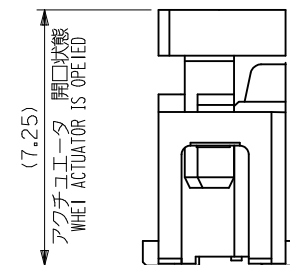
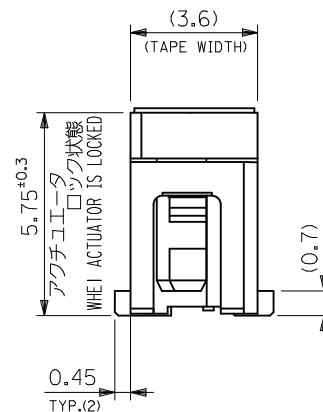
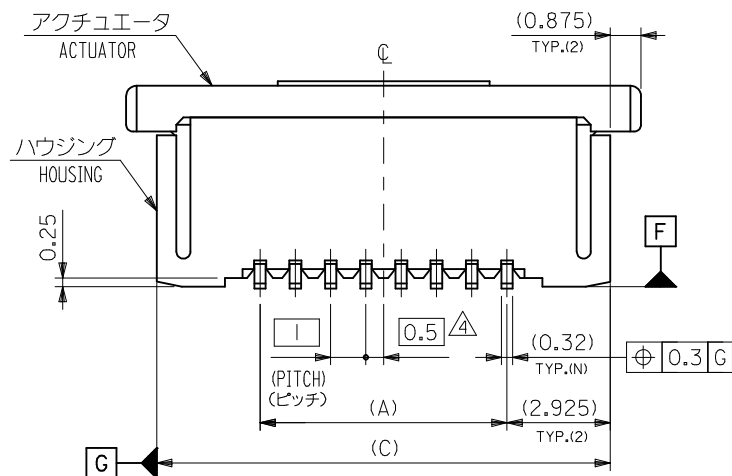
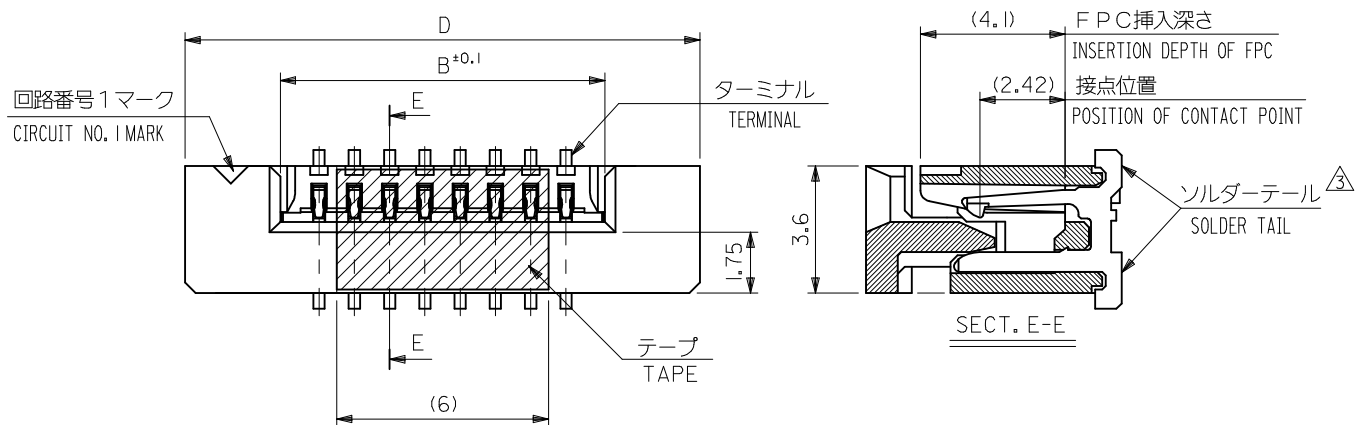
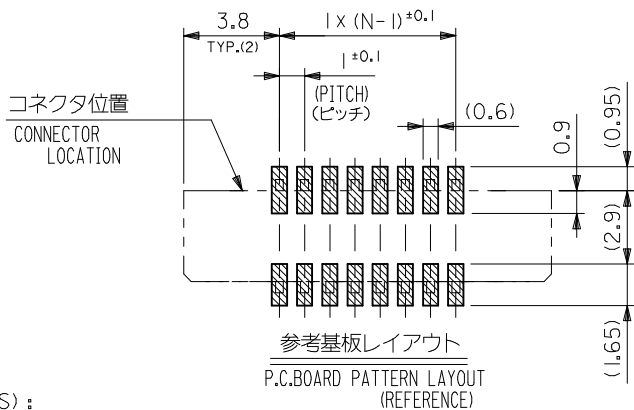
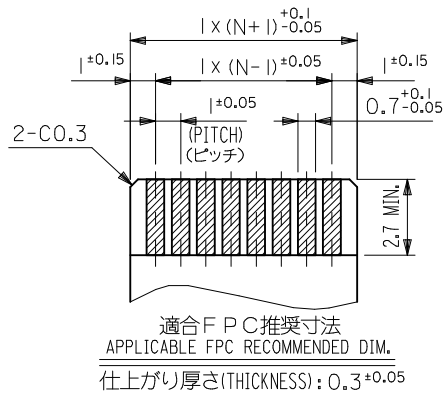


