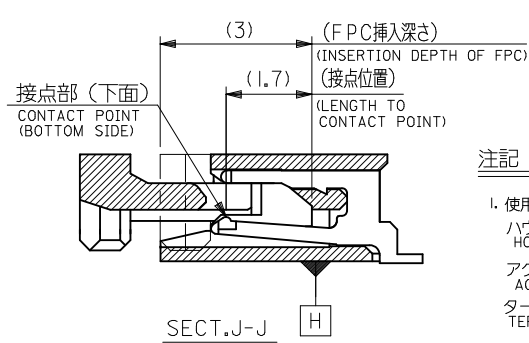
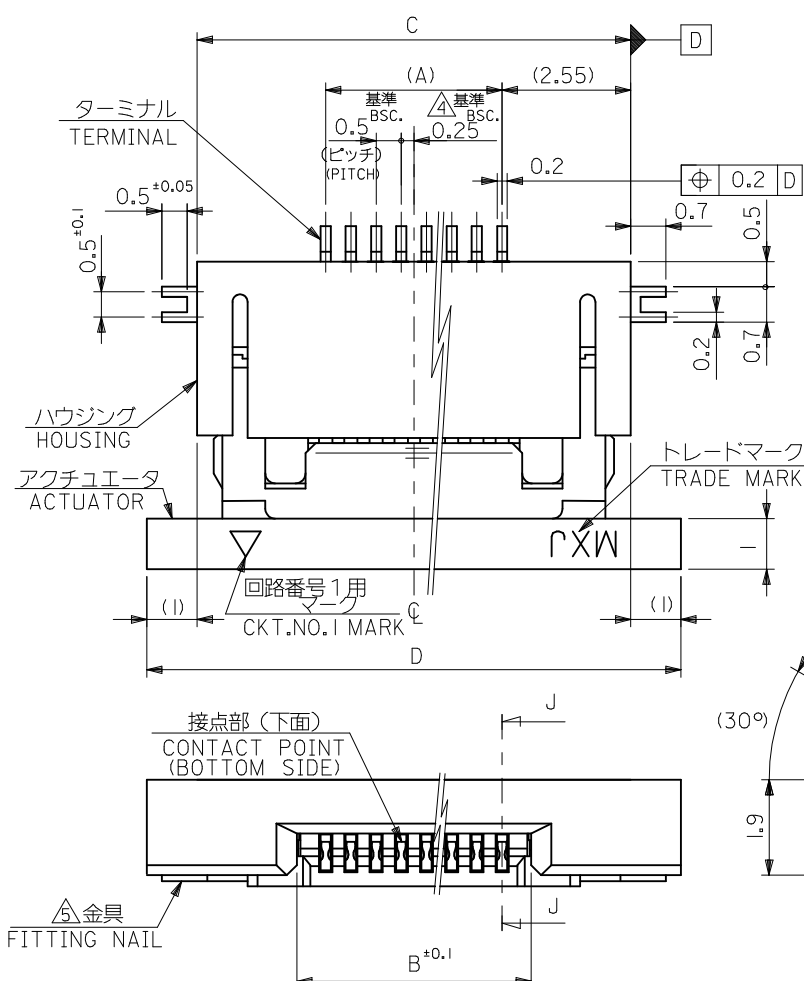
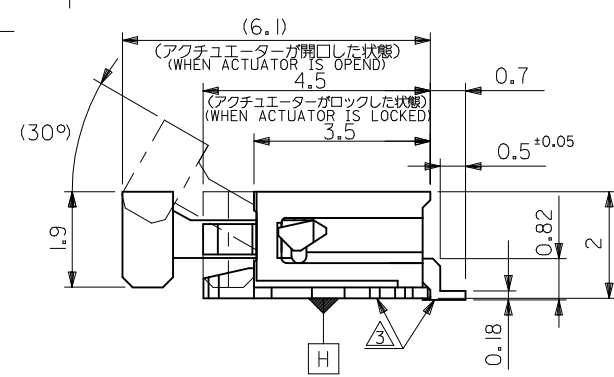


