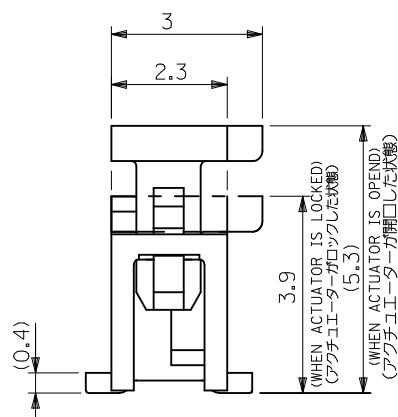
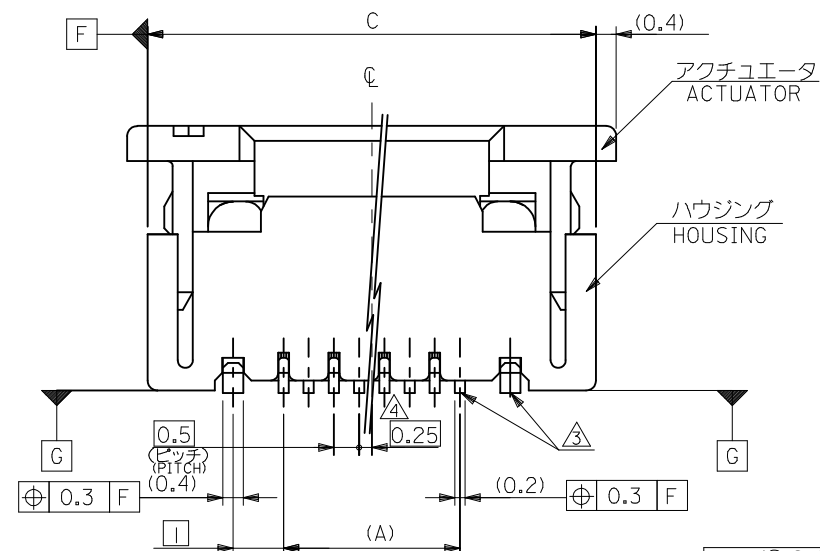
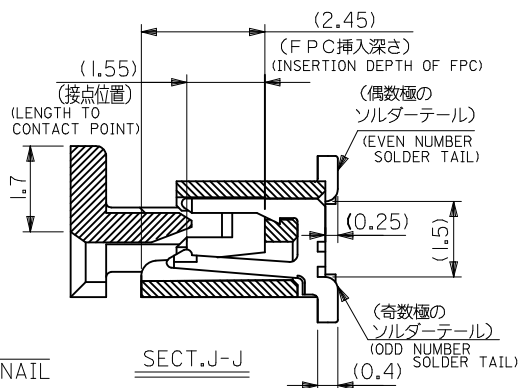
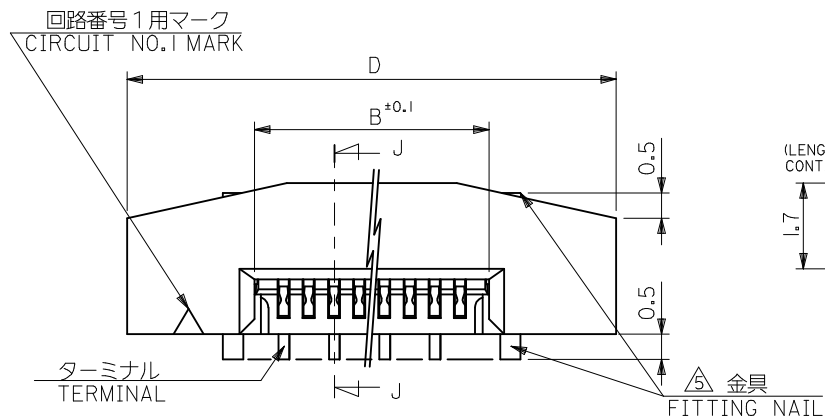




# 注記 NOTES

## 1. 使用材料 : MATERIAL

ハウジング : 46NYLON UL94V-0  
HOUSING

アクチュエータ : PPS UL94V-0  
ACTUATOR

ターミナル : リン青銅 (t=0.2)  
TERMINAL PHOS-BRO

: 接点部 金メッキ 0.1マイクロメートル以上  
CONTACT GOLD 0.1 MICROMETER MINIMUM

: 半田付け部 錫メッキ 1.0マイクロメートル以上  
TAIL TIN 1.0 MICROMETER MINIMUM

: ニッケル下地 1.0マイクロメートル以上  
NICKEL (UNDER PLATING) 1.0 MICROMETER MINIMUM

金具 : リン青銅 (t=0.4)  
FITTING NAIL PHOS-BRO

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

: ニッケル下地 1.0マイクロメートル以上  
NICKEL (UNDER PLATING) 1.0 MICROMETER MINIMUM

## 2. エンボステープ梱包時は、アクチュエータがロックした状態とする。 IN THE PACKAGE, ACTUATOR OF PART NO. 52559-\*\*79 SHOULD BE LOCKED.

△ソルダータール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 [G] に対し上方向 0.05 MAX. , 下方向 0.15 MAX. とする。

MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM [G]  
UPPER DIRECTION: 0.05 MAX. , LOWER DIRECTION: 0.15 MAX.