10 9 8 7 6 5 4 3 2 1



|                                                                                                                           |                                                            |                                          |           |                            |                                                                                                                                  |                                                                   |                        |                           |  |  |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-----------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2014-0169<br>2013/07/25<br>DRAWN: INOUE01<br>2013/07/29<br>CHKD: HIJIMA<br>2013/08/05<br>APPR: YNOGAWA | 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>H.SHIMABUKUR   | DATE<br>'04/3/17                                                                                                                 | TITLE<br>1.0 FPC CONN ZIF FOR SMT<br>(ST)WITH TAPE<br>-LEAD FREE- |                        |                           |  |  |
|                                                                                                                           |                                                            | 10 OVER 30 UNDER                         | ±0.25     | CHECKED BY<br>K.TOJO       | DATE<br>'04/3/17                                                                                                                 |                                                                   |                        |                           |  |  |
|                                                                                                                           |                                                            | 30 OVER                                  | ±0.3      | APPROVED BY<br>M.SASAO     | DATE<br>'04/3/17                                                                                                                 | DOCUMENT NO.<br>SD-52610-034                                      |                        |                           |  |  |
|                                                                                                                           |                                                            | ANGULAR ±3 °                             |           | MATERIAL NO.               |                                                                                                                                  |                                                                   |                        |                           |  |  |
|                                                                                                                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART |                            |                                                                                                                                  |                                                                   |                        |                           |  |  |
|                                                                                                                           | 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



注記 (NOTES) :

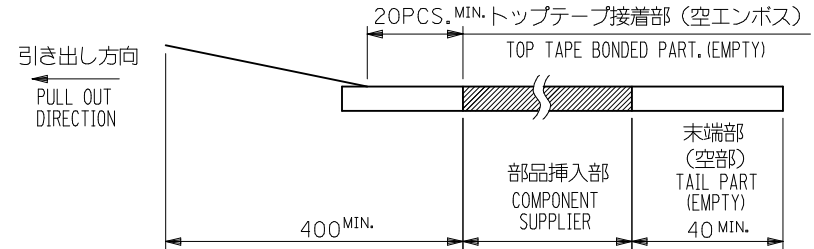
- 材料 (MATERIAL)  
ハウジング (HOUSING) : 46NYLON , UL94V-0  
アクチュエータ (ACTUATOR) : PPS , UL94V-0  
ターミナル (TERMINAL) : リン青銅、ニッケル下地、錫-ビスマスメッキ (t0.32)  
PHOS-BRO. TIN-BISMUTH OVER NICKEL PLATED (A)
- エンボステープ梱包時は、アクチュエータがロックした状態とする。  
IN THE PACKAGE , ACTUATOR OF PART NO. 52610-\*\*59 SHOULD BE LOCKED.
- ③ ソルダータール半田付け面のズレ量は、基準面 [F] に対し上方向 0.05 MAX.  
下方向 0.15 MAX. とする。  
MISALIGNMENT OF SOLDER TAILS FROM [F] UPPER DIRECTION : 0.05 MAX. ,  
LOWER DIRECTION : 0.15 MAX.
- ④ 偶数極に適用。  
APPLY FOR EVEN CIRCUIT.
5. 本製品は 52610-\*\*57 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 52610-\*\*57

