

10

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1

引き出し方向  
PULL OUT  
DIRECTION

トップテープ  
TOP TAPE

51338-\*\*\*9

(3.56)

(1.78)

(4.9)

 $1.5^{+0.1}_0$ 

Y

 $0.2^{+0.15}_{-0.05}$  $44 \pm 0.3$  $40.4 \pm 0.1$ 

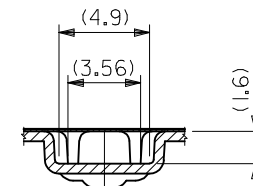
(20.2)

 $\pm 0.1$ 

1.75

 $\phi 1.5^{+0.1}_0$ 

(2)

 $12 \pm 0.1$  $4 \pm 0.1$ 累積ピッチ  $40 \pm 0.2$ ACCUMULATIVE  
PITCH  $40 \pm 0.2$ 

SECT:X-X

SECT:Y-Y

44mm幅キャリアテープ

44mm WIDTH CARRIER TAPE

|                                |      |      |       |            |                                      |
|--------------------------------|------|------|-------|------------|--------------------------------------|
| 44                             | 49.4 | 45.4 | 23.26 | 51338-1074 | 100                                  |
| キャリアテープ幅<br>CARRIER TAPE WIDTH |      | C    | B     | (A)        | EMBOSSED PACKAGE<br>ORDER NO. オーダー番号 |

CONNECTOR SERIES No. 51338-\*\*\*9

|                                                                                                                              |             |                                                            |                  |                            |                                                                                                                                  |                                                           |                        |                                                                                                                 |           |
|------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|-----------|
| SEE SHEET 1 OF 4<br>EC NO: J2013-0254<br>DRAWN: KTOYODA 2012/08/28<br>CHKD: TASAKAWA 2012/08/28<br>APPR: TASAKAWA 2012/08/31 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                  | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                              | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |           |
|                                                                                                                              |             | <del>10 UNDER</del>                                        | <del>± ---</del> | DRAWN BY<br>M. NINOMI      | DATE<br>2004/03/17                                                                                                               | TITLE<br>0.4 B-TO-B CONN. REC<br>ASSY(HGT=1.5) EMBSTP PKG |                        |                                                                                                                 |           |
|                                                                                                                              |             | <del>10 OVER 30 UNDER</del>                                | <del>± ---</del> | CHECKED BY<br>K. TOJO      | DATE<br>2004/03/17                                                                                                               |                                                           |                        |                                                                                                                 |           |
|                                                                                                                              |             | <del>30 OVER</del>                                         | <del>± ---</del> | APPROVED BY<br>M. SASAO    | DATE<br>2004/03/17                                                                                                               |                                                           |                        |                                                                                                                 |           |
|                                                                                                                              |             | <del>ANGULAR ± --- °</del>                                 |                  | MATERIAL NO.               |                                                                                                                                  | DOCUMENT NO.                                              |                        |                                                                                                                 | SHEET NO. |
|                                                                                                                              |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                  | SEE CHART                  |                                                                                                                                  | SD-51338-004                                              |                        |                                                                                                                 | 4 OF 4    |
| G                                                                                                                            | REV         |                                                            |                  | 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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1

引き出し方向  
PULL OUT  
DIRECTION

トップテープ  
TOP TAPE

51338-\*\*\*9

SECT:Y-Y

SECT:X-X

32mm幅キャリアテープ  
32mm WIDTH CARRIER TAPE

|                                |      |      |       |                                      |      |
|--------------------------------|------|------|-------|--------------------------------------|------|
| 32                             | 37.4 | 33.4 | 21.26 | 51338-0974                           | 90   |
|                                |      |      | 19.26 | 51338-0874                           | 80   |
|                                |      |      | 17.26 | 51338-0774                           | 70   |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | C    | B    | (A)   | EMBOSSED PACKAGE<br>ORDER NO. オーダー番号 | CKT. |