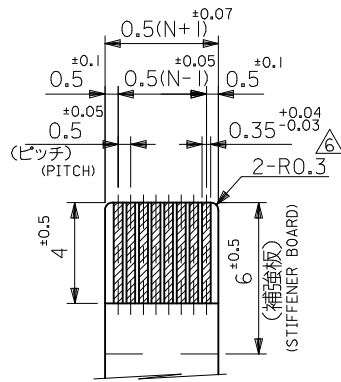


注記 NOTES

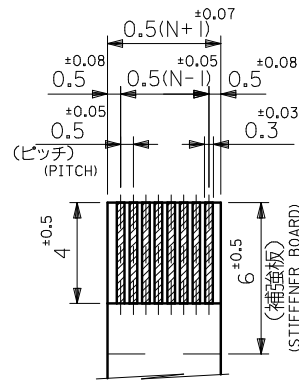
1. 使用材料 : MATERIAL  
ハウジング : 46ナイロン, UL94V-0  
HOUSING 46NYLON  
アクチュエータ : PPS, UL94V-0  
ACTUATOR  
ターミナル : リン青銅, 錫メッキ (t=0.2)  
TERMINAL PHOS-BRO.TIN-PLATED  
金具 : リン青銅, 錫メッキ (t=0.2)  
FITTING NAIL PHOS-BRO.TIN-PLATED
2. エンボステープ梱包時は、アクチュエータがロックした状態とする。  
IN THE PACKAGE, ACTUATOR OF PART NO.52437-\*\*27 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 H に対し上方向 0.1 MAX. , 下方向 0.15MAX.とする。  
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM H UPPER DIRECTION: 0.1 MAX. , LOWER DIRECTION: 0.15MAX.
- △ 偶数種に適用。  
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、FPCの導体部にカカらないこと。  
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
7. ソルダータールの平坦度は、0.1 MAXIMUMとする。  
SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM.



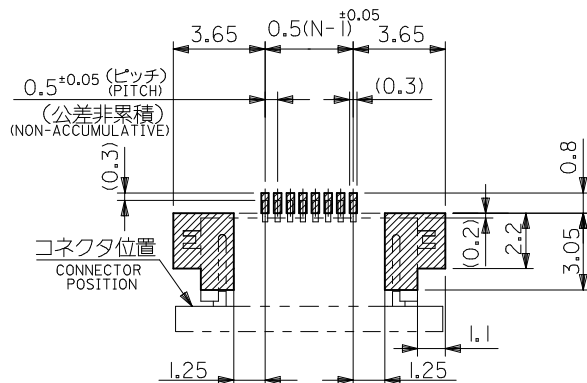
|                                                                                                                                |             |                                                                                                                                  |        |                            |                    |                                                          |                        |                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------|--------------------|----------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| REVISED<br>EC NO: J2014-1862<br>DRWNG: JASUNUMA<br>CHKD: KTAKAHASHI<br>APPR: YNOGAWA<br>2014/06/26<br>2014/06/26<br>2014/07/01 | 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>KNAGUMO        | DATE<br>2013/07/16 | TITLE<br>0.5 FPC CONN ZIF FOR SMT<br>R/A(BOTTOM CONTACT) |                        |                                                                                                                 |
|                                                                                                                                |             | 10 OVER 30 UNDER                                                                                                                 | ± 0.25 | CHECKED BY<br>KTAKAHASHI   | DATE<br>2013/07/16 |                                                          |                        |                                                                                                                 |
|                                                                                                                                |             | 30 OVER                                                                                                                          | ± 0.3  | APPROVED BY<br>YNOGAWA     | DATE<br>2013/08/02 |                                                          |                        |                                                                                                                 |
|                                                                                                                                |             | ANGULAR ±3 °                                                                                                                     |        | MATERIAL NO.               |                    |                                                          |                        |                                                                                                                 |
|                                                                                                                                | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |        | SEE CHART                  |                    | SD-52437-025                                             |                        | 1 OF 2                                                                                                          |
| A                                                                                                                              |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                            |                    |                                                          |                        |                                                                                                                 |



適合FPC推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION.  
(仕上がり厚さ: 0.3<sup>±0.05</sup>)  
(THICKNESS: 0.3<sup>±0.05</sup>)



