

10 9 8 7 6 5 4 3 2 1

F

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F

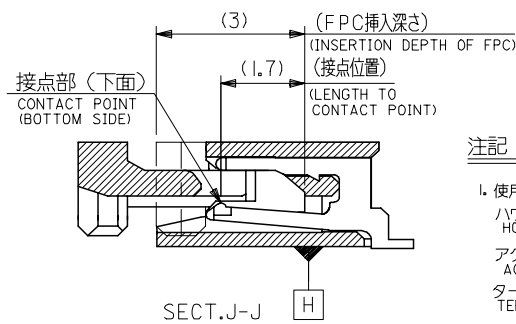
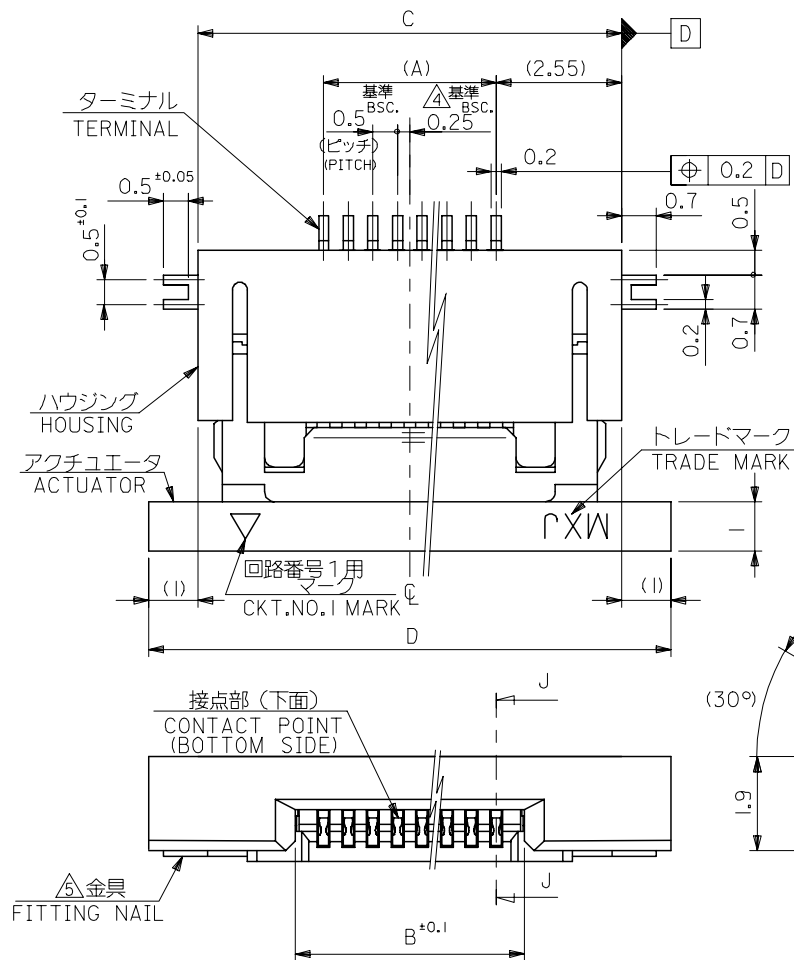
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### 注記 NOTES

#### 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, 鍍メッキ (t=0.2)  
TERMINAL : PHOS-BRO.TIN-PLATED

金具 : リン青銅, 鍍メッキ (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.

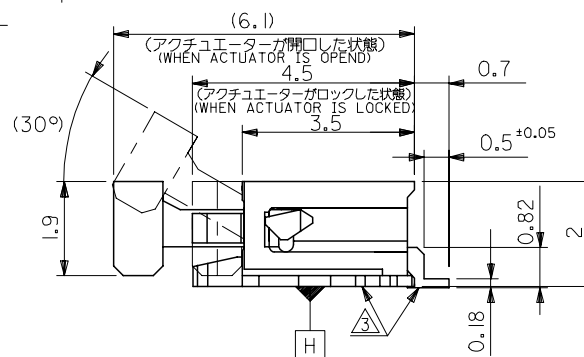
△ソルダータール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 H に対し上方向 0.1 MAX. , 下方向 0.15 MAX. とする。  
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM H UPPER DIRECTION: 0.1 MAX. , LOWER DIRECTION: 0.15 MAX.