|      |       |      |     |               |      |
|------|-------|------|-----|---------------|------|
| 36.6 | 34.85 | 31.2 | 29  | 52610-3059    | 30   |
| 35.6 | 33.85 | 30.2 | 28  | -2959         | 29   |
| 34.6 | 32.85 | 29.2 | 27  | -2859         | 28   |
| 33.6 | 31.85 | 28.2 | 26  | -2759         | 27   |
| 32.6 | 30.85 | 27.2 | 25  | -2659         | 26   |
| 31.6 | 29.85 | 26.2 | 24  | -2559         | 25   |
| 30.6 | 28.85 | 25.2 | 23  | -2459         | 24   |
| 29.6 | 27.85 | 24.2 | 22  | -2359         | 23   |
| 28.6 | 26.85 | 23.2 | 21  | -2259         | 22   |
| 27.6 | 25.85 | 22.2 | 20  | -2159         | 21   |
| 26.6 | 24.85 | 21.2 | 19  | -2059         | 20   |
| 25.6 | 23.85 | 20.2 | 18  | -1959         | 19   |
| 23.6 | 21.85 | 18.2 | 16  | -1759         | 17   |
| 22.6 | 20.85 | 17.2 | 15  | -1659         | 16   |
| 21.6 | 19.85 | 16.2 | 14  | -1559         | 15   |
| 20.6 | 18.85 | 15.2 | 13  | -1459         | 14   |
| 19.6 | 17.85 | 14.2 | 12  | -1359         | 13   |
| 18.6 | 16.85 | 13.2 | 11  | -1259         | 12   |
| 17.6 | 15.85 | 12.2 | 10  | -1159         | 11   |
| 16.6 | 14.85 | 11.2 | 9   | -1059         | 10   |
| 15.6 | 13.85 | 10.2 | 8   | -0959         | 9    |
| 14.6 | 12.85 | 9.2  | 7   | -0859         | 8    |
| 13.6 | 11.85 | 8.2  | 6   | -0759         | 7    |
| 12.6 | 10.85 | 7.2  | 5   | 52610-0659    | 6    |
| D    | (C)   | B    | (A) | MATERIAL. NO. | CKT. |

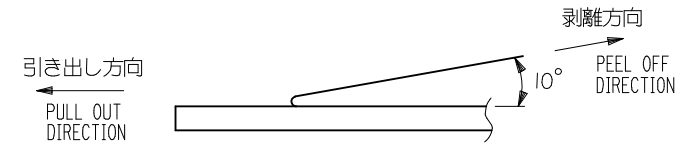
|                                                                                                                             |                                                            |                                          |                                                                                                                                  |                            |                   |                                                                   |                        |                           |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|-------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2014-0169<br>2013/07/25<br>DRWN: NINOUE01<br>CHKD: H I JIMA<br>2013/07/29<br>APPR: YNOGAWA<br>2013/08/05 | 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>H. SHIMABUKUR  | DATE<br>'04/31/17 | TITLE<br>1.0 FPC CONN ZIF FOR SMT<br>(ST)WITH TAPE<br>-LEAD FREE- |                        |                           |  |  |
|                                                                                                                             |                                                            | 10 OVER 30 UNDER                         | ± 0.25                                                                                                                           | CHECKED BY<br>K. TOJO      | DATE<br>'04/31/17 |                                                                   |                        |                           |  |  |
|                                                                                                                             |                                                            | 30 OVER                                  | ± 0.3                                                                                                                            | APPROVED BY<br>M. SASAO    | DATE<br>'04/31/17 | molex                                                             |                        |                           |  |  |
|                                                                                                                             |                                                            | ANGULAR ±3 °                             |                                                                                                                                  | MATERIAL NO.               |                   |                                                                   |                        |                           |  |  |
|                                                                                                                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART                                                                                                                        |                            | SD-52610-034      |                                                                   |                        | 2 OF 2                    |  |  |
|                                                                                                                             | B                                                          | REV                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                   |                                                                   |                        |                           |  |  |

