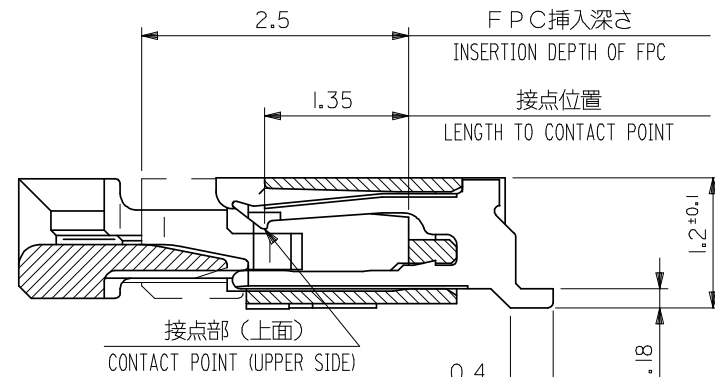
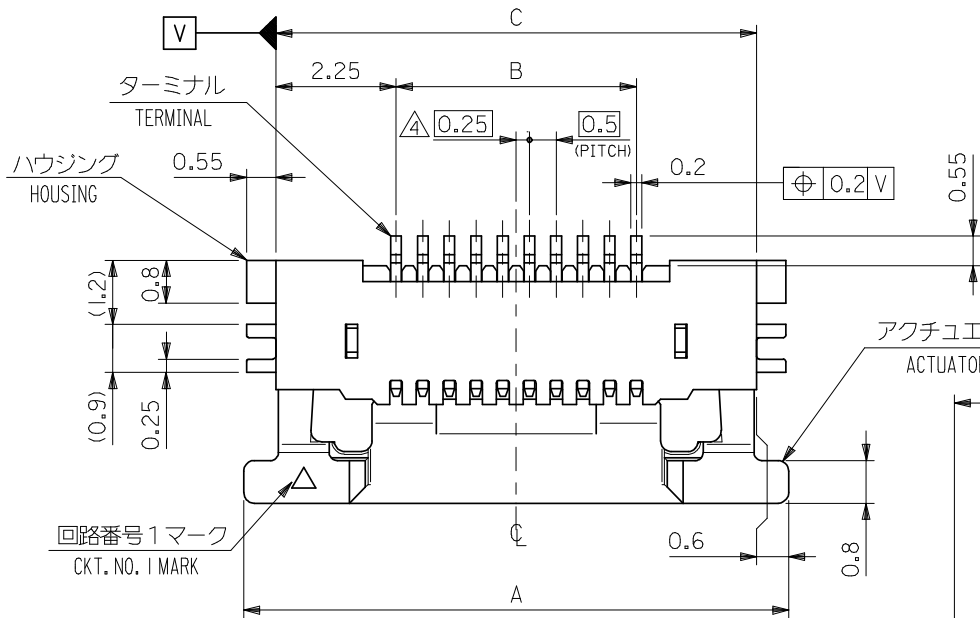
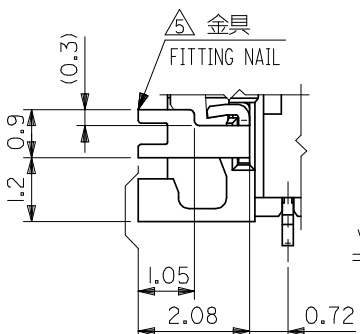
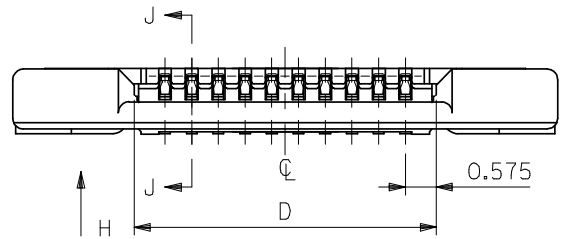
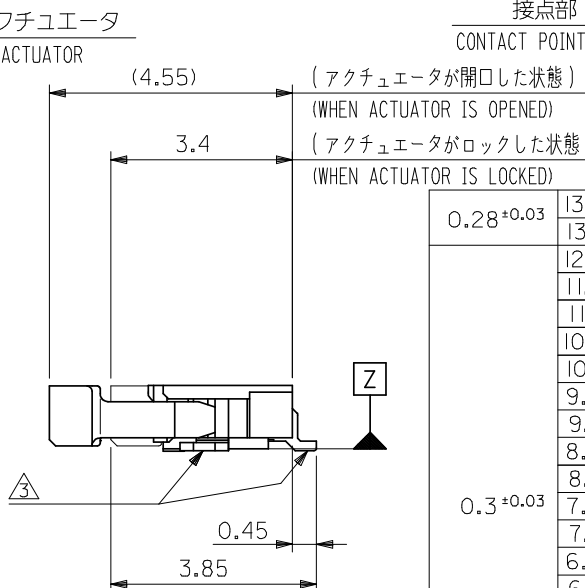




