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## 注記 NOTES

## 1. 使用材料 MATERIAL

ハウジング : 液晶ポリマー ( LCP ) UL94V-0 ( 黒 )  
HOUSING: LIQUID CRYSTAL POLYMER UL94V-0 (COLOR:BLACK)

ターミナル : 銅合金  
TERMINAL : COPPER ALLOY

金具 : 銅合金  
FITTING NAIL : COPPER ALLOY

## 2. メッキ仕様 PLATING

ターミナル TERMINAL

金メッキ  
GOLD

下地メッキ : ニッケルメッキ  
UNDER PLATING : NICKEL

※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。  
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.

金具 FITTING NAIL

金メッキ (テール部のみ)  
GOLD (ONLY TAIL PART)

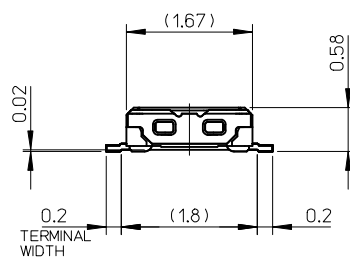
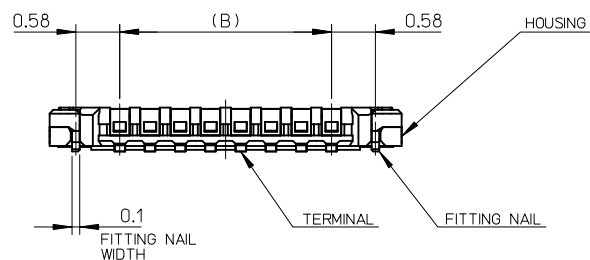
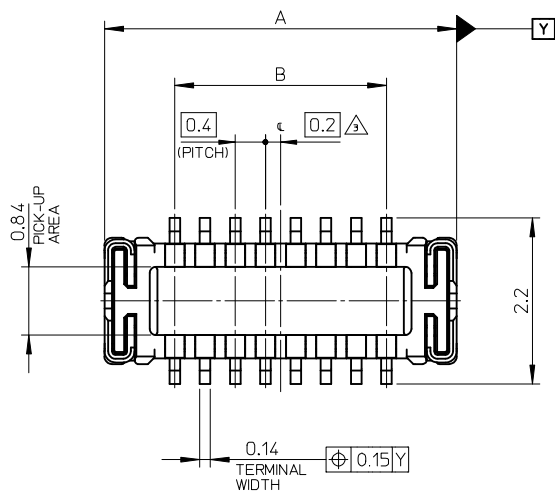
下地メッキ : ニッケルメッキ  
UNDER PLATING : NICKEL

△ (全極数 / 2) = 偶数の場合に適用。  
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手 : 503548 シリーズ  
MATE WITH : 503548 SERIES.

5. テール平坦度は、0.08 以下

テール及び金具の平坦度は、0.1 以下  
TAIL COPLANARITY TO BE 0.08MAXIMUM.  
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1MAXIMUM.



|     |      |                                     |          |
|-----|------|-------------------------------------|----------|
| 3.2 | 5.06 | 503552-1820                         | 18       |
| 2.8 | 4.66 | 503552-1620                         | 16       |
| 2.4 | 4.26 | 503552-1420                         | 14       |
| 2.0 | 3.86 | 503552-1220                         | 12       |
| 1.6 | 3.46 | 503552-1020                         | 10       |
| 0.8 | 2.66 | 503552-0620                         | 6        |
| B   | A    | EMBOSSED PACKAGE                    | 極数       |
|     |      | オーダー番号 ORDER No.                    | CIRCUITS |
|     |      | CONNECTOR SERIES No. : 503552-***19 |          |