|                                                                                                                              |                    |                                                            |  |                                                                                                                                  |  |                                                           |                        |                           |  |
|------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|------------------------|---------------------------|--|
| SEE SHEET 1 OF 4<br>EC NO: J2013-0254<br>DRAWN: KTOYODA 2012/08/29<br>CHKD: TASAKAWA 2012/08/29<br>APPR: TASAKAWA 2012/08/31 | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  | DIMENSION STYLE<br>MM ONLY                                                                                                       |  | SCALE<br>---                                              | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                              |                    | <del>10 UNDER ± ---</del>                                  |  | DRAWN BY DATE<br>M. NINOMI 2004/03/17                                                                                            |  | TITLE<br>0.4 B-TO-B CONN. REC<br>ASSY(HGT=1.5) EMBSTP PKG |                        |                           |  |
|                                                                                                                              |                    | <del>10 OVER 30 UNDER ± ---</del>                          |  | CHECKED BY DATE<br>K. TOJO 2004/03/17                                                                                            |  |                                                           |                        |                           |  |
|                                                                                                                              |                    | <del>30 OVER ± ---</del>                                   |  | APPROVED BY DATE<br>M. SASAO 2004/03/17                                                                                          |  | DOCUMENT NO.<br>SD-51338-004                              |                        |                           |  |
|                                                                                                                              |                    | <del>ANGULAR ± --- °</del>                                 |  | MATERIAL NO.                                                                                                                     |  |                                                           |                        |                           |  |
|                                                                                                                              |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | SEE CHART                                                                                                                        |  |                                                           |                        |                           |  |
|                                                                                                                              |                    | 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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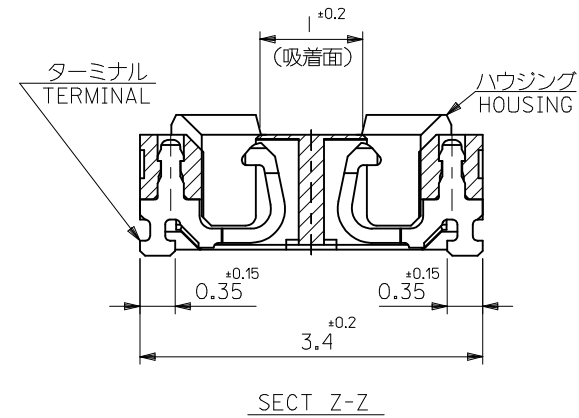
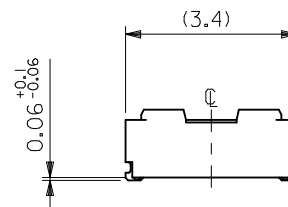
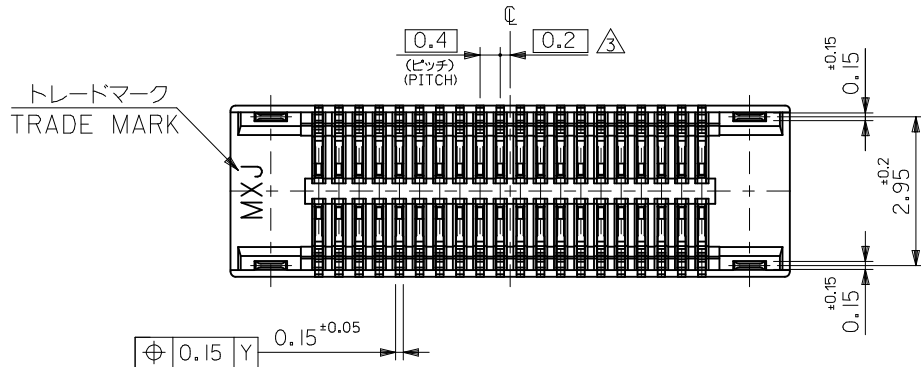
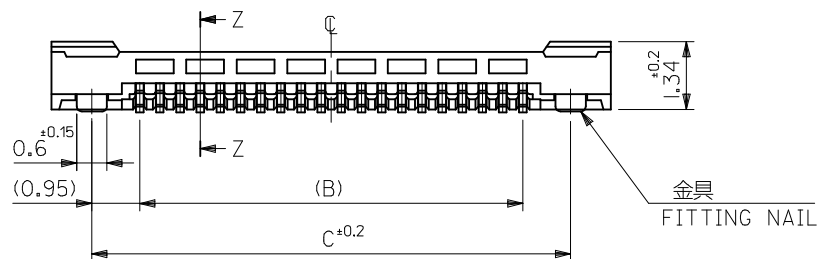
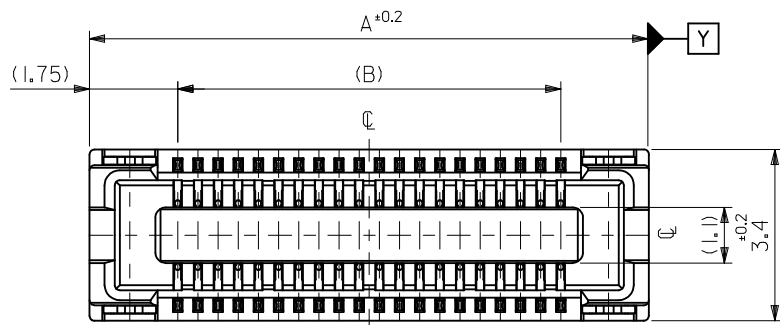
5