SECT. J-J  
SCALE 20:1



VIEW H

|           |       |      |      |      |                  |              |     |
|-----------|-------|------|------|------|------------------|--------------|-----|
| 0.28±0.03 | 13.65 | 17   | 12.5 | 18.2 | 54550-2694       | 54550-26 19  | 26  |
|           | 13.15 | 16.5 | 12.0 | 17.7 | 54550-2594       | 54550-25 19  | 25  |
|           | 12.65 | 16   | 11.5 | 17.2 | 54550-2494       | 54550-24 19  | 24  |
|           | 11.65 | 15   | 10.5 | 16.2 | 54550-2294       | 54550-22 19  | 22  |
|           | 11.15 | 14.5 | 10   | 15.7 | 54550-2194       | 54550-21 19  | 21  |
|           | 10.65 | 14   | 9.5  | 15.2 | 54550-2094       | 54550-20 19  | 20  |
|           | 10.15 | 13.5 | 9    | 14.7 | 54550-1994       | 54550-19 19  | 19  |
|           | 9.65  | 13   | 8.5  | 14.2 | 54550-1894       | 54550-18 19  | 18  |
|           | 9.15  | 12.5 | 8    | 13.7 | 54550-1794       | 54550-17 19  | 17  |
|           | 8.65  | 12   | 7.5  | 13.2 | 54550-1694       | 54550-16 19  | 16  |
|           | 8.15  | 11.5 | 7    | 12.7 | 54550-1594       | 54550-15 19  | 15  |
|           | 7.65  | 11   | 6.5  | 12.2 | 54550-1494       | 54550-14 19  | 14  |
|           | 7.15  | 10.5 | 6    | 11.7 | 54550-1394       | 54550-13 19  | 13  |
|           | 6.65  | 10   | 5.5  | 11.2 | 54550-1294       | 54550-12 19  | 12  |
|           | 6.15  | 9.5  | 5    | 10.7 | 54550-1194       | 54550-11 19  | 11  |
| 0.3±0.03  | 5.65  | 9    | 4.5  | 10.2 | 54550-1094       | 54550-10 19  | 10  |
|           | 5.15  | 8.5  | 4    | 9.7  | 54550-0994       | 54550-09 19  | 9   |
|           | 4.65  | 8    | 3.5  | 9.2  | 54550-0894       | 54550-08 19  | 8   |
|           | 4.15  | 7.5  | 3    | 8.7  | 54550-0794       | 54550-07 19  | 7   |
|           | 3.65  | 7    | 2.5  | 8.2  | 54550-0694       | 54550-06 19  | 6   |
|           | 3.15  | 6.5  | 2    | 7.7  | 54550-0594       | 54550-05 19  | 5   |
|           | 2.65  | 6.0  | 1.5  | 7.2  | 54550-0494       | 54550-04 19  | 4   |
|           |       |      |      |      | EMBOSSED TAPE    | 製品番号         | 極数  |
|           |       |      |      |      | ORDER No. オート番号  | MATERIAL No. | CK+ |
|           |       |      |      |      | THICKNESS OF FPC | D            | C   |

|                                                                             |                                                      |              |                                                                                                                               |
|-----------------------------------------------------------------------------|------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|
| 54550-**-19                                                                 |                                                      | MODEL No.    |                                                                                                                               |
| REVISED<br>EC NO: J2008-4048<br>DRWN:MNABE<br>CHKD:THARUYAMA<br>APPR:NUKITA | GENERAL TOLERANCES (UNLESS SPECIFIED)                |              | DIMENSION STYLE<br>MM ONLY                                                                                                    |
|                                                                             | 10 UNDER                                             | ±0.2         | DRAWN BY<br>M. NINOMIYA                                                                                                       |
|                                                                             | 10 OVER 30 UNDER                                     | ±0.25        | DATE<br>'03/12/22                                                                                                             |
|                                                                             | 30 OVER                                              | ±0.3         | CHECKED BY<br>K. TOJO                                                                                                         |
|                                                                             | ANGULAR                                              | ±3 °         | DATE<br>'03/12/22                                                                                                             |
| D                                                                           | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |              | APPROVED BY<br>M. SASAO                                                                                                       |
|                                                                             |                                                      |              | DATE<br>'03/12/22                                                                                                             |
|                                                                             |                                                      | MATERIAL NO. | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
|                                                                             |                                                      | SEE TABLE    | SCALE<br>SD-54550-019                                                                                                         |
|                                                                             |                                                      | DOCUMENT NO. | SHEET NO.<br>1 OF 2                                                                                                           |