|                                                                                                                          |             |                                                            |        |                            |                                                                                                                                  |                                                                     |                        |                                                                                                                 |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| REVISED<br>EC NO: J2013-1507<br>DRWN:YUJI MAKI 2013/06/13<br>CHKD:TASAKAWA 2013/06/13<br>APPR:KMORI KAWA 2013/06/14<br>A | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>15:1                                                       | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                          |             | 10 UNDER                                                   | ± 0.2  | DRAWN BY<br>RTAKEUCHI      | DATE<br>2010/04/08                                                                                                               | TITLE<br>0.4 B-TO-B CONN HGT=0.7<br>W=2.6 HI-RETENTION<br>PLUG ASSY |                        |                                                                                                                 |  |
|                                                                                                                          |             | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>THIRATA      | DATE<br>2010/04/08                                                                                                               |                                                                     |                        |                                                                                                                 |  |
|                                                                                                                          |             | 30 OVER                                                    | ± 0.3  | APPROVED BY<br>MSASAO      | DATE<br>2010/09/15                                                                                                               | SHEET NO.<br>SD-503552-005<br>1 OF 2                                |                        |                                                                                                                 |  |
|                                                                                                                          |             | ANGULAR ±1 °                                               |        | MATERIAL NO.<br>SEE CHART  |                                                                                                                                  |                                                                     |                        |                                                                                                                 |  |
|                                                                                                                          | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                     |                        |                                                                                                                 |  |

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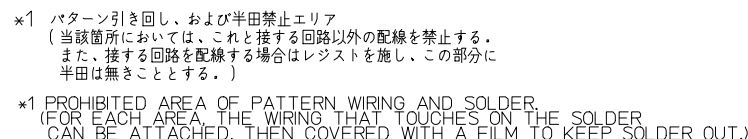
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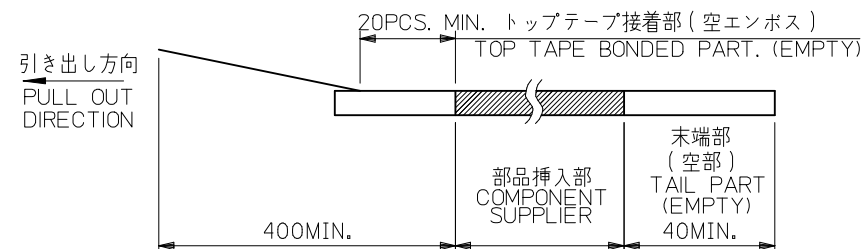
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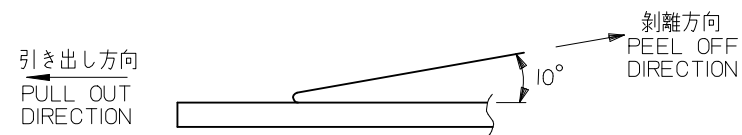


RECOMMENDED P.W. BOARD  
PATTERN LAYOUT

|                                                                                      |                                                            |                                          |            |                            |                    |                                                                                                                                  |                        |                                                                                                                 |           |
|--------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|------------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|-----------|
| REVISED<br>EC NO: J2013-1507<br>DRAWN:YUJI MAKI<br>CHKD: TASAKAWA<br>APPR:KMORI KAWA | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>15:1                                                                                                                    | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |           |
|                                                                                      |                                                            | 10 UNDER                                 | ± 0.2      | DRAWN BY<br>RTAKEUCHI      | DATE<br>2010/04/08 | TITLE<br>0.4 B-TO-B CONN HGT=0.7<br>W=2.6 HI-RETENTION<br>PLUG ASSY                                                              |                        |                                                                                                                 |           |
|                                                                                      |                                                            | 10 OVER 30 UNDER                         | ± 0.25     | CHECKED BY<br>THIRATA      | DATE<br>2010/04/08 |                                                                                                                                  |                        |                                                                                                                 |           |
|                                                                                      |                                                            | 30 OVER                                  | ± 0.3      | APPROVED BY<br>MSASAO      | DATE<br>2010/09/15 |                                                                                                                                  |                        |                                                                                                                 |           |
|                                                                                      |                                                            | ANGULAR ±1 °                             |            | MATERIAL NO.               |                    | DOCUMENT NO.                                                                                                                     |                        |                                                                                                                 | SHEET NO. |
|                                                                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE SHEET1 |                            | SD-503552-005      |                                                                                                                                  |                        | 2 OF 2                                                                                                          |           |
|                                                                                      | REV                                                        | A                                        |            |                            | SIZE<br>A3         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                                                                                 |           |



4. トップテープの剥離強度: 0.1N~1.3N(10gf~130gf)  
(剥離方向は下図参照)  
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)  
PEELING OFF FORCE OF TOP TAPE : 0.1N~1.3N(10gf~130gf)  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.  
PEEL OFF SHOULD NOT BE ALLOWED . DURING TRANSPORTATION.



