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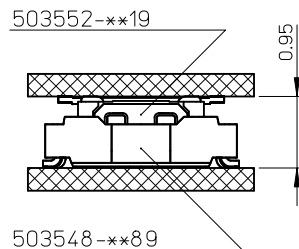
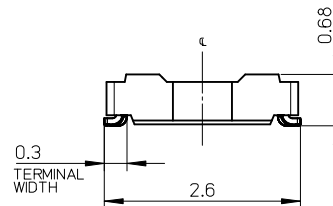
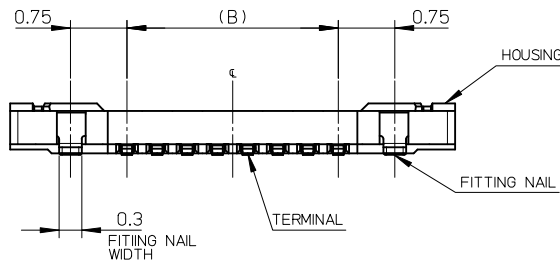
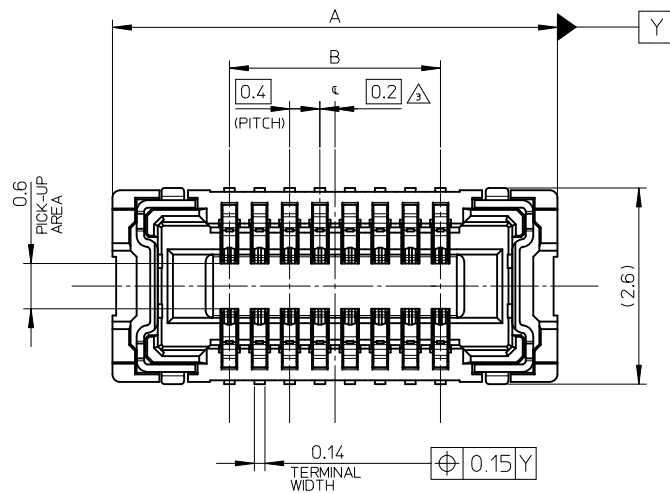
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MATED DRAWING  
(REFERENCE)

# 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 : 503552 シリーズ  
MATE WITH : 503552 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 0.08 MAXIMUM.  
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1 MAXIMUM.

6. ELV and RoHS COMPLIANT.

|            |               |                                    |                                                                                                                 |
|------------|---------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 3.2        | 6.3           | 503548-1880                        | 18                                                                                                              |
| 2.8        | 5.9           | 503548-1680                        | 16                                                                                                              |
| 2.4        | 5.5           | 503548-1480                        | 14                                                                                                              |
| 2.0        | 5.1           | 503548-1280                        | 12                                                                                                              |
| 0.8        | 3.9           | 503548-0680                        | 6                                                                                                               |
| B          | A             | EMBOSSED PACKAGE                   | 極数<br>CIRCUITS                                                                                                  |
|            |               | オーダー番号 ORDER No.                   |                                                                                                                 |
|            |               | CONNECTOR SERIES No. : 503548-**89 |                                                                                                                 |
| TYPE<br>LY | SCALE<br>15:1 | DESIGN UNITS<br>METRIC             |  THIRD ANGLE<br>PROJECTION |