△偶数極に適用。  
APPLY FOR EVEN CIRCUIT.

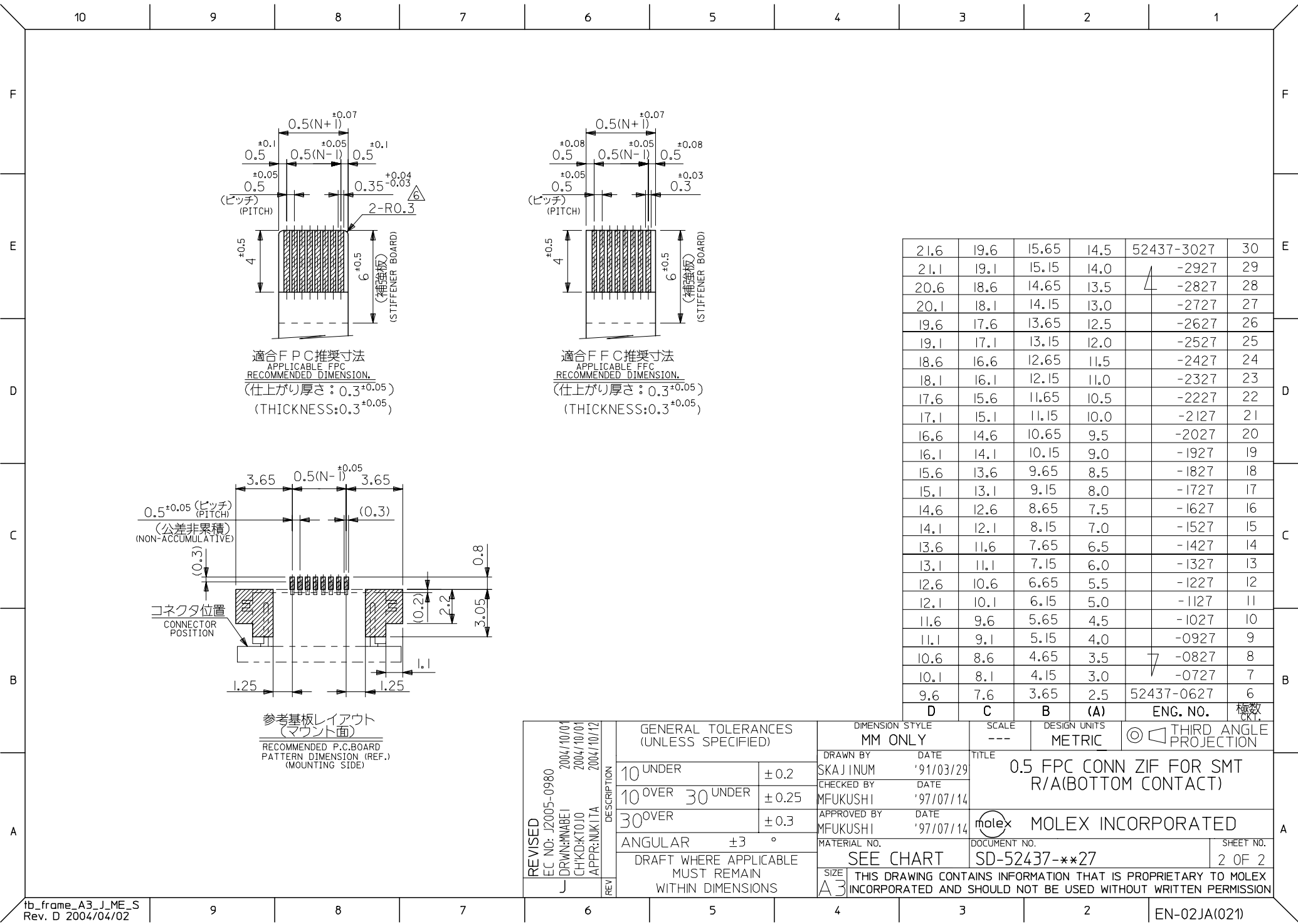
△パターンはくり止め用金具。  
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.