# NOTES

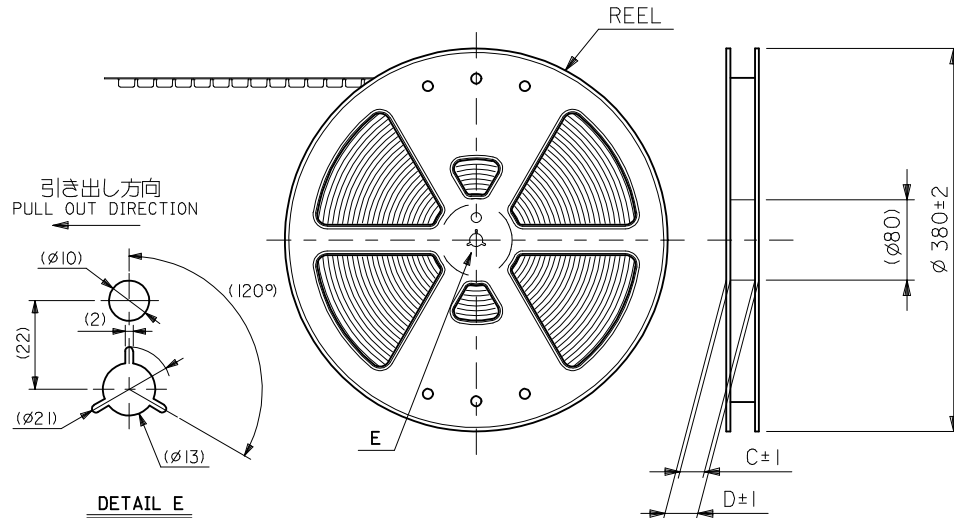
- 梱包数量：1000個/リール  
NUMBER OF CONNECTORS : 1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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.

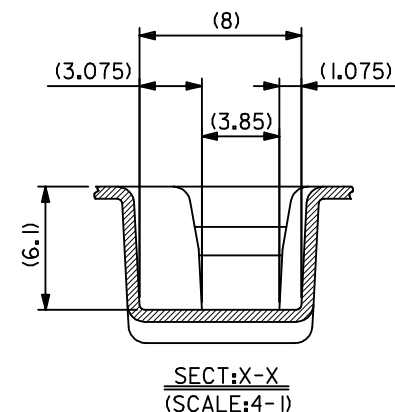
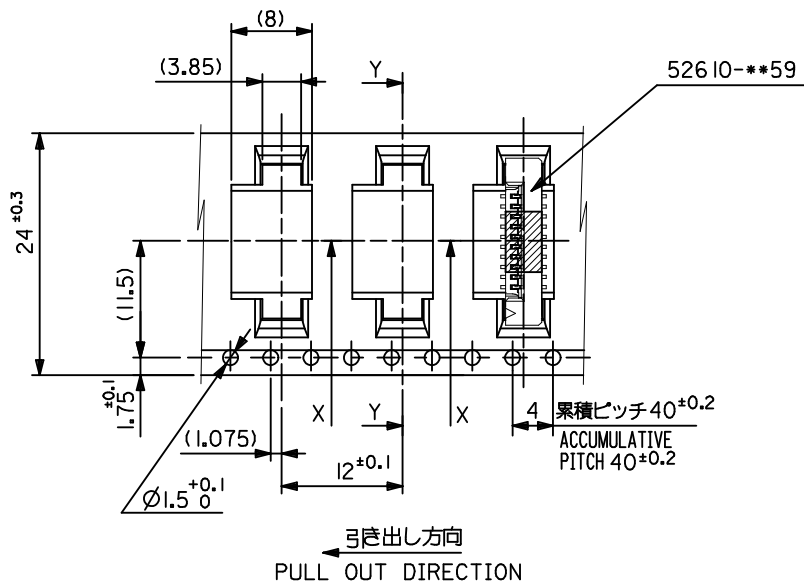
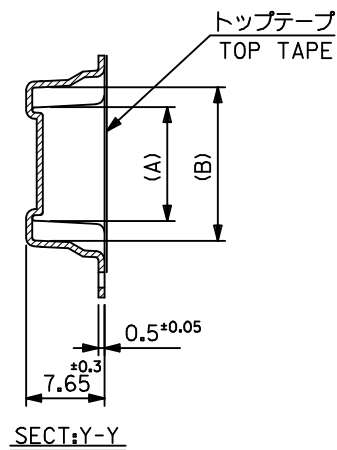