適合FPC推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION.  
(仕上がり厚さ: 0.3<sup>±0.05</sup>)  
(THICKNESS: 0.3<sup>±0.05</sup>)



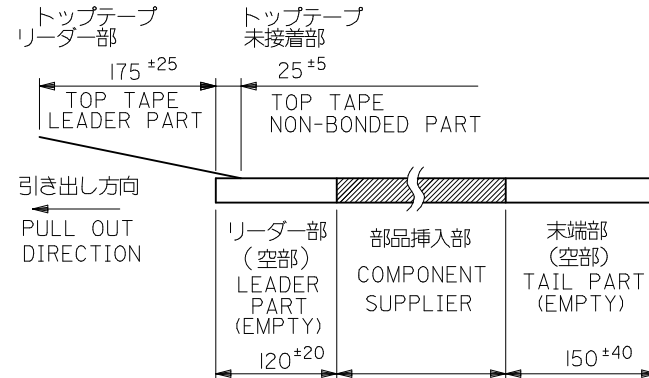
参考基板レイアウト  
(マウント面)  
RECOMMENDED P.C. BOARD  
PATTERN DIMENSION (REF.)  
(MOUNTING SIDE)

|      |      |       |      |            |    |
|------|------|-------|------|------------|----|
| 21.6 | 19.6 | 15.65 | 14.5 | 52437-3027 | 30 |
| 21.1 | 19.1 | 15.15 | 14.0 | -2927      | 29 |
| 20.1 | 18.1 | 14.15 | 13.0 | -2727      | 27 |
| 19.6 | 17.6 | 13.65 | 12.5 | -2627      | 26 |
| 18.6 | 16.6 | 12.65 | 11.5 | -2427      | 24 |
| 18.1 | 16.1 | 12.15 | 11.0 | -2327      | 23 |
| 17.6 | 15.6 | 11.65 | 10.5 | -2227      | 22 |
| 16.6 | 14.6 | 10.65 | 9.5  | -2027      | 20 |
| 15.6 | 13.6 | 9.65  | 8.5  | -1827      | 18 |
| 14.6 | 12.6 | 8.65  | 7.5  | -1627      | 16 |
| 14.1 | 12.1 | 8.15  | 7.0  | -1527      | 15 |
| 13.6 | 11.6 | 7.65  | 6.5  | -1427      | 14 |
| 13.1 | 11.1 | 7.15  | 6.0  | -1327      | 13 |
| 12.6 | 10.6 | 6.65  | 5.5  | -1227      | 12 |
| 11.6 | 9.6  | 5.65  | 4.5  | -1027      | 10 |
| 10.6 | 8.6  | 4.65  | 3.5  | -0827      | 8  |
| 10.1 | 8.1  | 4.15  | 3.0  | -0727      | 7  |
| 9.6  | 7.6  | 3.65  | 2.5  | 52437-0627 | 6  |
| D    | C    | B     | (A)  | ENG. NO.   | 極数 |

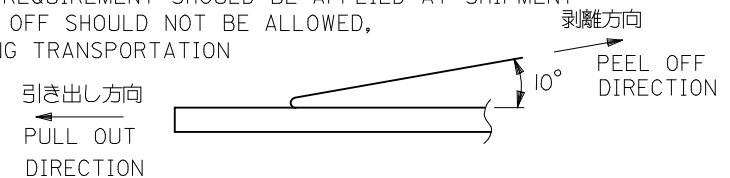
|                                                                                         |                                                            |                                                                                                                                  |           |                            |                     |                                                          |                        |                           |  |  |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|---------------------|----------------------------------------------------------|------------------------|---------------------------|--|--|
| SEE SHEET 1<br>EC NO.: J2014-1862<br>DRWN: JASUNUMA<br>CHKD: TAKAHASHI<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      | KNAGUMO                    | 2013/07/16          | TITLE<br>0.5 FPC CONN ZIF FOR SMT<br>R/A(BOTTOM CONTACT) |                        |                           |  |  |
|                                                                                         |                                                            | 10 OVER 30 UNDER                                                                                                                 | ±0.25     | KTAKAHASHI                 | 2013/07/16          |                                                          |                        |                           |  |  |
|                                                                                         |                                                            | 30 OVER                                                                                                                          | ±0.3      | YNOGAWA                    | 2013/08/02          | DOCUMENT NO.<br><b>molex</b><br>SD-52437-025             |                        |                           |  |  |
|                                                                                         |                                                            | ANGULAR ±3 °                                                                                                                     |           | MATERIAL NO.               |                     |                                                          |                        |                           |  |  |
|                                                                                         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  | SEE CHART |                            | SHEET NO.<br>2 OF 2 |                                                          |                        |                           |  |  |
| A                                                                                       | REV                                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |                            |                     |                                                          |                        |                           |  |  |