5. 材料 MATERIAL  
 キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)  
 トップテープ (TOP TAPE) : PET , OTHER  
 リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>  
 POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
6. ELV 及び RoHS適合品  
 ELV AND ROHS COMPLIANT

|                                                                                                                                  |                            |                                                            |             |                                          |  |                                 |  |                                                                  |                        |           |             |                           |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------|-------------|------------------------------------------|--|---------------------------------|--|------------------------------------------------------------------|------------------------|-----------|-------------|---------------------------|
| REVISED                                                                                                                          | EC NO: J2013-1507          | 2013/06/13                                                 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY      |  | SCALE<br>1:1                                                     | DESIGN UNITS<br>METRIC | MODEL NO. | 503552-**20 | THIRD ANGLE<br>PROJECTION |
|                                                                                                                                  | DRWN:YUJI IMAKI            | 2013/06/13                                                 |             | <del>10 UNDER ± ---</del>                |  | <del>RTAKEUCHI 2010/02/08</del> |  | 0.4 B-TO-B CONN. HGT=0.7<br>HI-RETENTION<br>PLUG ASSY EMBSTP PKG |                        |           |             |                           |
|                                                                                                                                  | CHKD:TASAKAWA              | 2013/06/13                                                 |             | <del>10 OVER 30 UNDER ± ---</del>        |  | <del>CHECKED BY DATE</del>      |  |                                                                  |                        |           |             |                           |
|                                                                                                                                  | APPR:KMORI KAWA            | 2013/06/14                                                 |             | <del>30 OVER ± ---</del>                 |  | <del>THIRATA 2010/02/08</del>   |  |                                                                  |                        |           |             |                           |
|                                                                                                                                  | <del>ANGULAR ± --- °</del> |                                                            |             | <del>APPROVED BY DATE</del>              |  | <del>MSASAO 2010/02/08</del>    |  |                                                                  |                        |           |             |                           |
| A                                                                                                                                | REV                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |             | MATERIAL NO.                             |  | DOCUMENT NO.                    |  |                                                                  | SHEET NO.              |           |             |                           |
|                                                                                                                                  |                            |                                                            |             | SEE SHEET 2                              |  | SD-503552-006                   |  |                                                                  | 1 OF 2                 |           |             |                           |
|                                                                                                                                  |                            |                                                            |             |                                          |  |                                 |  |                                                                  |                        |           |             |                           |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                                                            |             |                                          |  |                                 |  |                                                                  |                        |           |             |                           |

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C

B

A

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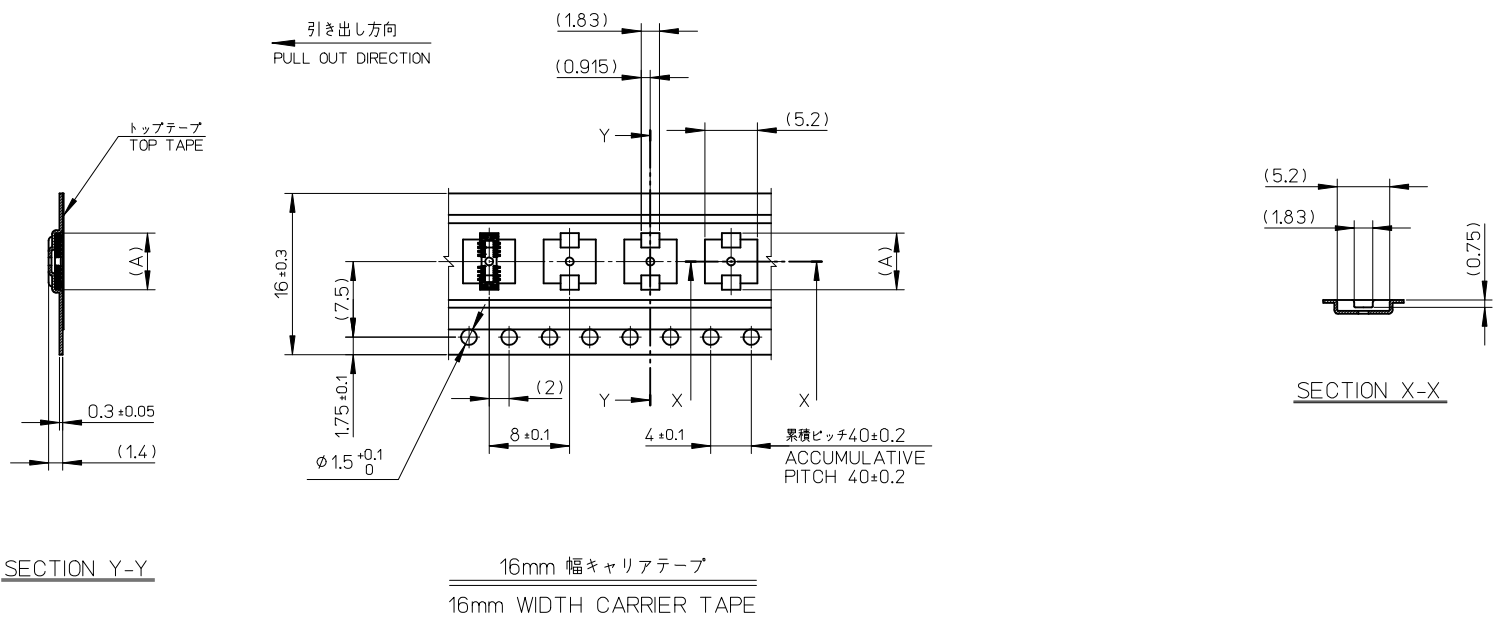
E

