 3 PLACES ± 0.2  |              | APPR: SAKIYAMA 2021/04/23   |         |        |                 |          | DOCUMENT NUMBER   |  |              |          |          |
| 2 PLACES ± 0.2  |              | INITIAL REVISION:   |         |        |                 |          | 2170630000-SD   |  | DOC TYPE     | DOC PART | REVISION |
| 1 PLACE ± 0.2   |              | DRWN: KYAMADA02 2020/12/04  |         |        |                 |          | PSD   |  | 000          | B        |          |
| 0 PLACES ± 0.2  |              | APPR: SAKIYAMA 2020/12/15   |         |        |                 |          | SERIES  |  | SHEET NUMBER |          |          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |              | THIRD ANGLE PROJECTION  | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | 5 OF 5  |  |              |          |          |
|   |              |  | A3-SIZE | 217063 | SEE TABLE       | GENERAL  |   |  |              |          |          |