△偶数極に適用。  
APPLY FOR EVEN CIRCUIT.

△パターンはくり止め用金具。  
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.

△R0.3は、F P C の導体部にカガらないこと。  
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

MODEL NO. 52559-\*\*79

|                                                                                      |             |                                                            |        |                                                                                                                                  |                   |                                                    |                        |                                                                                                                 |                    |
|--------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|
| REVISED<br>EC NO: J2012-0823<br>DRAWN:KAGUMO<br>CHK'D:K TAKAHASHI<br>APPR:K MORIKAWA | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY                                                                                                       |                   | SCALE<br>---                                       | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |                    |
|                                                                                      |             | 10 UNDER                                                   | ± 0.2  | DRAWN BY<br>MNABEI                                                                                                               | DATE<br>'04/07/13 | TITLE<br>0.5 FPC CONN ASSY ZIF.<br><br>-LEAD FREE- |                        |                                                                                                                 |                    |
|                                                                                      |             | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>KTOJO                                                                                                              | DATE<br>'04/07/13 |                                                    |                        |                                                                                                                 |                    |
|                                                                                      |             | 30 OVER                                                    | ± 0.3  | APPROVED BY<br>NUKITA                                                                                                            | DATE<br>'04/07/13 |                                                    |                        |                                                                                                                 | MOLEX INCORPORATED |
|                                                                                      |             | ANGULAR ±3 °                                               |        | MATERIAL NO.<br>SEE CHART                                                                                                        |                   | DOCUMENT NO.<br>SD-52559-048                       | SHEET NO.<br>1 OF 2    |                                                                                                                 |                    |
|                                                                                      |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                   |                                                    |                        |                                                                                                                 |                    |
|                                                                                      |             | REV                                                        |        |                                                                                                                                  |                   |                                                    |                        |                                                                                                                 |                    |

F

E

D

C

B

A

F

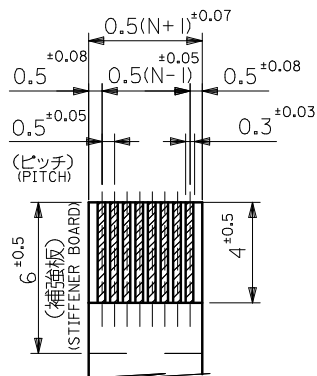
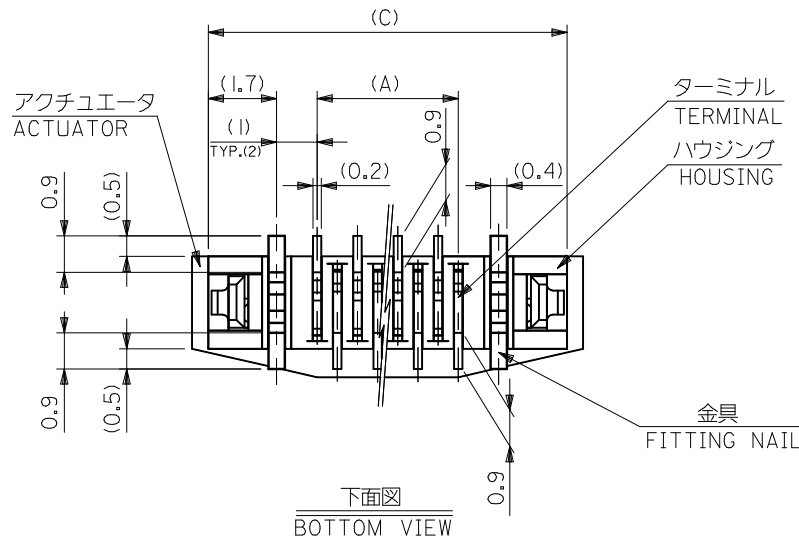
E