- 52610-\*\*-59のアクチュエータはハウジング内に押し下げた状態とする。  
詳細寸法については 製品単体図面を参照下さい。  
ACTUATOR OF PART NO.52610-\*\*-59 SHOULD BE LOCKED.  
FOR DETAIL OF CONNECTOR DIMENSIONS, PLEASE SEE THE  
DRAWING OF ITSELF.
- 材料 (MATERIAL)  
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)  
トップテープ (TOPTAPE) : PET , PE , PEF  
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 52610-\*\*-94 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 52610-\*\*-94
- 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.



52610-\*\*-75 MODEL NO.

|                                                                               |             |                                                                                                                                          |       |                            |                    |                                                                      |                        |                           |  |  |              |  |           |
|-------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|--------------------|----------------------------------------------------------------------|------------------------|---------------------------|--|--|--------------|--|-----------|
| REVISED<br>EC NO.: J2014-0169<br>DRAWN INQJ001<br>CHKD:H11JMA<br>APPR:YNOGAWA | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                 |       | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>---                                                         | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |              |  |           |
|                                                                               |             | 10 UNDER                                                                                                                                 | ±0.3  | DRAWN BY<br>H.SHIMABUKU    | DATE<br>2004/03/17 | TITLE<br>1.0 FPC CONN SMT ZIF<br>WITH TAPE EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |              |  |           |
|                                                                               |             | 10 OVER 30 UNDER                                                                                                                         | ±0.25 | CHECKED BY<br>K.TOJO       | DATE<br>2004/03/17 |                                                                      |                        |                           |  |  |              |  |           |
|                                                                               |             | 30 OVER                                                                                                                                  | ±0.2  | APPROVED BY<br>M.SASAO     | DATE<br>2004/03/17 | molex                                                                |                        |                           |  |  |              |  |           |
|                                                                               |             | ANGULAR ±3 °                                                                                                                             |       | MATERIAL NO.               |                    |                                                                      |                        |                           |  |  | DOCUMENT NO. |  | SHEET NO. |
|                                                                               |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                               |       | SEE CHART                  |                    |                                                                      |                        |                           |  |  | SD-52610-035 |  | 1 OF 5    |
| REV                                                                           |             | SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                            |                    |                                                                      |                        |                           |  |  |              |  |           |



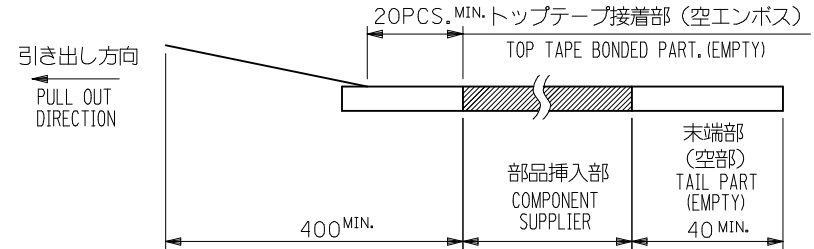
52610-\*\*\*75  
MODEL. NO.