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2

SHEET NO.  
3 OF 4

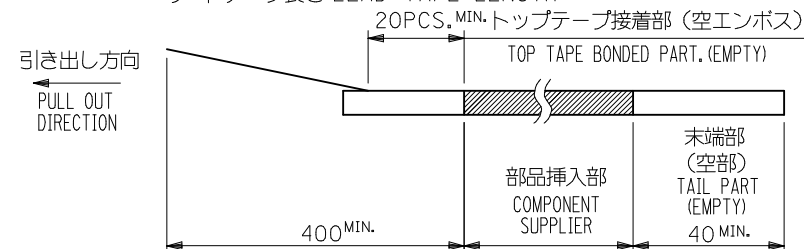


|                      |      |      |                                       |      |
|----------------------|------|------|---------------------------------------|------|
| 21.5                 | 19.6 | 23.1 | 51338-1074                            | 100  |
| 19.5                 | 17.6 | 21.1 | 51338-0974                            | 90   |
| 17.5                 | 15.6 | 19.1 | 51338-0874                            | 80   |
| 15.5                 | 13.6 | 17.1 | 51338-0774                            | 70   |
| 13.5                 | 11.6 | 15.1 | 51338-0674                            | 60   |
| 11.5                 | 9.6  | 13.1 | 51338-0574                            | 50   |
| 9.5                  | 7.6  | 11.1 | 51338-0474                            | 40   |
| 8.3                  | 6.4  | 9.9  | 51338-3474                            | 34   |
| 7.5                  | 5.6  | 9.1  | 51338-0374                            | 30   |
| 6.7                  | 4.8  | 8.3  | 51338-2674                            | 26   |
| 6.3                  | 4.4  | 7.9  | 51338-2474                            | 24   |
| 5.9                  | 4.0  | 7.5  | 51338-2274                            | 22   |
| 5.5                  | 3.6  | 7.1  | 51338-0274                            | 20   |
| 4.7                  | 2.8  | 6.3  | 51338-1674                            | 16   |
| 3.9                  | 2.0  | 5.5  | 51338-9974                            | 12   |
| C                    | B    | A    | EMBOSSD TAPE PKG.<br>ORDER No. オーダー番号 | CKT. |
| CONNECTOR SERIES No. |      |      | 51338-***9                            |      |