D

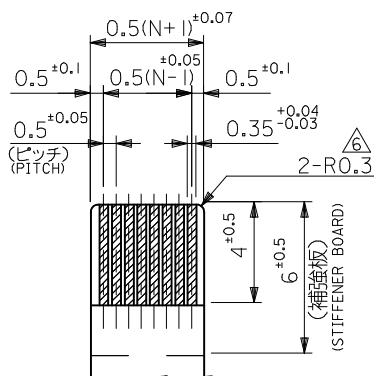
C

B

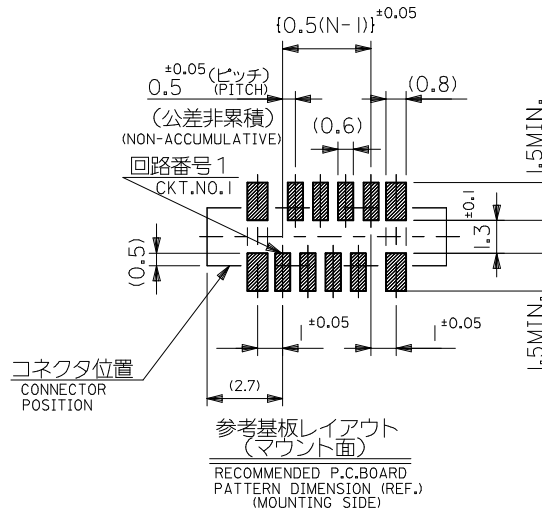
A



適合F F C推奨寸法  
APPLICABLE FFC  
RECOMMENDED DIMENSION.  
(仕上がり厚さ: 0.3<sup>+0.05</sup>/<sub>-0.05</sub>)  
(THICKNESS: 0.3<sup>+0.05</sup>/<sub>-0.05</sub>)



適合F P C推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION.  
(仕上がり厚さ: 0.3<sup>+0.05</sup>/<sub>-0.05</sub>)  
(THICKNESS: 0.3<sup>+0.05</sup>/<sub>-0.05</sub>)

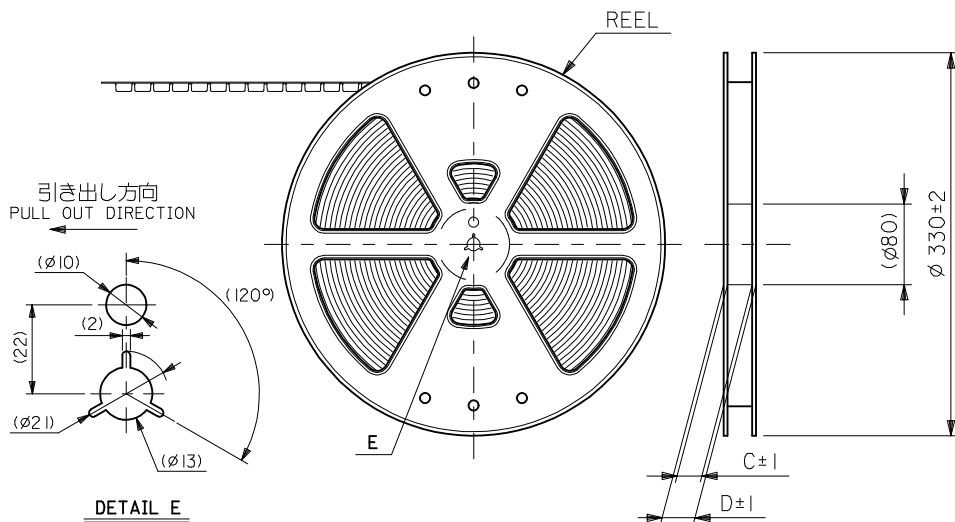


F P Cについて：  
打抜き方向は導体側から補強板側を推奨致します。  
補強フィルム材質はポリイミドを推奨致します。  
接着剤は熱硬化接着剤を推奨致します。

ABOUT FPC :  
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.  
RECOMMENDED MATERIAL :  
STIFFENER FILM : POLYIMIDE  
BONDING AGENT : THERMOSETTING BONDING AGENT