|                                |      |      |       |       |               |            |
|--------------------------------|------|------|-------|-------|---------------|------------|
| 24                             | 29.4 | 25.4 | 15.25 | 11.32 | 52610-1075    | 10         |
|                                |      |      | 14.25 | 10.32 | 52610-0975    | 9          |
|                                |      |      | 13.25 | 9.32  | 52610-0875    | 8          |
|                                |      |      | 12.25 | 8.32  | 52610-0775    | 7          |
|                                |      |      | 11.25 | 7.32  | 52610-0675    | 6          |
| キャリアテープ幅<br>CARRIER TAPE WIDTH |      |      | (B)   | (A)   | MATERIAL. NO. | 極数<br>CKT. |

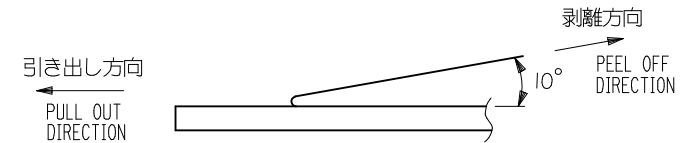
|                                                                                                                             |             |                                                            |        |                            |                                                                                                                                  |                                                                      |                        |                           |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2014-0169<br>DRWN: NINOUE01<br>CHKD: H I JIMA<br>APPR: YNOGAWA<br>2013/07/25<br>2013/07/29<br>2013/08/05 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                                         | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                             |             | 10 UNDER                                                   | ± 0.3  | DRAWN BY<br>H. SHIMABUKUR  | DATE<br>2004/03/17                                                                                                               | TITLE<br>1.0 FPC CONN SMT ZIF<br>WITH TAPE EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |
|                                                                                                                             |             | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>K. TOJO      | DATE<br>2004/03/17                                                                                                               |                                                                      |                        |                           |  |  |
|                                                                                                                             |             | 30 OVER                                                    | ± 0.2  | APPROVED BY<br>M. SASAO    | DATE<br>2004/03/17                                                                                                               | DOCUMENT NO.<br>SD-52610-035                                         |                        |                           |  |  |
|                                                                                                                             |             | ANGULAR                                                    | ± 3 °  | MATERIAL NO.               |                                                                                                                                  |                                                                      |                        |                           |  |  |
|                                                                                                                             |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                  |                                                                                                                                  |                                                                      |                        |                           |  |  |
|                                                                                                                             | REV         |                                                            |        | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                      |                        |                           |  |  |

# NOTES

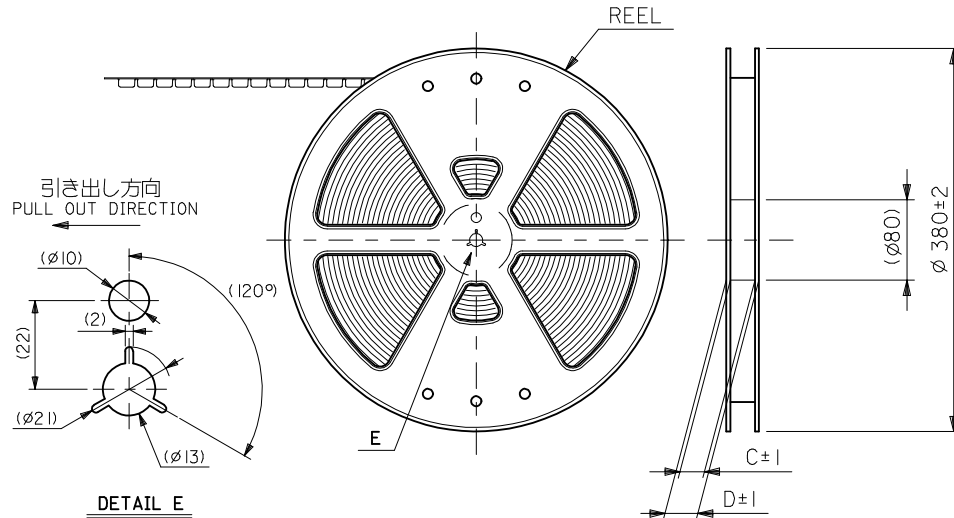
- 梱包数量：1000個/リール  
NUMBER OF CONNECTORS：1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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.