# 注記 NOTES

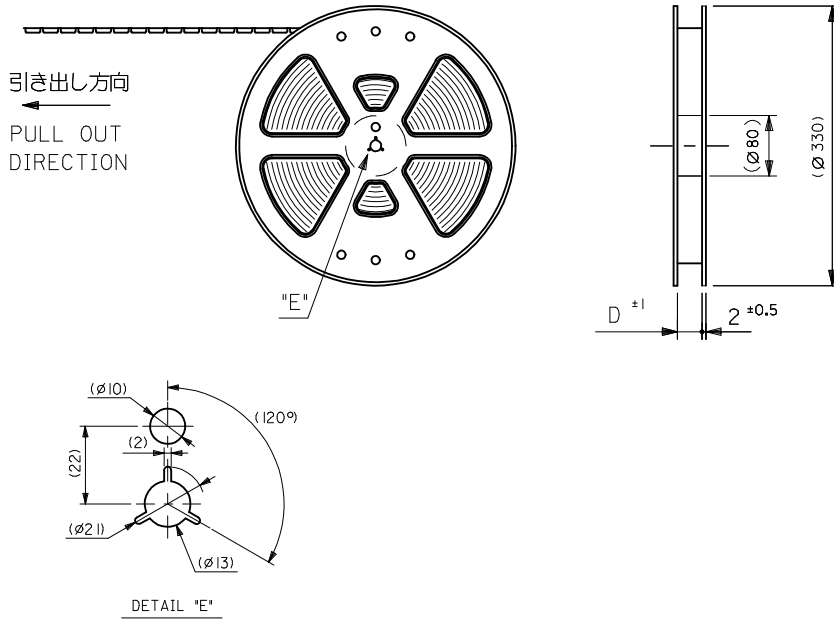
- 製品番号 52437-\*\*27 の梱包状態はアクチュエータがロックした状態とする。  
詳細寸法については図面 SD-52437-025 を参照下さい。  
IN THE PACKAGE,ACTUATOR OF PART NO.52437-\*\*27 SHOULD BE LOCKED  
RE DETAILED DIMENSIONS,SEE SD-52437-025
- 梱包数量：1000個／リール  
NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