|      |      |       |      |              |            |
|------|------|-------|------|--------------|------------|
| 25.7 | 24.9 | 20.65 | 19.5 | 52559-4079   | 40         |
| 23.7 | 22.9 | 18.65 | 17.5 | -3679        | 36         |
| 22.2 | 21.4 | 17.15 | 16.0 | -3379        | 33         |
| 21.7 | 20.9 | 16.65 | 15.5 | -3279        | 32         |
| 21.2 | 20.4 | 16.15 | 15.0 | -3179        | 31         |
| 20.7 | 19.9 | 15.65 | 14.5 | -3079        | 30         |
| 20.2 | 19.4 | 15.15 | 14.0 | -2979        | 29         |
| 19.7 | 18.9 | 14.65 | 13.5 | -2879        | 28         |
| 19.2 | 18.4 | 14.15 | 13.0 | -2779        | 27         |
| 18.7 | 17.9 | 13.65 | 12.5 | -2679        | 26         |
| 18.2 | 17.4 | 13.15 | 12.0 | -2579        | 25         |
| 17.7 | 16.9 | 12.65 | 11.5 | -2479        | 24         |
| 17.2 | 16.4 | 12.15 | 11.0 | -2379        | 23         |
| 16.7 | 15.9 | 11.65 | 10.5 | -2279        | 22         |
| 16.2 | 15.4 | 11.15 | 10.0 | -2179        | 21         |
| 15.7 | 14.9 | 10.65 | 9.5  | -2079        | 20         |
| 15.2 | 14.4 | 10.15 | 9.0  | -1979        | 19         |
| 14.7 | 13.9 | 9.65  | 8.5  | -1879        | 18         |
| 14.2 | 13.4 | 9.15  | 8.0  | -1779        | 17         |
| 13.7 | 12.9 | 8.65  | 7.5  | -1679        | 16         |
| 13.2 | 12.4 | 8.15  | 7.0  | -1579        | 15         |
| 12.7 | 11.9 | 7.65  | 6.5  | -1479        | 14         |
| 12.2 | 11.4 | 7.15  | 6.0  | -1379        | 13         |
| 11.7 | 10.9 | 6.65  | 5.5  | -1279        | 12         |
| 11.2 | 10.4 | 6.15  | 5.0  | -1179        | 11         |
| 10.7 | 9.9  | 5.65  | 4.5  | -1079        | 10         |
| 10.2 | 9.4  | 5.15  | 4.0  | -0979        | 9          |
| 9.7  | 8.9  | 4.65  | 3.5  | -0879        | 8          |
| 8.7  | 7.9  | 3.65  | 2.5  | 52559-0679   | 6          |
| D    | C    | B     | (A)  | MATERIAL NO. | 極数<br>CKT. |

|                                                                                                                  |                                                            |                                          |                                                                                                                                  |                            |                   |                                 |                        |                           |  |  |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|---------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2012-0823<br>DRWN:KNAGUMO 2011/12/15<br>CHKD:KTAHASHI 2011/12/16<br>APPR:KMORIKAWA 2011/12/16 | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>---                    | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                  |                                                            | 10 UNDER                                 | ± 0.2                                                                                                                            | DRAWN BY<br>MNABEI         | DATE<br>'04/07/13 | TITLE<br>0.5 FPC CONN ASSY ZIF. |                        |                           |  |  |
|                                                                                                                  |                                                            | 10 OVER 30 UNDER                         | ± 0.25                                                                                                                           | CHECKED BY<br>KTOJO        | DATE<br>'04/07/13 |                                 |                        |                           |  |  |
|                                                                                                                  |                                                            | 30 OVER                                  | ± 0.3                                                                                                                            | APPROVED BY<br>NUKITA      | DATE<br>'04/07/13 | -LEAD FREE-                     |                        |                           |  |  |
|                                                                                                                  |                                                            | ANGULAR ±3 °                             |                                                                                                                                  | MATERIAL NO.               |                   | DOCUMENT NO.                    |                        | SHEET NO.                 |  |  |
|                                                                                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART                                                                                                                        |                            | SD-52559-048      |                                 | 2 OF 2                 |                           |  |  |
|                                                                                                                  | B                                                          | REV                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                   |                                 |                        |                           |  |  |



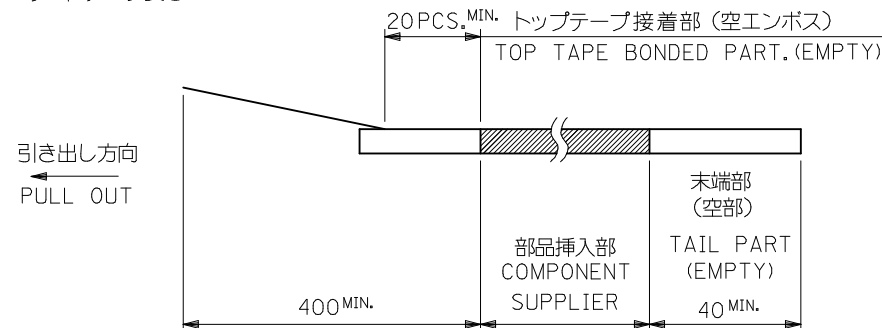
5. 材料      キャリアテープ:ポリプロピレン (PP)  
                 トップテープ:PET, PE, PEF  
                 リール:ポリスチレン (PS) <リサイクル材を含む>