|                                                                                                        |             |                                                            |        |                            |                                                                                                                                  |                                                                                                          |                        |                                                                                       |                           |
|--------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|---------------------------|
| RELEASED<br>EC NO: J2011-0380<br>DRAWN: NAITO 2010/09/10<br>CHKD: RTAKEUCHI 2010/09/10<br>APPR: MSASAO | 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>2010/01/08                                                                                                               | TITLE<br>0.4 B-TO-B CONN. HGT=0.7<br>W=2.6 HI-RETENTION<br>REC ASSY CHECKER TYPE                         |                        |                                                                                       |                           |
|                                                                                                        |             | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>THIRATA      | DATE<br>2010/01/08                                                                                                               |                                                                                                          |                        |                                                                                       |                           |
|                                                                                                        |             | 30 OVER                                                    | ± 0.3  | APPROVED BY<br>MSASAO      | DATE<br>2010/01/08                                                                                                               |  MOLEX INCORPORATED |                        |                                                                                       |                           |
|                                                                                                        |             | 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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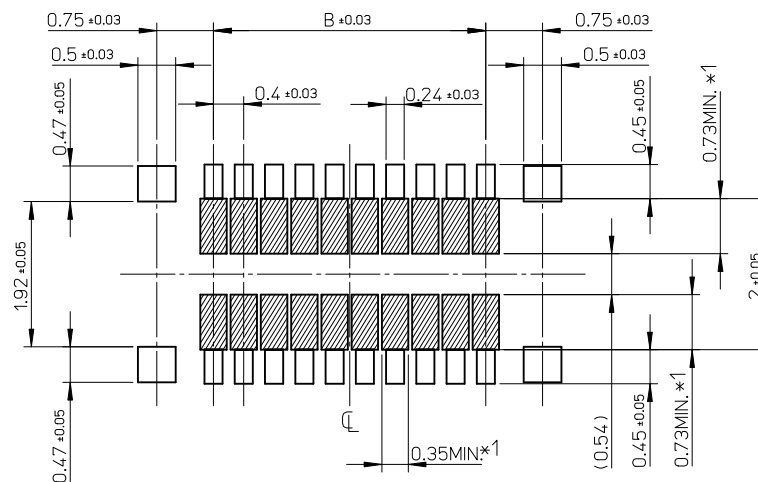
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RECOMMENDED P.W. BOARD  
PATTERN LAYOUT

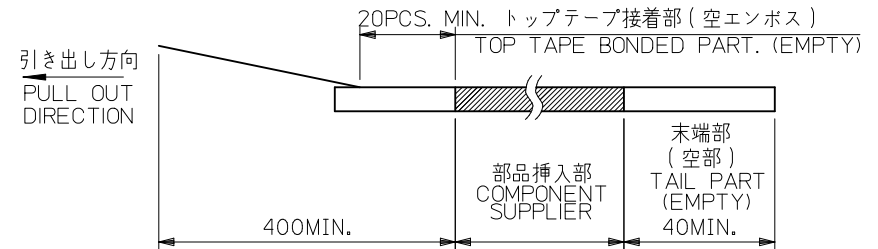
\*1 パターン引き回し、および半田禁止エリア  
(当該箇所においては、これと接する回路以外の配線を禁止する。  
また、接する回路を配線する場合はレジストを施し、この部分に  
半田は無しこととする。)

\*1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.  
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER  
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

|                         |                                                            |                                                            |        |                            |                                                                                                                                  |                                                                                  |                        |                           |  |
|-------------------------|------------------------------------------------------------|------------------------------------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------|---------------------------|--|
| RELEASED<br>EC NO:<br>O | DESCRIPTION<br>DRWN:NAITO<br>CHKD:RTAKEUCHI<br>APPR:MSASAO | 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>2010/01/08                                                                                                               | TITLE<br>0.4 B-TO-B CONN. HGT=0.7<br>W=2.6 HI-RETENTION<br>REC ASSY CHECKER TYPE |                        |                           |  |
|                         |                                                            | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>THIRATA      | DATE<br>2010/01/08                                                                                                               |                                                                                  |                        |                           |  |
|                         |                                                            | 30 OVER                                                    | ± 0.3  | APPROVED BY<br>MSASAO      | DATE<br>2010/01/08                                                                                                               | MOLEX INCORPORATED                                                               |                        |                           |  |
|                         |                                                            | ANGULAR ±1 °                                               |        | MATERIAL NO.               |                                                                                                                                  | DOCUMENT NO.                                                                     |                        | SHEET NO.                 |  |
|                         |                                                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                  |                                                                                                                                  | SD-503548-007                                                                    |                        | 2 OF 2                    |  |
|                         | REV                                                        |                                                            |        | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                  |                        |                           |  |