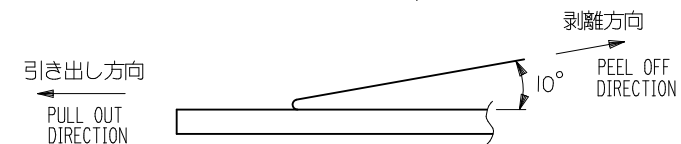
|                                                                                                                          |                                                            |                                                                                                                                  |           |                            |                    |                                                                    |                        |                           |        |           |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|--------------------|--------------------------------------------------------------------|------------------------|---------------------------|--------|-----------|
| REVISED<br>EC NO: J2013-0254<br>2012/08/28<br>DRW:K.TOYODA<br>2012/08/28<br>CHKD:TASAKAWA<br>2012/08/31<br>APPR:TASAKAWA | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                         |           | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>---                                                       | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |        |           |
|                                                                                                                          |                                                            | 10 UNDER                                                                                                                         | ± ---     | DRAWN BY<br>M.NINOMIYA     | DATE<br>2004/03/17 | TITLE<br>0.4 B-TO-B REC ASSY<br>HGT=1.5 J-BEND TAIL<br>-LEAD FREE- |                        |                           |        |           |
|                                                                                                                          |                                                            | 10 OVER 30 UNDER                                                                                                                 | ± ---     | CHECKED BY<br>K.TOJO       | DATE<br>2004/03/17 |                                                                    |                        |                           |        |           |
|                                                                                                                          |                                                            | 30 OVER                                                                                                                          | ± ---     | APPROVED BY<br>M.SASAO     | DATE<br>2004/03/17 |                                                                    |                        |                           |        |           |
|                                                                                                                          |                                                            | ANGULAR ± --- °                                                                                                                  |           | MATERIAL NO.               |                    |                                                                    | DOCUMENT NO.           |                           |        | SHEET NO. |
|                                                                                                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  | SEE CHART |                            |                    | SD-51338-003                                                       |                        |                           | 1 OF 2 |           |
|                                                                                                                          | REV                                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |                            |                    |                                                                    |                        |                           |        |           |

# NOTES

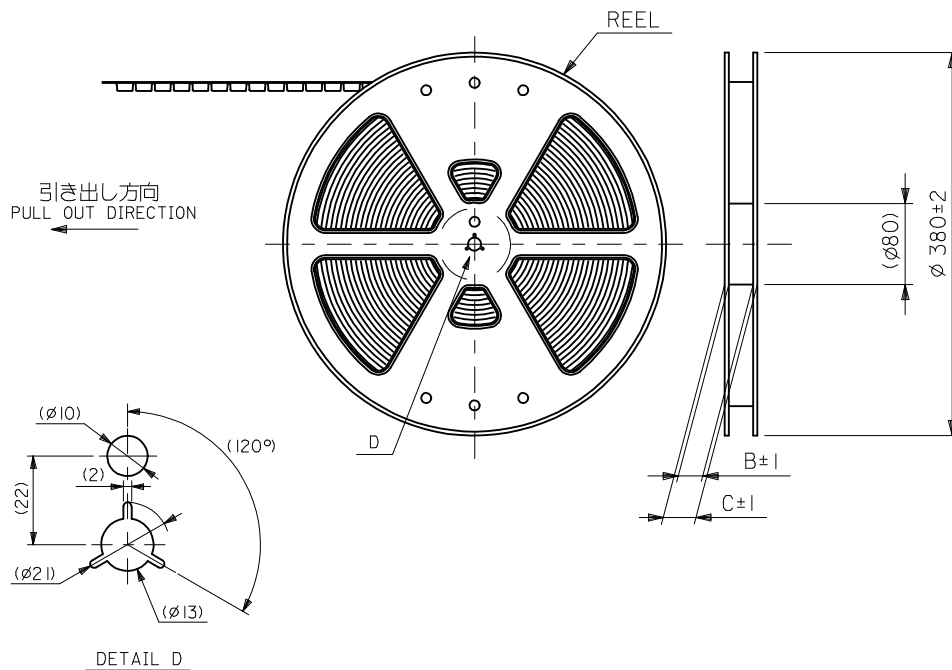
- 製品詳細寸法については製品単体図面を参照下さい。  
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量：2500個/リール  
NUMBER OF CONNECTORS : 2500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