MATERIAL CARRIER TAPE:POLYPROPYLENE  
TOP TAPE:PET,PE,PEF  
REEL:POLYSTYRENE (PS)  
<RECYCLE MATERIAL CONTAINED>

6. 本製品は 52559-\*\*-53 のエンボステープ違い品である。  
THIS PRODUCT IS EMBOSSED TAPE DIFFERENCE ARTICLE OF 52559-\*\*-53.  
7. 本製品は乾燥剤入り、ハイバリア梱包仕様である。  
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

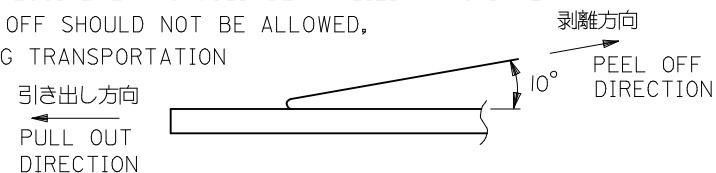
#### 注記 NOTES

- 製品番号 52559-\*\*-79 の梱包状態はアクチュエータがロックした状態とする。  
詳細寸法については 製品単体図面を参照下さい。  
IN THE PACKAGE,ACTUATOR OF PART NO.52559-\*\*-79 SHOULD BE LOCKED  
RE DETAILED DIMENSIONS,SEE ASSY DRAWING
- 梱包数量:1000個/リール  
NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



4. トップテープの剥離強度: (剥離方向は下図参照)  
0.1N~1.3N {10gf~130gf}    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事。)  
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



|                                                                                                                                 |                                                            |                                          |                                                                                                                                  |                            |                   |                                                                     |                        |                           |  |  |              |  |  |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|---------------------------------------------------------------------|------------------------|---------------------------|--|--|--------------|--|--|
| REVISED<br>EC NO: J2013-0959<br>DRWN: TMORISHITA 2013/03/01<br>CHKD: KTAHASHI 2013/03/01<br>APPR: KMORIKAWA 2013/03/01<br>REV H | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>---                                                        | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |              |  |  |
|                                                                                                                                 |                                                            | 10 UNDER                                 | ± 0.2                                                                                                                            | DRAWN BY<br>MNABEI         | DATE<br>'04/07/13 | TITLE<br>0.5 FPC CONN ASSY ZIF<br>FOR SMT EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |              |  |  |
|                                                                                                                                 |                                                            | 10 OVER 30 UNDER                         | ± 0.25                                                                                                                           | CHECKED BY<br>KTOJO        | DATE<br>'04/07/13 |                                                                     |                        |                           |  |  |              |  |  |
|                                                                                                                                 |                                                            | 30 OVER                                  | ± 0.3                                                                                                                            | APPROVED BY<br>NUKITA      | DATE<br>'04/07/13 | molex                                                               |                        |                           |  |  |              |  |  |
|                                                                                                                                 |                                                            | ANGULAR ±3 °                             |                                                                                                                                  | MATERIAL NO.               |                   |                                                                     |                        |                           |  |  | DOCUMENT NO. |  |  |
|                                                                                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART                                                                                                                        |                            | SD-52559-049      |                                                                     |                        |                           |  |  | 1 OF 4       |  |  |
|                                                                                                                                 |                                                            |                                          | 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