# 注記 NOTES

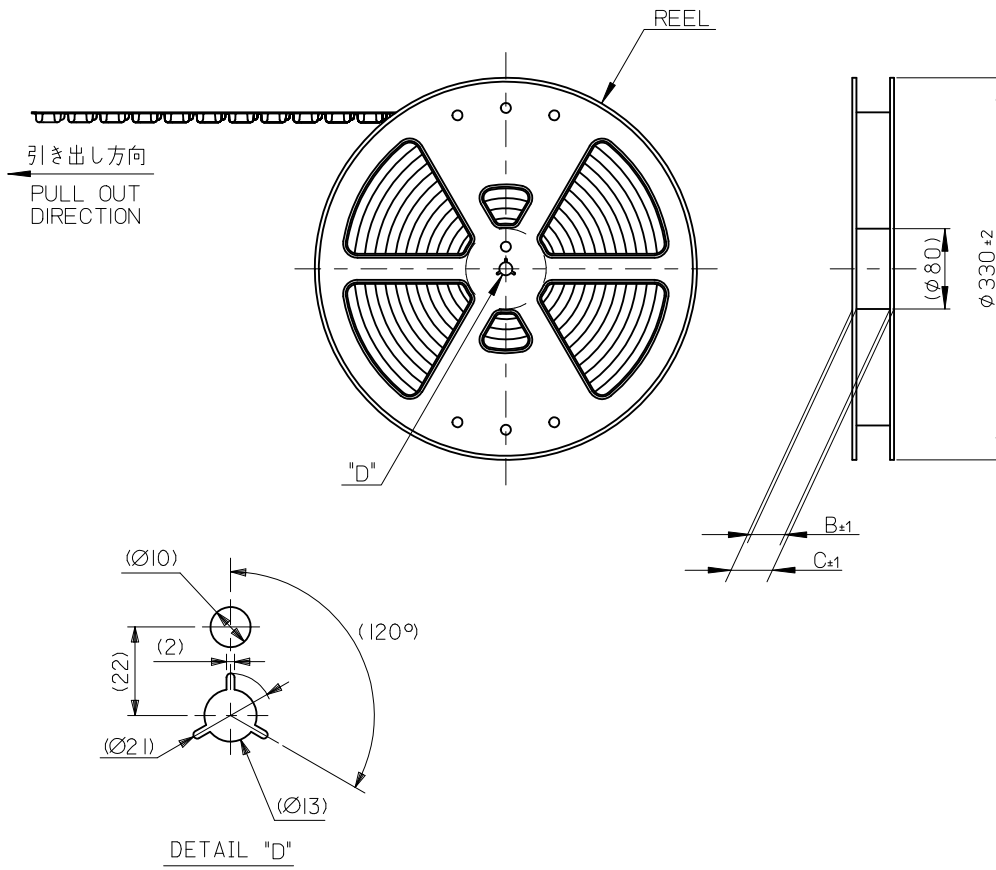
- 製品詳細寸法については製品単体図面を参照下さい。  
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量 : 3000 個 / リール  
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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 TRANSPORTION.



- 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>
- ELV 及び RoHS適合品  
ELV AND RoHS COMPLIANT



|                                                                                  |                                                        |                                                            |  |                                                                                                                                  |  |                                                                                                             |                        |                               |                     |                                                                                                              |
|----------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------|
| RELEASED<br>EC NO: J2011-0380<br>DRAWN: NAITO<br>CHKD: RTAKEUCHI<br>APPR: MSASAO | DESCRIPTION<br><br><br><br><br><br><br><br><br><br>REV | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM ONLY                                                                                                       |  | SCALE                                                                                                       | DESIGN UNITS<br>METRIC | MODEL NO. 503548-**80         |                     |  THIRD ANGLE PROJECTION |
|                                                                                  |                                                        | <del>10 UNDER ± ---</del>                                  |  | <del>RTAKEUCHI 2010/02/08</del>                                                                                                  |  | TITLE<br>0.4 B-TO-B CONN. HGT=0.7<br>HI-RETENTION REC ASSY<br>CHECKER TYPE EMBSTP PKG<br>MOLEX INCORPORATED |                        | DOCUMENT NO.<br>SD-503548-008 | SHEET NO.<br>1 OF 2 |                                                                                                              |
|                                                                                  |                                                        | <del>10 OVER 30 UNDER ± ---</del>                          |  | <del>CHECKED BY 2010/02/08</del>                                                                                                 |  |                                                                                                             |                        |                               |                     |                                                                                                              |
|                                                                                  |                                                        | <del>30 OVER ± ---</del>                                   |  | <del>THIRATA 2010/02/08</del>                                                                                                    |  |                                                                                                             |                        |                               |                     |                                                                                                              |
|                                                                                  |                                                        | <del>ANGULAR ± --- °</del>                                 |  | <del>APPROVED BY 2010/02/08</del>                                                                                                |  | MATERIAL NO.                                                                                                |                        |                               |                     |                                                                                                              |
|                                                                                  |                                                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | SEE CHART                                                                                                                        |  |                                                                                                             |                        |                               |                     |                                                                                                              |
|                                                                                  |                                                        | 0                                                          |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                                             |                        |                               |                     |                                                                                                              |