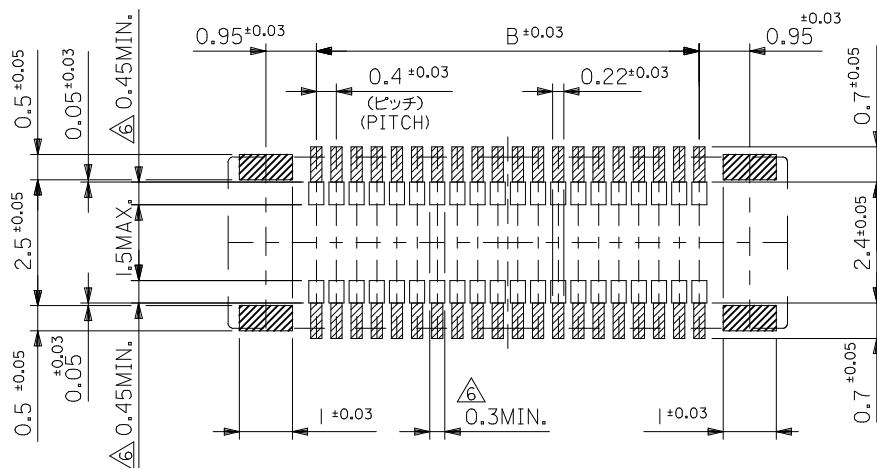
- トップテープの剥離強度： 0.1N ～ 1.3N (10gf ～ 130gf)  
(剥離方向は下図参照)  
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)  
PEELING OFF FORCE OF TOP TAPE : 0.1N ～ 1.3N (10gf ～ 130gf)  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.  
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



- 材料  
キャリアテープ (CARRIER TAPE)：ポリプロピレン (POLYPROPYLENE)  
トップテープ (TOPTAPE)：PET , PE , PEF  
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>
- 本製品は 51338-\*\*\*\* の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 51338-\*\*\*\*.
- ELV 及び RoHS 適合品。  
ELV AND RoHS COMPLIANT.



|                                                                                |                    |                                                            |                  |                            |                                                                                                                                  |                                                           |                        |                           |        |  |
|--------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------|---------------------------|--------|--|
| REVISED<br>EC NO: J2013-0254<br>DRWN:KTOYODA<br>CHKD:TASAKAWA<br>APPR:TASAKAWA | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                  | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                              | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |        |  |
|                                                                                |                    | <del>10 UNDER</del>                                        | <del>± ---</del> | DRAWN BY<br>M.NINOMI       | DATE<br>2004/03/17                                                                                                               | TITLE<br>0.4 B-TO-B CONN. REC<br>ASSY(HGT=1.5) EMBSTP PKG |                        |                           |        |  |
|                                                                                |                    | <del>10 OVER 30 UNDER</del>                                | <del>± ---</del> | CHECKED BY<br>K.TOJO       | DATE<br>2004/03/17                                                                                                               |                                                           |                        |                           |        |  |
|                                                                                |                    | <del>30 OVER</del>                                         | <del>± ---</del> | APPROVED BY<br>M.SASAO     | DATE<br>2004/03/17                                                                                                               | molex                                                     |                        |                           |        |  |
|                                                                                |                    | <del>ANGULAR ± --- °</del>                                 |                  | MATERIAL NO.               |                                                                                                                                  |                                                           |                        |                           |        |  |
|                                                                                |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                  | SEE CHART                  |                                                                                                                                  | SD-51338-004                                              |                        |                           | 1 OF 4 |  |
|                                                                                |                    |                                                            |                  | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                           |                        |                           |        |  |



参考基板レイアウト (マウント面)  
P.C.BOARD PATTERN DIMENSION (REFERENCE)  
(MOUNTING AREA)

#### 注記 NOTES:

##### 1. 使用材料 MATERIAL

ハウジング: 液晶ポリマー (LCP) ガラス充填 UL94V-0 (黒)  
HOUSING: LIQUID CRYSTAL POLYMER (GLASS FILLED)  
UL94V-0 (COLOR: BLACK)  
ターミナル: リン青銅 (t=0.15)  
TERMINAL: PHOSPHOR BRONZE (t=0.15)  
金具: リン青銅 (t=0.15)  
FITTING NAIL: PHOSPHOR BRONZE (t=0.15)