△R0.3は、FPCの導体部にかからないこと。  
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: J2005-0980<br>DRAWN:HWABEI<br>CHKD:SKTOJO<br>APPR:NUKITA | 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>SKAJINUM       | DATE<br>'91/03/29 | TITLE<br>0.5 FPC CONN ZIF FOR SMT<br>R/A(BOTTOM CONTACT) |                        |                           |  |  |
|                                                                            |                                                            | 10 OVER 30 UNDER                                                                                                                 | ± 0.25    | CHECKED BY<br>MFUKUSHI     | DATE<br>'97/07/14 |                                                          |                        |                           |  |  |
|                                                                            |                                                            | 30 OVER                                                                                                                          | ± 0.3     | APPROVED BY<br>MFUKUSHI    | DATE<br>'97/07/14 | MOLEX INCORPORATED                                       |                        |                           |  |  |
|                                                                            |                                                            | ANGULAR                                                                                                                          | ±3 °      | MATERIAL NO.               |                   |                                                          |                        |                           |  |  |
|                                                                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  | SEE CHART |                            | SD-52437-**27     |                                                          | 1 OF 2                 |                           |  |  |
|                                                                            | REV                                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |                            |                   |                                                          |                        |                           |  |  |



|      |      |       |      |            |            |
|------|------|-------|------|------------|------------|
| 21.6 | 19.6 | 15.65 | 14.5 | 52437-3027 | 30         |
| 21.1 | 19.1 | 15.15 | 14.0 | -2927      | 29         |
| 20.6 | 18.6 | 14.65 | 13.5 | -2827      | 28         |
| 20.1 | 18.1 | 14.15 | 13.0 | -2727      | 27         |
| 19.6 | 17.6 | 13.65 | 12.5 | -2627      | 26         |
| 19.1 | 17.1 | 13.15 | 12.0 | -2527      | 25         |
| 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         |
| 17.1 | 15.1 | 11.15 | 10.0 | -2127      | 21         |
| 16.6 | 14.6 | 10.65 | 9.5  | -2027      | 20         |
| 16.1 | 14.1 | 10.15 | 9.0  | -1927      | 19         |
| 15.6 | 13.6 | 9.65  | 8.5  | -1827      | 18         |
| 15.1 | 13.1 | 9.15  | 8.0  | -1727      | 17         |
| 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         |
| 12.1 | 10.1 | 6.15  | 5.0  | -1127      | 11         |
| 11.6 | 9.6  | 5.65  | 4.5  | -1027      | 10         |
| 11.1 | 9.1  | 5.15  | 4.0  | -0927      | 9          |
| 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<br>CKT. |

|                                                                                  |                                        |             |                                                                                                                                  |       |                            |                   |                                                          |                        |                                                                                                                 |              |
|----------------------------------------------------------------------------------|----------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|-------------------|----------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|
| REVISED<br>EC NO: J2005-0980<br>DRAWN: NABEI<br>CHKD: KTOJO<br>APPR: NUKITA<br>J | 2004/10/01<br>2004/10/01<br>2004/10/12 | 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>SKAJINUM       | DATE<br>'91/03/29 | TITLE<br>0.5 FPC CONN ZIF FOR SMT<br>R/A(BOTTOM CONTACT) |                        |                                                                                                                 |              |
|                                                                                  |                                        |             | 10 OVER 30 UNDER                                                                                                                 | ±0.25 | CHECKED BY<br>MFUKUSHI     | DATE<br>'97/07/14 |                                                          |                        |                                                                                                                 |              |
|                                                                                  |                                        |             | 30 OVER                                                                                                                          | ±0.3  | APPROVED BY<br>MFUKUSHI    | DATE<br>'97/07/14 | molex MOLEX INCORPORATED                                 |                        |                                                                                                                 |              |
|                                                                                  |                                        |             | ANGULAR                                                                                                                          | ±3 °  | MATERIAL NO.               |                   |                                                          |                        |                                                                                                                 | DOCUMENT NO. |
|                                                                                  |                                        |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |       | SEE CHART                  |                   | SD-52437-**27                                            |                        |                                                                                                                 | 2 OF 2       |
|                                                                                  |                                        |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                            |                   |                                                          |                        |                                                                                                                 |              |