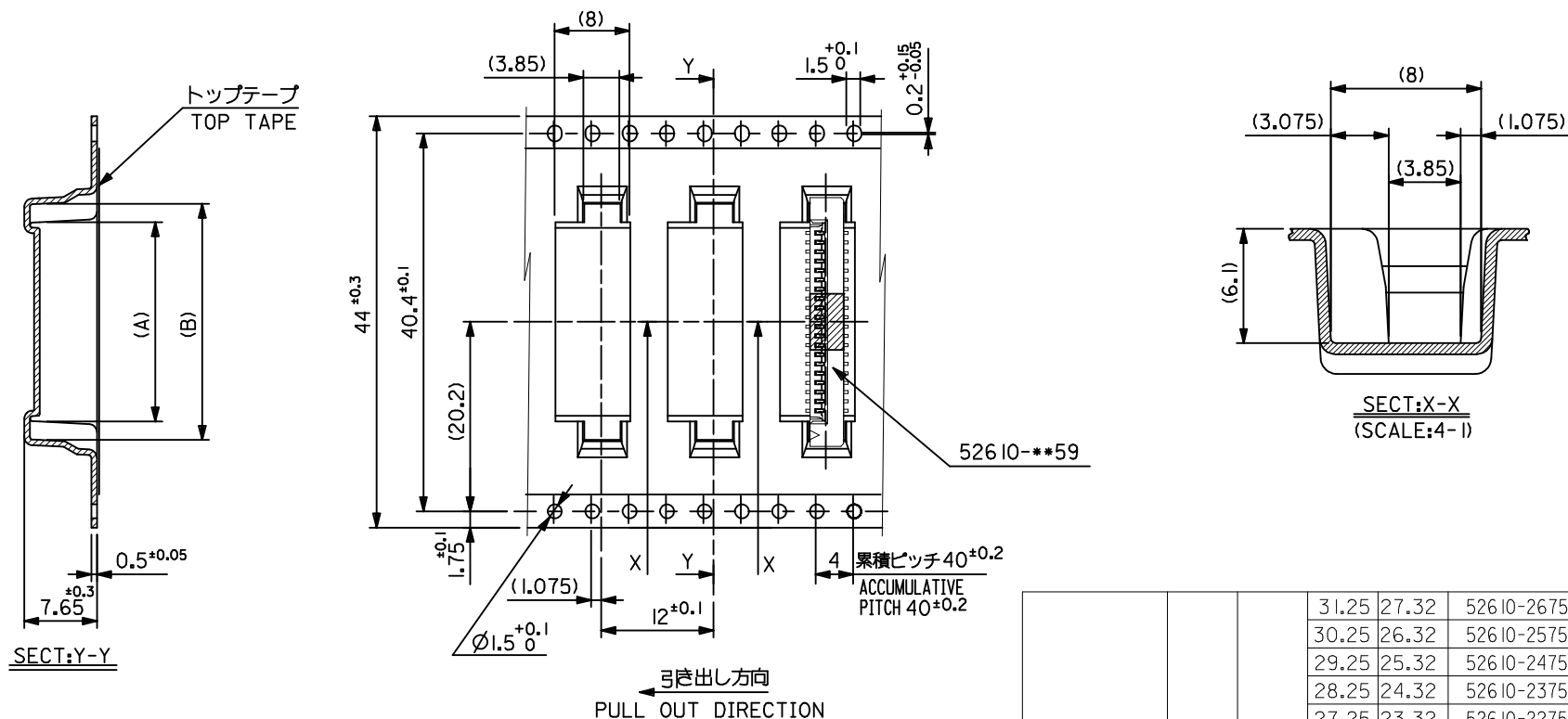


- 52610-\*\*-59のアクチュエータはハウジング内に押し下げた状態とする。  
詳細寸法については 製品単体図面を参照下さい。  
ACTUATOR OF PART NO.52610-\*\*-59 SHOULD BE LOCKED.  
FOR DETAIL OF CONNECTOR DIMENSIONS, PLEASE SEE THE DRAWING OF ITSELF.
- 材料 (MATERIAL)  
キャリアテープ (CARRIER TAPE)：ポリプロピレン (POLYPROPYLENE)  
トップテープ (TOPTAPE)：PET, PE, PEF  
リール (REEL)：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 52610-\*\*-94 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 52610-\*\*-94
- 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.