##### 2. メッキ仕様 PLATING

###### ターミナル TERMINAL

金メッキ 0.2マイクロメートル以上 (コンタクト部)  
GOLD 0.2MICROMETER MINIMUM (CONTACT AREA)

金メッキ 0.4マイクロメートル以下 (テール部)  
GOLD 0.4MICROMETER MAXIMUM (TAIL AREA)

下地メッキ: ニッケルメッキ 1.5マイクロメートル以上  
UNDER PLATING: NICKEL 1.5MICROMETER MINIMUM

\*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

錫メッキ 1.0 マイクロメートル以上  
TIN PLATING 1.0 MICROMETER MINIMUM

下地メッキ: ニッケルメッキ 1.0 マイクロメートル以上  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM

③ (全極数/2) = 偶数の場合に適用。  
APPLY FOR (CIRCUIT/2)=EVEN.

##### 4. 嵌合相手: 55909シリーズ

MATE WITH: 55909 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

④ 同一回路以外のパターン書込み禁止範囲を示す。  
NO PRINT CIRCUIT AREA OTHER THAN THE SAME CIRCUIT.

##### 7. 本製品は 51338-\*\*\*3 の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 51338-\*\*\*3.

SEE SHEET 1 OF 2  
EC NO: J2013-0254  
2012/08/28  
DRW: KTOYODA  
2012/08/28  
CHKD: TASAKAWA  
2012/08/31  
APPR: TASAKAWA  
REV

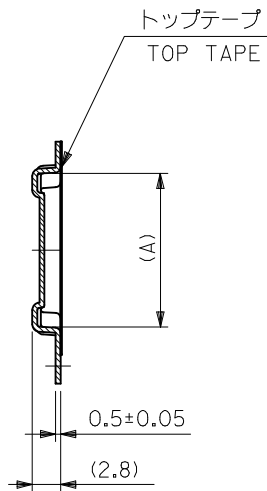
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |      |   |
|------------------------------------------------------------|------|---|
| 10 UNDER                                                   | ±--- |   |
| 10 OVER 30 UNDER                                           | ±--- |   |
| 30 OVER                                                    | ±--- |   |
| ANGULAR                                                    | ±--- | ° |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |      |   |

| DIMENSION STYLE<br>MM ONLY |            |
|----------------------------|------------|
| DRAWN BY                   | DATE       |
| M. NINOMIYA                | 2004/03/17 |
| CHECKED BY                 | DATE       |
| K. TOJO                    | 2004/03/17 |
| APPROVED BY                | DATE       |
| M. SASAO                   | 2004/03/17 |
| MATERIAL NO.               |            |
| SEE SHEET 1                |            |
| SIZE                       |            |
| A3                         |            |

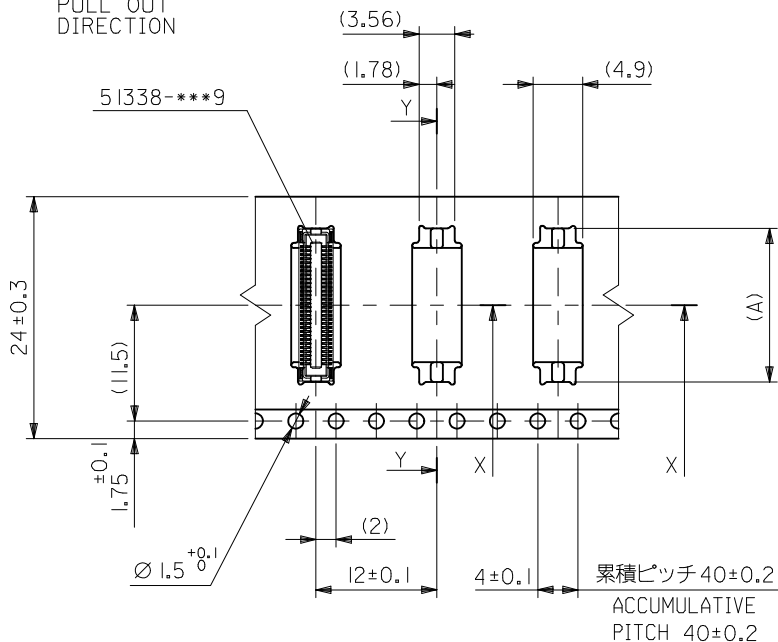
|                                                                                                |                        |                                                                                       |                           |
|------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|---------------------------|
| 51338-***9                                                                                     |                        | MODEL NO.                                                                             |                           |
| SCALE<br>---                                                                                   | DESIGN UNITS<br>METRIC |  | THIRD ANGLE<br>PROJECTION |
| TITLE<br>0.4 B-TO-B REC ASSY<br>HGT=1.5 J-BEND TAIL<br>-LEAD FREE-                             |                        |                                                                                       |                           |
| <b>molex</b>                                                                                   |                        |                                                                                       |                           |
| DOCUMENT NO.<br>SD-51338-003                                                                   |                        |                                                                                       | SHEET NO.<br>2 OF 2       |
| AINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                                                       |                           |