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1:MM

DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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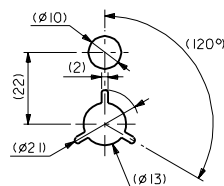
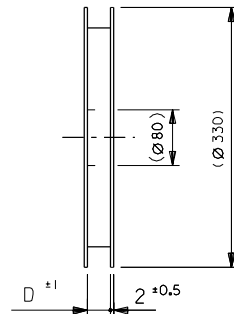
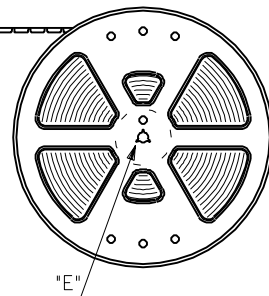
4

3

2

1

引き出し方向  
PULL OUT  
DIRECTION



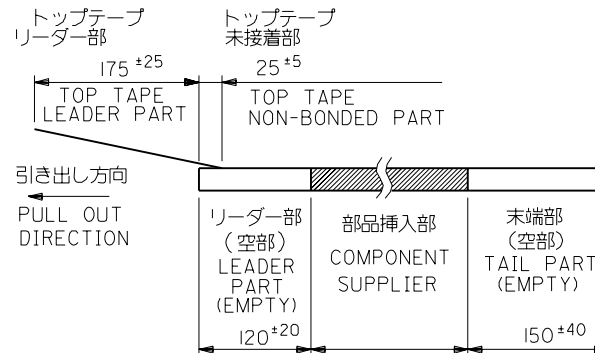
DETAIL "E"

5. 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>

注記 NOTES

- 製品番号 52437-\*\*-27 の梱包状態はアフ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-\*\*-27 を参照下さい。  
IN THE PACKAGE, ACTUATOR OF PART NO.52437-\*\*-27 SHOULD BE LOCKED  
RE DETAILED DIMENSIONS, SEE SD-52437-\*\*-27
- 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~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。)

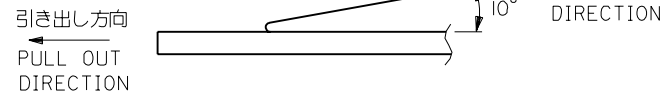
PEELING OFF FORCE OF TOP TAPE

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



|                            |  |           |                                   |          |                                  |                                |                                              |
|----------------------------|--|-----------|-----------------------------------|----------|----------------------------------|--------------------------------|----------------------------------------------|
|                            |  | F         | 変更<br>REVISED<br>UC2001-0458      | 10/12/15 | 材料<br>MATERIAL                   | 注記参照<br>SEE NOTES              | MOLEX<br>MOLEX-JAPAN CO.,LTD.<br>日本モレックス株式会社 |
|                            |  | E         | 変更<br>REVISED<br>(J41005)         | 10/12/15 | 仕上げ<br>FINISH                    | —                              |                                              |
|                            |  | D         | 変更<br>REVISED<br>(J40900)         | 10/11/11 | 適用電線範囲<br>WIRE RANGE             | —                              |                                              |
|                            |  | C         | 変更<br>REVISED<br>(J30060)         | 10/11/25 | 被覆外径<br>INS. RANGE               | —                              |                                              |
|                            |  | B         | 変更<br>REVISED<br>(J20834)         | 10/11/14 | DRAWN BY 91/3/29<br>S.KAJINUMA   | CHK'D BY 10/12/20<br>S.KUNISHI |                                              |
|                            |  | A         | 変更<br>REVISED<br>(J20554)         | 10/11/16 | APP'D BY 10/12/20<br>M.FUKUSHIMA | 尺 度<br>SCALE                   | —                                            |
|                            |  | O         | 新規作成<br>PROPOSED<br>(J10236)      | 10/11/29 | DR. 日付<br>DATE                   | REVISION RECORD                | SD-52437-**-91                               |
| 角度 ANGLE                   |  | 3°        |                                   |          |                                  |                                |                                              |
| 30 以上<br>OVER              |  | ±0.3      |                                   |          |                                  |                                |                                              |
| 10 以上 30 未満<br>OVER UNDER  |  | ±0.25     |                                   |          |                                  |                                |                                              |
| 10 未満<br>UNDER             |  | ±0.2      |                                   |          |                                  |                                |                                              |
| 一般公差<br>GENERAL TOLERANCES |  | 記号<br>LTR | DR. 日付<br>REVISION RECORD<br>DATE |          |                                  |                                |                                              |