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F

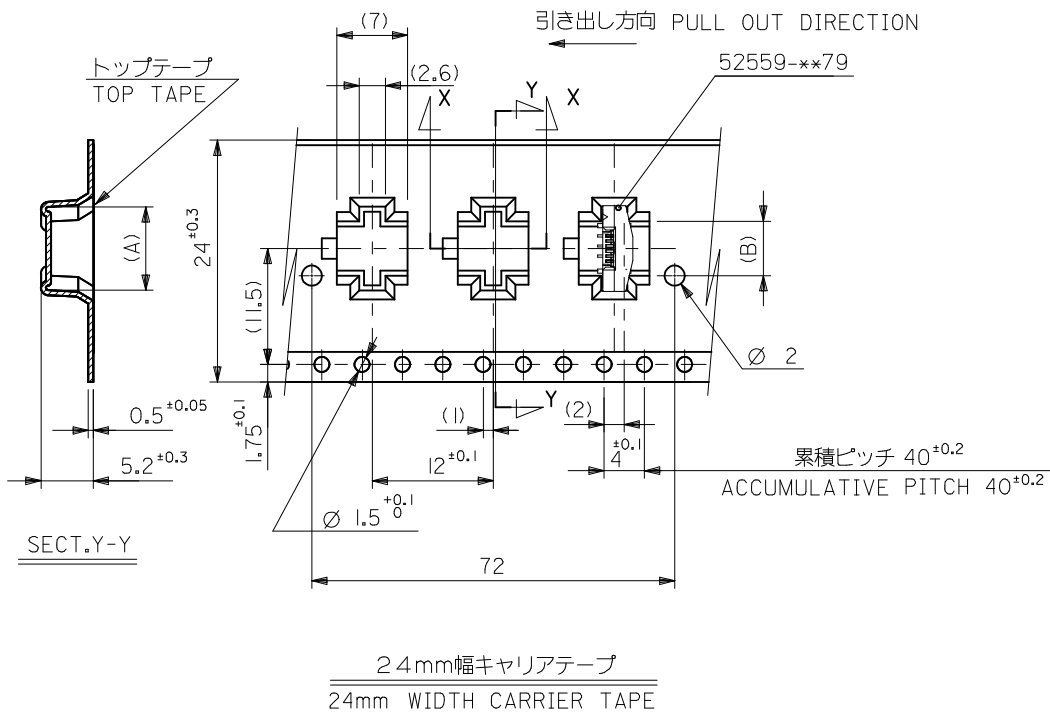
E

D

C

B

A



|                                |      |      |      |      |              |             |
|--------------------------------|------|------|------|------|--------------|-------------|
| 24                             | 29.4 | 25.4 | 14.4 | 17.3 | 52559-2452   | 24          |
|                                |      |      | 13.9 | 16.8 | 52559-2352   | 23          |
|                                |      |      | 12.9 | 15.8 | 52559-2152   | 21          |
|                                |      |      | 12.4 | 15.3 | 52559-2052   | 20          |
|                                |      |      | 10.9 | 13.8 | 52559-1752   | 17          |
|                                |      |      | 10.4 | 13.3 | 52559-1652   | 16          |
|                                |      |      | 9.9  | 12.8 | 52559-1552   | 15          |
|                                |      |      | 9.4  | 12.3 | 52559-1452   | 14          |
|                                |      |      | 8.4  | 11.3 | 52559-1252   | 12          |
|                                |      |      | 7.4  | 10.3 | 52559-1052   | 10          |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | D    | C    | 6.9  | 9.8  | 52559-0952   | 9           |
|                                |      |      | 5.4  | 8.3  | 52559-0652   | 6           |
|                                |      |      | (B)  | (A)  | MATERIAL NO. | CIRCUIT NO. |

|                                                                                                                          |                                                            |                                          |           |                            |                                                                                                                                  |                                                                     |                        |                           |  |  |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-----------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2013-0959<br>DRWN: TMORISHITA 2013/03/01<br>CHKD: KTAKAHASHI 2013/03/01<br>APPR: KMORIKAWA 2013/03/01 | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |           | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                                        | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                          |                                                            | 10 UNDER                                 | ±0.2      | DRAWN BY<br>MNABEI         | DATE<br>'04/07/13                                                                                                                | TITLE<br>0.5 FPC CONN ASSY ZIF<br>FOR SMT EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |
|                                                                                                                          |                                                            | 10 OVER 30 UNDER                         | ±0.25     | CHECKED BY<br>KTOJO        | DATE<br>'04/07/13                                                                                                                |                                                                     |                        |                           |  |  |
|                                                                                                                          |                                                            | 30 OVER                                  | ±0.3      | APPROVED BY<br>NUKITA      | DATE<br>'04/07/13                                                                                                                | molex                                                               |                        |                           |  |  |
|                                                                                                                          |                                                            | ANGULAR ±3 °                             |           | MATERIAL NO.               |                                                                                                                                  |                                                                     |                        |                           |  |  |
|                                                                                                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART |                            | SD-52559-049                                                                                                                     |                                                                     |                        | 2 OF 4                    |  |  |
|                                                                                                                          | REV                                                        |                                          |           | 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