D

C

B

A



|                                |      |      |      |              |              |
|--------------------------------|------|------|------|--------------|--------------|
| 16                             | 21.4 | 17.4 | 5.21 | 503552-1820  | 18           |
|                                |      |      | 4.81 | 503552-1620  | 16           |
|                                |      |      | 4.41 | 503552-1420  | 14           |
|                                |      |      | 4.01 | 503552-1220  | 12           |
|                                |      |      | 3.61 | 503552-1020  | 10           |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | C    | B    | 2.81 | 503552-0620  | 6            |
|                                |      |      | (A)  | MATERIAL No. | CKT.         |
|                                |      |      | (A)  | MODEL No.    | 503552-**-20 |

|                                                                                      |                             |            |                       |                                                        |                                          |                                                                                                                                  |                            |                                                                                           |                               |                        |                           |  |
|--------------------------------------------------------------------------------------|-----------------------------|------------|-----------------------|--------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------|-------------------------------|------------------------|---------------------------|--|
| REVISED<br>EC NO: J2013-4507<br>DRWN: FUJIMAKI<br>CHKD: TASAKAWA<br>APPR: KMORI KAWA | 2013/06/13                  | 2013/06/13 | 2013/06/14            | DESCRIPTION<br><br><br><br><br><br><br><br><br><br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                                                                                           | SCALE<br>1:1                  | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
|                                                                                      | <del>10 UNDER</del>         |            | <del>± ---</del>      |                                                        | <del>RTAKEUCHI</del>                     |                                                                                                                                  | <del>2010/02/08</del>      | TITLE<br>0.4 B-TO-B CONN. HGT=0.7<br>HI-RETENTION<br>PLUG ASSY EMBSTP PKG<br><b>molex</b> | DOCUMENT NO.<br>SD-503552-006 | SHEET NO.<br>2 OF 2    |                           |  |
|                                                                                      | <del>10 OVER 30 UNDER</del> |            | <del>± ---</del>      |                                                        | <del>CHECKED BY</del>                    |                                                                                                                                  | <del>DATE</del>            |                                                                                           |                               |                        |                           |  |
|                                                                                      | <del>30 OVER</del>          |            | <del>± ---</del>      |                                                        | <del>THIRATA</del>                       |                                                                                                                                  | <del>2010/02/08</del>      |                                                                                           |                               |                        |                           |  |
|                                                                                      | <del>ANGULAR</del>          |            | <del>± --- °</del>    |                                                        | <del>APPROVED BY</del>                   |                                                                                                                                  | <del>DATE</del>            |                                                                                           |                               |                        |                           |  |
|                                                                                      | <del>MSASAO</del>           |            | <del>2010/02/08</del> |                                                        | MATERIAL NO.                             |                                                                                                                                  |                            |                                                                                           |                               |                        |                           |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                           |                             | SIZE<br>A3 |                       | SEE CHART                                              |                                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                                                                                           |                               |                        |                           |  |

9 8 7 6 5 4 3 2