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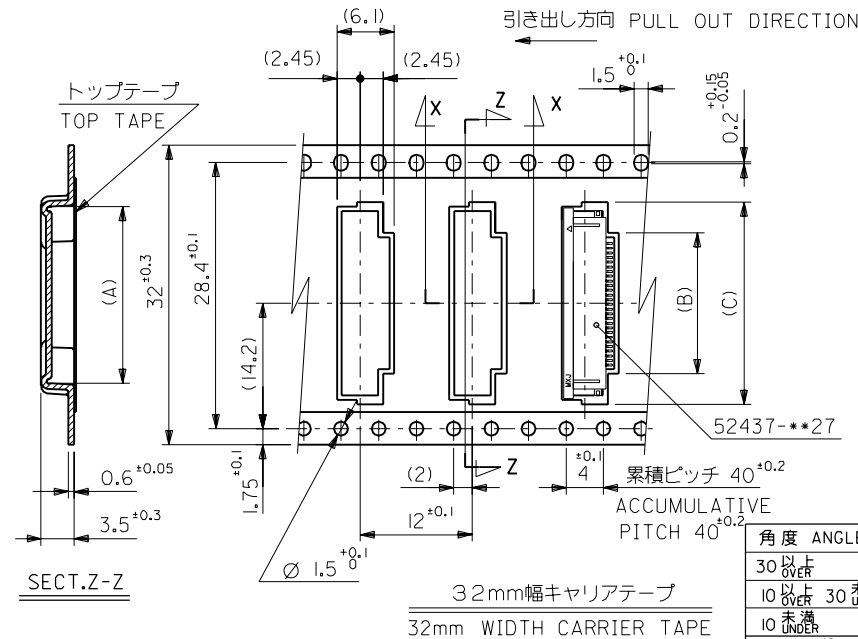
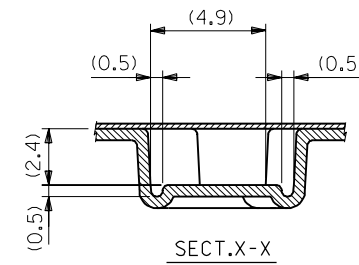
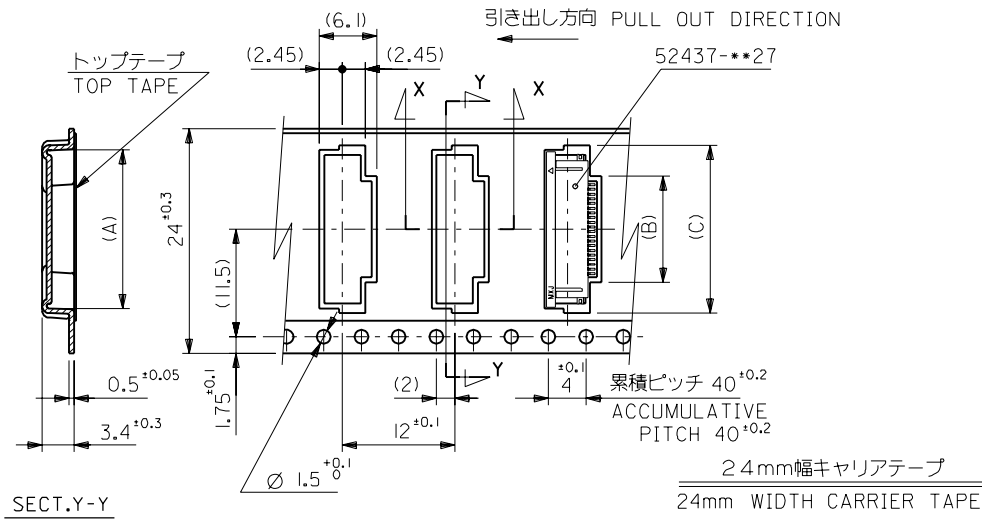
5