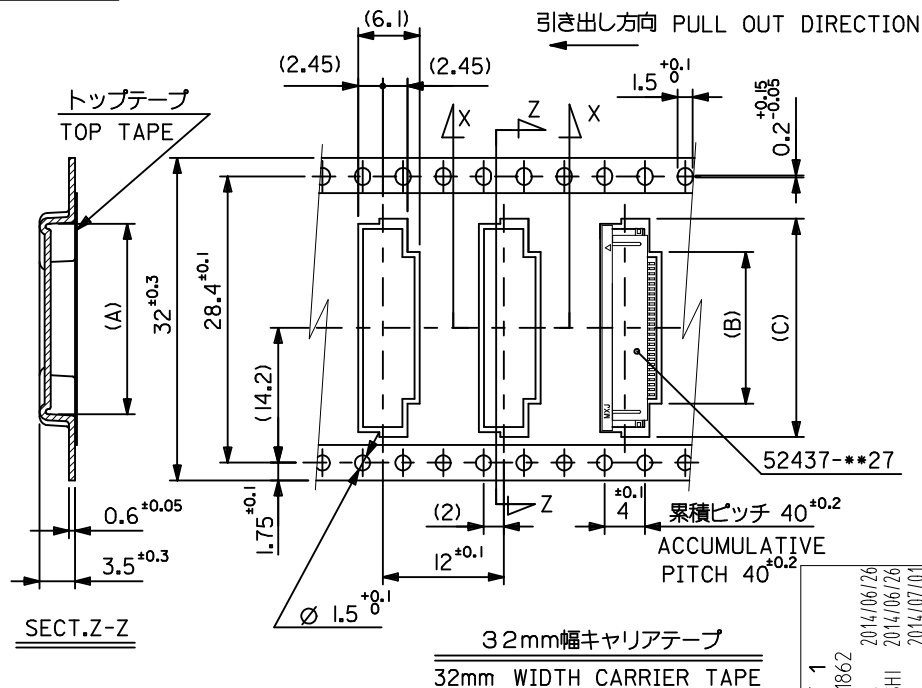
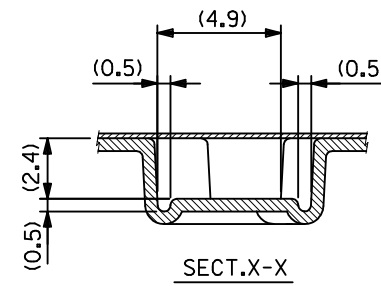
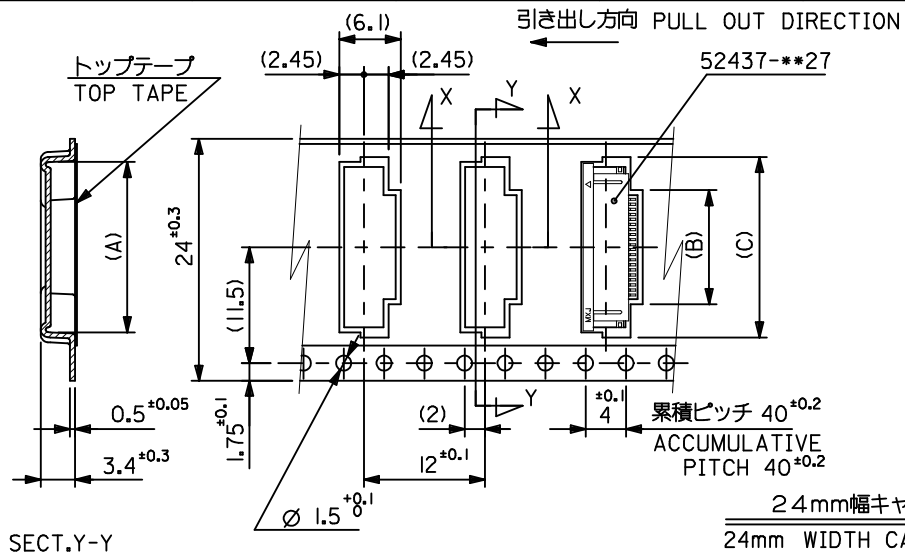
- トップテープの剥離強度：(剥離方向は下図参照)  
0.1N～0.7N (10.2gf～71.4gf) 尚、本規格値は、出荷時に適用。  
(但し、輸送時に剥離が発生しない事。)  
PEELING OFF FORCE OF TOP TAPE  
0.1N～0.7N(10.2gf～71.4gf)(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT  
PEEL OFF SHOULD NOT BE ALLOWED,  
DURING TRANSPORTATION



- 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>  
POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>