10 9 8 7 6 5 4 3 2 1

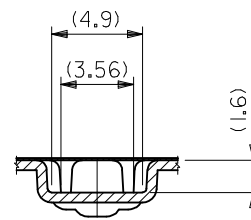
引き出し方向  
PULL OUT  
DIRECTION



SECT:Y-Y



24mm幅キャリアテープ  
24mm WIDTH CARRIER TAPE



SECT:X-X

|                                |            |      |       |                    |      |
|--------------------------------|------------|------|-------|--------------------|------|
| 24                             | 29.4       | 25.4 | 15.26 | 51338-0674         | 60   |
|                                |            |      | 13.26 | 51338-0574         | 50   |
|                                |            |      | 11.26 | 51338-0474         | 40   |
|                                |            |      | 10.06 | 51338-3474         | 34   |
|                                |            |      | 9.26  | 51338-0374         | 30   |
|                                |            |      | 8.46  | 51338-2674         | 26   |
|                                |            |      | 8.06  | 51338-2474         | 24   |
|                                |            |      | 7.66  | 51338-2274         | 22   |
|                                |            |      | 7.26  | 51338-0274         | 20   |
|                                |            |      | 6.46  | 51338-1674         | 16   |
| 5.66                           | 51338-9974 | 12   |       |                    |      |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | C          | B    | (A)   | EMBOSSED PACKAGE   | CKT. |
|                                |            |      |       | ORDER NO.   オーダー番号 |      |

CONNECTOR SERIES No. 51338-\*\*\*9

|                                                                                                                              |                         |                                                            |  |                                        |  |                                                                                                                                  |                        |                           |  |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------|--|----------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--|
| SEE SHEET 1 OF 4<br>EC NO: J2013-0254<br>DRAWN: KTOYODA 2012/08/28<br>CHKD: TASAKAWA 2012/08/28<br>APPR: TASAKAWA 2012/08/31 | DESCRIPTION<br>REV<br>G | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  | DIMENSION STYLE<br>MM ONLY             |  | SCALE<br>---                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                              |                         | <del>10 UNDER ± ---</del>                                  |  | DRAWN BY DATE<br>M.NINOMI 2004/03/17   |  | TITLE<br>0.4 B-TO-B CONN. REC<br>ASSY(HGT=1.5) EMBSTP PKG                                                                        |                        |                           |  |
|                                                                                                                              |                         | <del>10 OVER 30 UNDER ± ---</del>                          |  | CHECKED BY DATE<br>K.TOJO 2004/03/17   |  |                                                                                                                                  |                        |                           |  |
|                                                                                                                              |                         | <del>30 OVER ± ---</del>                                   |  | APPROVED BY DATE<br>M.SASAO 2004/03/17 |  | DOCUMENT NO.<br>SD-51338-004                                                                                                     |                        |                           |  |
|                                                                                                                              |                         | <del>ANGULAR ± --- °</del>                                 |  | MATERIAL NO.                           |  |                                                                                                                                  |                        |                           |  |
|                                                                                                                              |                         | 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 |                        |                           |  |

9 8 7 6 5 4 3 2