4

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2

1



|                                |      |      |            |      |            |          |               |
|--------------------------------|------|------|------------|------|------------|----------|---------------|
| 32                             | 33.5 | 22.4 | 15.8       | 21.4 | 52437-2991 | 29       |               |
|                                |      | 21.9 | 15.3       | 20.9 | -2891      | 28       |               |
|                                |      | 21.4 | 14.8       | 20.4 | -2791      | 27       |               |
|                                |      | 20.9 | 14.3       | 19.9 | -2691      | 26       |               |
|                                |      | 20.4 | 13.8       | 19.4 | -2591      | 25       |               |
|                                |      | 19.9 | 13.3       | 18.9 | -2491      | 24       |               |
|                                |      | 19.4 | 12.8       | 18.4 | -2391      | 23       |               |
|                                |      | 18.9 | 12.3       | 17.9 | -2291      | 22       |               |
| 24                             | 25.5 | 17.9 | 11.3       | 16.9 | -2091      | 20       |               |
|                                |      | 17.4 | 10.8       | 16.4 | -1991      | 19       |               |
|                                |      | 16.9 | 10.3       | 15.9 | -1891      | 18       |               |
|                                |      | 16.4 | 9.8        | 15.4 | -1791      | 17       |               |
|                                |      | 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       |               |
|                                |      | 13.4 | 6.8        | 12.4 | -1191      | 11       |               |
|                                |      | 12.9 | 6.3        | 11.9 | -1091      | 10       |               |
|                                |      | 12.4 | 5.8        | 11.4 | -0991      | 9        |               |
|                                |      | 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. | 極数<br>CIRCUIT |

|                            |                  |               |                         |                                   |                                          |
|----------------------------|------------------|---------------|-------------------------|-----------------------------------|------------------------------------------|
| F                          | 変更<br>REVISED    | (JC2001-0458) | 1/10/19                 | 材料<br>MATERIAL                    | SHEET 1 OF 3 参照<br>REFER TO SHEET 1 OF 3 |
| E                          | 変更<br>REVISED    | (J41005)      | 1/94/12/13              | 仕上げ<br>FINISH                     | —                                        |
| D                          | 変更<br>REVISED    | (J40900)      | 1/94/11/11              | 適用電線範囲<br>WIRE RANGE              | —                                        |
| C                          | 変更<br>REVISED    | (J30060)      | 1/93/1/25               | 被覆外径<br>INS. RANGE                | —                                        |
| B                          | 変更<br>REVISED    | (J20834)      | 1/92/9/14               | 新規作成<br>PROPOSED                  |                                          |
| A                          | 変更<br>REVISED    | (J20554)      | 1/92/7/16               | DRAWN BY '91/3/29<br>S.KAJINUMA   | CHK'D BY '00/12/20<br>S.KUNISHI          |
| O                          | 新規作成<br>PROPOSED | (J10236)      | 1/91/3/29               | APP'D BY '00/12/20<br>M.FUKUSHIMA | 尺度<br>SCALE                              |
| 一般公差<br>GENERAL TOLERANCES |                  | 記号<br>LTR     | 変更内容<br>REVISION RECORD | DR.<br>CHK.                       | 日付<br>DATE                               |

|                                                                 |  |
|-----------------------------------------------------------------|--|
| molex MOLEX-JAPAN CO.,LTD.<br>日本モレックス株式会社                       |  |
| REVISE ONLY ON CAD SYSTEM                                       |  |
| TITLE 名称<br>0.5 FPC Conn ZIF<br>SMT R/A<br>With Tape Embstp Pkg |  |
| DWG. NO. (SHEET 2 OF 3) REV<br>SD-52437-**-91                   |  |
| F                                                               |  |