|         |                   |                                                                                                                                  |                               |                             |             |                                          |       |                            |                    |                                                  |                        |                           |  |
|---------|-------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------|-------------|------------------------------------------|-------|----------------------------|--------------------|--------------------------------------------------|------------------------|---------------------------|--|
| REVISED | EC NO: J2014-1862 | DRWN: JASUNUMA<br>2014/06/26                                                                                                     | CHKD: TAKAHASHI<br>2014/06/26 | APPR: YNOGAWA<br>2014/07/01 | 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>KNAGUMO        | DATE<br>2013/07/16 | TITLE<br>EMBOSSED TAPE PACKAGE<br>FOR 52437-**27 |                        |                           |  |
|         |                   |                                                                                                                                  |                               |                             |             | 10 OVER 30 UNDER                         | ± --- | CHECKED BY<br>KTAKAHASHI   | DATE<br>2013/07/16 |                                                  |                        |                           |  |
|         |                   |                                                                                                                                  |                               |                             |             | 30 OVER                                  | ± --- | APPROVED BY<br>YNOGAWA     | DATE<br>2013/08/02 | molex                                            |                        |                           |  |
|         |                   |                                                                                                                                  |                               |                             |             | ANGULAR ± --- °                          |       | MATERIAL NO.               |                    |                                                  |                        |                           |  |
| A       | REV               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |                               | SEE CHART                   |             | SD-52437-026                             |       | 1 OF 3                     |                    |                                                  |                        |                           |  |
|         |                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                             |             |                                          |       |                            |                    |                                                  |                        |                           |  |



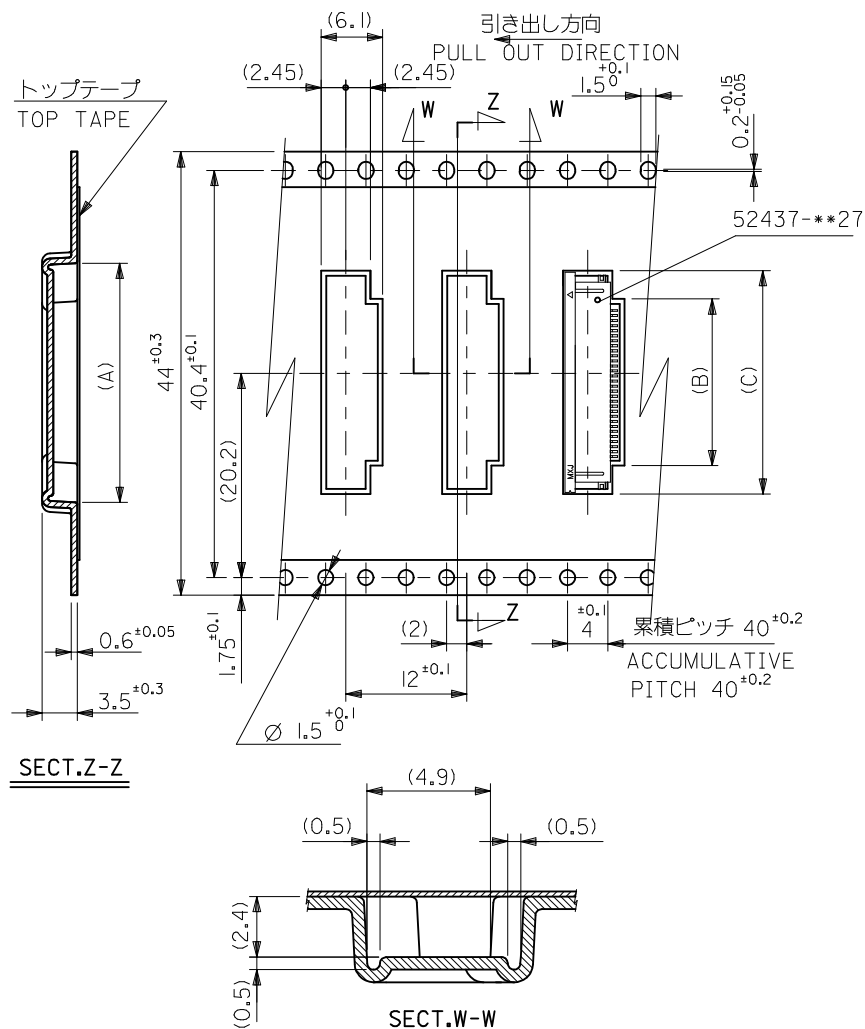
|                                |      |      |      |      |            |            |
|--------------------------------|------|------|------|------|------------|------------|
| 32                             | 33.5 | 22.4 | 15.8 | 21.4 | 52437-2991 | 29         |
|                                |      | 21.4 | 14.8 | 20.4 | -2791      | 27         |
|                                |      | 20.9 | 14.3 | 19.9 | -2691      | 26         |
|                                |      | 19.9 | 13.3 | 18.9 | -2491      | 24         |
|                                |      | 19.4 | 12.8 | 18.4 | -2391      | 23         |
| 24                             | 25.5 | 18.9 | 12.3 | 17.9 | -2291      | 22         |
|                                |      | 17.9 | 11.3 | 16.9 | -2091      | 20         |
|                                |      | 16.9 | 10.3 | 15.9 | -1891      | 18         |
|                                |      | 15.9 | 9.3  | 14.9 | -1691      | 16         |
|                                |      | 15.4 | 8.8  | 14.4 | -1591      | 15         |
|                                |      | 14.9 | 8.3  | 13.9 | -1491      | 14         |
|                                |      | 14.4 | 7.8  | 13.4 | -1391      | 13         |
|                                |      | 13.9 | 7.3  | 12.9 | -1291      | 12         |
|                                |      | 12.9 | 6.3  | 11.9 | -1091      | 10         |
|                                |      | 11.9 | 5.3  | 10.9 | -0891      | 8          |
|                                |      | 11.4 | 4.8  | 10.4 | -0791      | 7          |
|                                |      | 10.9 | 4.3  | 9.9  | 52437-0691 | 6          |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | D    | (C)  | (B)  | (A)  | ENG. NO.   | 板数<br>CKT. |