52610-\*\*-75 MODEL NO.

|                                                                              |                                                                                                                                  |                                                            |       |                            |                    |                                                                      |                        |                           |  |  |              |  |  |           |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------|----------------------------|--------------------|----------------------------------------------------------------------|------------------------|---------------------------|--|--|--------------|--|--|-----------|
| REVISED<br>EC NO: J2014-0169<br>DRAWN INQJ001<br>CHKD:H11JMA<br>APPR:YNOGAWA | DESCRIPTION                                                                                                                      | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>---                                                         | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |              |  |  |           |
|                                                                              |                                                                                                                                  | 10 UNDER                                                   | ±0.3  | DRAWN BY<br>H.SHIMABUKU    | DATE<br>2004/03/17 | TITLE<br>1.0 FPC CONN SMT ZIF<br>WITH TAPE EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |              |  |  |           |
|                                                                              |                                                                                                                                  | 10 OVER 30 UNDER                                           | ±0.25 | CHECKED BY<br>K.TOJO       | DATE<br>2004/03/17 |                                                                      |                        |                           |  |  |              |  |  |           |
|                                                                              |                                                                                                                                  | 30 OVER                                                    | ±0.2  | APPROVED BY<br>M.SASAO     | DATE<br>2004/03/17 | molex                                                                |                        |                           |  |  |              |  |  |           |
|                                                                              |                                                                                                                                  | ANGULAR ±3 °                                               |       | MATERIAL NO.               |                    |                                                                      |                        |                           |  |  | DOCUMENT NO. |  |  | SHEET NO. |
|                                                                              |                                                                                                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE CHART                  |                    |                                                                      |                        |                           |  |  | SD-52610-035 |  |  | 1 OF 5    |
| REV                                                                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                            |       |                            |                    |                                                                      |                        |                           |  |  |              |  |  |           |



|                                                                                                                            |                                                            |                                                                                                                                             |           |                            |                    |                                                                                           |                        |                           |  |  |
|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|--------------------|-------------------------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2014-0169<br>2013/07/25<br>DRWN: NINOUE01<br>2013/07/29<br>CHKD: H I JMA<br>2013/08/05<br>APPR: YNOGAWA | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                    |           | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>---                                                                              | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                            |                                                            | 10 UNDER                                                                                                                                    | ± 0.3     | DRAWN BY<br>H. SHIMABUKUR  | DATE<br>2004/03/17 | TITLE<br>1.0 FPC CONN SMT ZIF<br>WITH TAPE EMBOSTP PKG<br>-LEAD FREE-<br><br><b>molex</b> |                        |                           |  |  |
|                                                                                                                            |                                                            | 10 OVER 30 UNDER                                                                                                                            | ± 0.25    | CHECKED BY<br>K. TOJO      | DATE<br>2004/03/17 |                                                                                           |                        |                           |  |  |
|                                                                                                                            |                                                            | 30 OVER                                                                                                                                     | ± 0.2     | APPROVED BY<br>M. SASAO    | DATE<br>2004/03/17 |                                                                                           |                        |                           |  |  |
|                                                                                                                            |                                                            | ANGULAR                                                                                                                                     | ±3 °      | MATERIAL NO.               |                    | DOCUMENT NO.                                                                              |                        | SHEET NO.                 |  |  |
|                                                                                                                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                             | SEE CHART |                            | SD-52610-035       |                                                                                           | 4 OF 5                 |                           |  |  |
| B                                                                                                                          | REV                                                        | SIZE<br>A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |                            |                    |                                                                                           |                        |                           |  |  |



# Mouser Electronics

Authorized Distributor

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Molex:

52610-1275