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

E

D

C

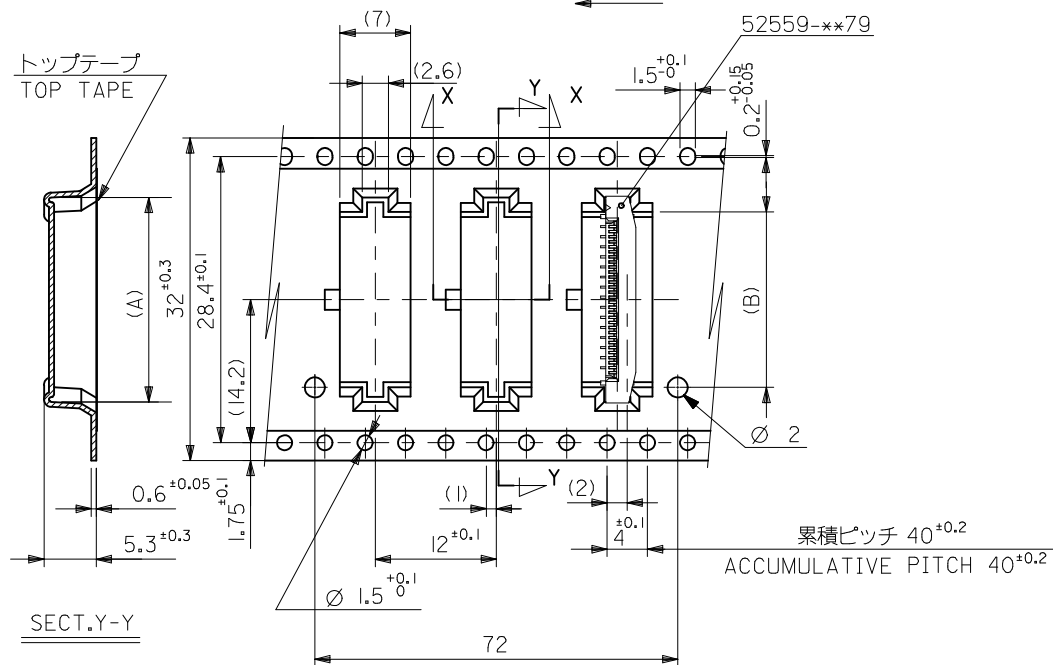
B

A

引き出し方向 PULL OUT DIRECTION

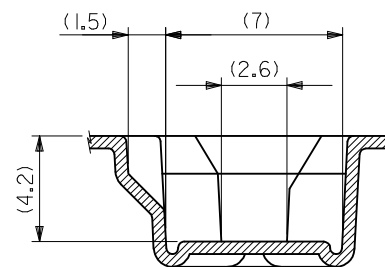
52559-\*\*79

トップテープ  
TOP TAPE



SECT.Y-Y

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



SECT.X-X

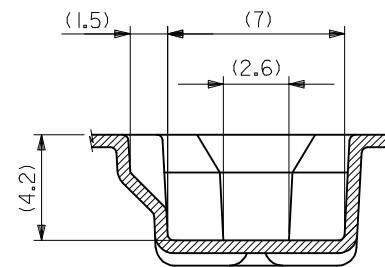
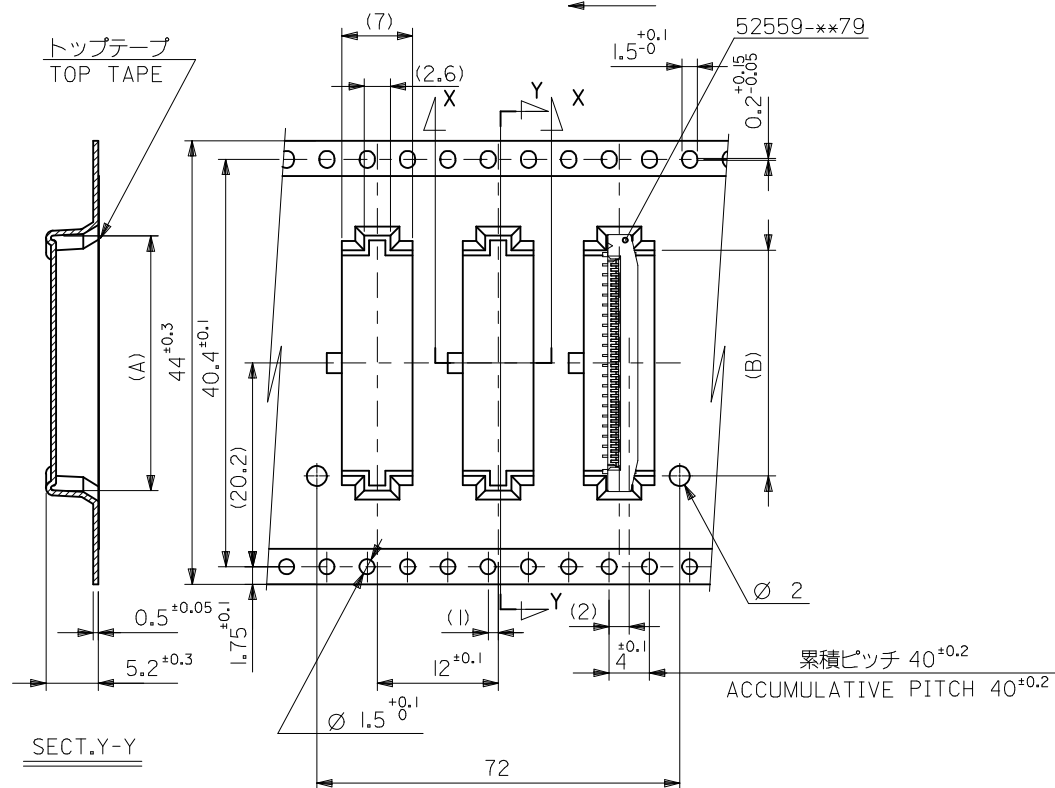
|                                |      |      |      |      |              |             |
|--------------------------------|------|------|------|------|--------------|-------------|
| 32                             | 37.4 | 33.4 | 18.4 | 21.3 | 52559-3252   | 32          |
|                                |      |      | 17.4 | 20.3 | 52559-3052   | 30          |
|                                |      |      | 16.4 | 19.3 | 52559-2852   | 28          |
|                                |      |      | 15.9 | 18.8 | 52559-2752   | 27          |
|                                |      |      | 15.4 | 18.3 | 52559-2652   | 26          |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | D    | C    | (B)  | (A)  | MATERIAL NO. | CIRCUIT NO. |