SEE SHEET 1  
EC NO: J2014-1862  
DRWN: JASUNUMA 2014/06/26  
CHKD: TAKAHASHI 2014/06/26  
APPR: YNOGAWA 2014/07/01

| 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                                                                                                       |                    | SCALE<br>---                                      | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
| DRAWN BY<br>KNAGUMO                                                                                                              | DATE<br>2013/07/16 | TITLE<br>EMBOSSED TAPE PACKAGE<br>FOR 52437-***27 |                        |                           |  |
| CHECKED BY<br>KTAKAHASHI                                                                                                         | DATE<br>2013/07/16 |                                                   |                        |                           |  |
| APPROVED BY<br>YNOGAWA                                                                                                           | DATE<br>2013/08/02 |                                                   |                        |                           |  |
| MATERIAL NO.<br>SEE CHART                                                                                                        |                    | DOCUMENT NO.<br>SD-52437-026                      |                        | SHEET NO.<br>2 OF 3       |  |
| 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



4mm幅キャリアテープ  
44mm WIDTH CARRIER TAPE

|                                |      |      |      |      |            |               |
|--------------------------------|------|------|------|------|------------|---------------|
| 44                             | 45.5 | 22.9 | 16.3 | 21.9 | 52437-3091 | 30            |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | D    | (C)  | (B)  | (A)  | ENG. NO.   | 極数<br>CIRCUIT |

|                            |                                                                                                                                  |                                                  |                        |                                                                                                                 |  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                     | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |  |
| DRAWN BY<br>KNAGUMO        | DATE<br>2013/07/16                                                                                                               | TITLE<br>EMBOSSED TAPR PACKAGE<br>FOR 52437-**27 |                        |                                                                                                                 |  |
| CHECKED BY<br>KTAKAHASHI   | DATE<br>2013/07/16                                                                                                               |                                                  |                        |                                                                                                                 |  |
| APPROVED BY<br>YNOGAWA     | DATE<br>2013/08/02                                                                                                               | <b>molex</b>                                     |                        |                                                                                                                 |  |
| MATERIAL NO.<br>SEE CHART  |                                                                                                                                  |                                                  |                        |                                                                                                                 |  |
|                            |                                                                                                                                  | DOCUMENT NO.<br>SD-52437-026                     |                        | SHEET NO.<br>3 OF 3                                                                                             |  |
| SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                  |                        |                                                                                                                 |  |

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

SEE SHEET 1  
EC NO: J2014-1862  
DRWN: JASUNUMA 2014/06/26  
CHKD: KTAKAHASHI 2014/06/26  
APPR: YNOGAWA 2014/07/01

9 8 7 6 5 4 3 2