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

E

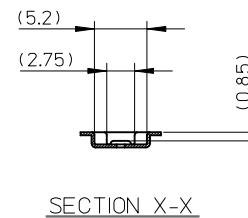
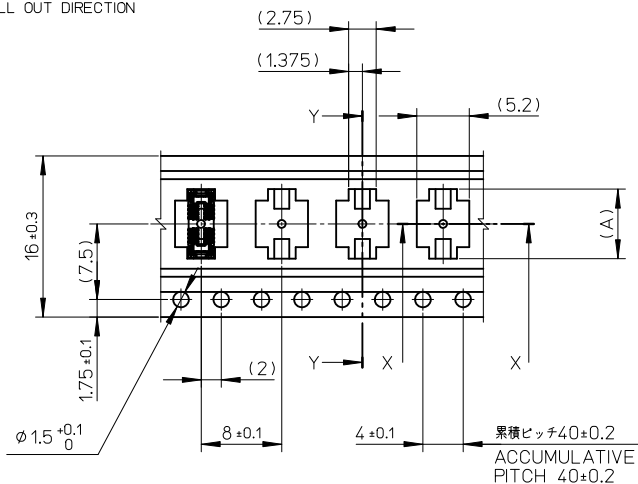
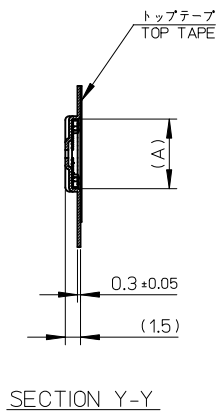
D

C

B

A

引き出し方向  
PULL OUT DIRECTION



16mm 幅キャリアテープ  
16mm WIDTH CARRIER TAPE

|                                |      |      |     |              |              |      |
|--------------------------------|------|------|-----|--------------|--------------|------|
| 16                             | 21.4 | 17.4 | 6.5 | 503548-1880  |              | 18   |
|                                |      |      | 6.1 | 503548-1680  |              | 16   |
|                                |      |      | 5.7 | 503548-1480  |              | 14   |
|                                |      |      | 5.3 | 503548-1280  |              | 12   |
|                                |      |      | 4.1 | 503548-0680  |              | 6    |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | C    | B    | (A) | MATERIAL No. |              | CKT. |
|                                |      |      |     | MODEL No.    | 503548-***80 |      |

|                                                                                  |                         |                                                                         |  |                                       |  |                                                                                                                                                                                                   |                        |                                                                                                                                  |                           |                               |  |
|----------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------|--|---------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|--|
| RELEASED<br>EC NO.: J2011-0380<br>DRWN: NAITO<br>CHKD: RTAKEUCHI<br>APPR: MSASAO | DESCRIPTION<br>REV<br>0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                |  | DIMENSION STYLE<br>MM ONLY            |  | SCALE                                                                                                                                                                                             | DESIGN UNITS<br>METRIC |                                             | THIRD ANGLE<br>PROJECTION |                               |  |
|                                                                                  |                         | <del>10 UNDER ± ---</del>                                               |  | DRAWN BY DATE<br>RTAKEUCHI 2010/02/08 |  | TITLE<br>0.4 B-TO-B CONN. HGT=0.7<br>HI-RETENTION REC ASSY<br>CHECKER TYPE EMBSTP PKG<br> MOLEX INCORPORATED |                        |                                                                                                                                  |                           |                               |  |
|                                                                                  |                         | <del>10 OVER 30 UNDER ± ---</del>                                       |  | CHECKED BY DATE<br>THIRATA 2010/02/08 |  |                                                                                                                                                                                                   |                        |                                                                                                                                  |                           |                               |  |
|                                                                                  |                         | <del>30 OVER ± ---</del>                                                |  | APPROVED BY DATE<br>MSASAO 2010/02/08 |  |                                                                                                                                                                                                   |                        |                                                                                                                                  |                           |                               |  |
|                                                                                  |                         | <del>ANGULAR ± --- °</del>                                              |  | MATERIAL NO.                          |  |                                                                                                                                                                                                   |                        |                                                                                                                                  |                           |                               |  |
|                                                                                  |                         | <del>DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</del> |  | SEE CHART                             |  |                                                                                                                                                                                                   |                        |                                                                                                                                  |                           | DOCUMENT NO.<br>SD-503548-008 |  |
|                                                                                  |                         |                                                                         |  |                                       |  | SIZE<br>A3                                                                                                                                                                                        |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                           |                               |  |