|                                                                                                                         |             |                                                            |                                                                                                                                  |                            |                   |                                                                                     |                        |                           |  |  |
|-------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|-------------------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2013-0959<br>DRWN: TMORISHITA 2013/03/01<br>CHKD: TAKAHASHI 2013/03/01<br>APPR: KMORIKAWA 2013/03/01 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>---                                                                        | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                         |             | 10 UNDER                                                   | ± 0.2                                                                                                                            | DRAWN BY<br>MNABEI         | DATE<br>'04/07/13 | TITLE<br>0.5 FPC CONN ASSY ZIF<br>FOR SMT EMBSTP PKG<br>-LEAD FREE-<br><b>molex</b> |                        |                           |  |  |
|                                                                                                                         |             | 10 OVER 30 UNDER                                           | ± 0.25                                                                                                                           | CHECKED BY<br>KTOJO        | DATE<br>'04/07/13 |                                                                                     |                        |                           |  |  |
|                                                                                                                         |             | 30 OVER                                                    | ± 0.3                                                                                                                            | APPROVED BY<br>NUKITA      | DATE<br>'04/07/13 |                                                                                     |                        |                           |  |  |
|                                                                                                                         |             | ANGULAR ±3 °                                               |                                                                                                                                  | MATERIAL NO.               |                   | DOCUMENT NO.                                                                        |                        | SHEET NO.                 |  |  |
|                                                                                                                         |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  | SEE CHART                  |                   | SD-52559-049                                                                        |                        | 3 OF 4                    |  |  |
|                                                                                                                         | 1           | REV                                                        | 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

10 9 8 7 6 5 4 3 2 1

引き出し方向 PULL OUT DIRECTION



SECT.X-X

44mm幅キャリアテープ  
44mm WIDTH CARRIER TAPE

|                                                                                                                                          |      |                   |              |                                                                            |                           |    |           |  |
|------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------|----------------------------------------------------------------------------|---------------------------|----|-----------|--|
| 44                                                                                                                                       | 49.4 | 45.4              | 22.4         | 25.3                                                                       | 52559-4052                | 40 |           |  |
| キャリアテープ幅<br>CARRIER TAPE WIDTH                                                                                                           | D    | C                 | 20.4         | 23.3                                                                       | 52559-3652                | 36 |           |  |
| DIMENSION STYLE<br>MM ONLY                                                                                                               |      |                   | SCALE<br>--- | DESIGN UNITS<br>METRIC                                                     | THIRD ANGLE<br>PROJECTION |    |           |  |
| DRAWN BY<br>MNABEI                                                                                                                       |      | DATE<br>'04/07/13 |              | 0.5 FPC CONN ASSY ZIF<br>FOR SMT EMBSTP PKG<br>-LEAD FREE-<br><b>molex</b> |                           |    |           |  |
| CHECKED BY<br>KTOJO                                                                                                                      |      | DATE<br>'04/07/13 |              |                                                                            |                           |    |           |  |
| APPROVED BY<br>NUKITA                                                                                                                    |      | DATE<br>'04/07/13 |              |                                                                            |                           |    |           |  |
| MATERIAL NO.                                                                                                                             |      | DOCUMENT NO.      |              |                                                                            |                           |    | SHEET NO. |  |
| SEE CHART                                                                                                                                |      | SD-52559-049      |              |                                                                            |                           |    | 4 OF 4    |  |
| SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |      |                   |              |                                                                            |                           |    |           |  |