F

E

D

C

B

A

10

9

8

7

6

5

4

3

2

1

F

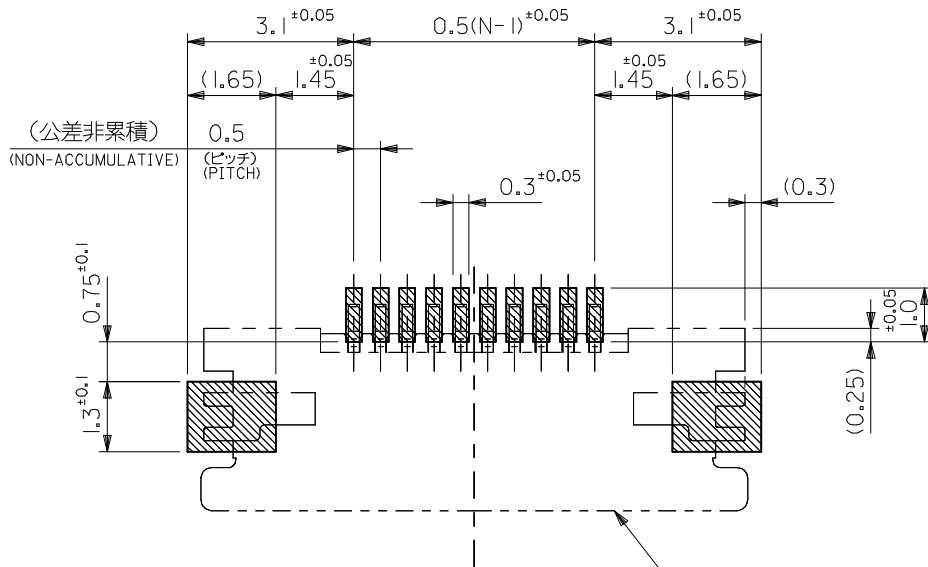
E

D

C

B

A



参考基板レイアウト  
RECOMMENDED P.C. BOARD  
PATTERN DIMENSION (REF.)

(マウント面)  
(MOUNTING SIDE)

コネクタ位置  
CONNECTOR POSITION

### 注記 NOTES

#### I. 使用材料 MATERIAL

ハウジング : LCP, 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)、ニッケル下地銅ビスマスメッキ  
TERMINAL PHOS-BRO,TIN-BISMUTH OVER NICKEL PLATED

金具 : リン青銅 (t=0.2)、ニッケル下地銅メッキ  
FITTING NAIL PHOS-BRO,TIN OVER NICKEL PLATED

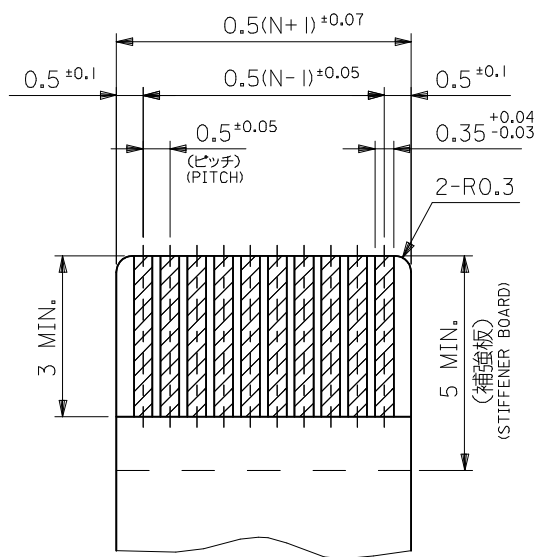
2. エンボステープ梱包時は、アクチュエータがロックした状態とする。  
IN THE PACKAGE, ACTUATOR OF PART NO.54550-\*\*17 SHOULD BE LOCKED.

△3. 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 Z  
に対し上方向 0MAX.、下方向 0.15MAX. とし  
相互のバラツキ量は 0.1MAX. とする。  
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM Z  
UPPER DIRECTION: 0 MAX., LOWER DIRECTION: 0.15 MAX.  
OFFSET BETWEEN UPPER AND LOWER 0.1 MAX.

△4. 偶数極に適用。  
APPLY FOR EVEN CIRCUIT.

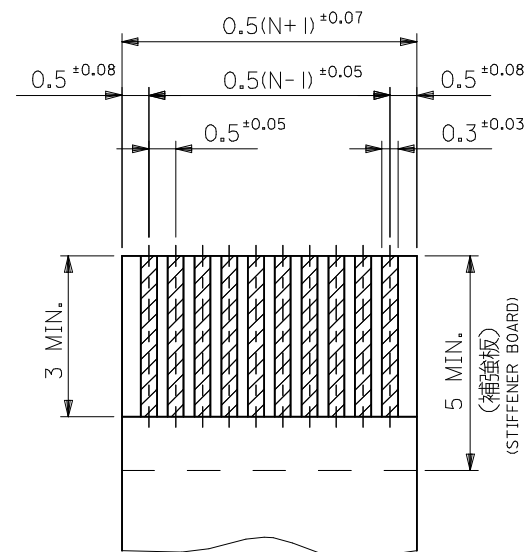
△5. パターンはくり止め用金具  
FITTING NAIL FOR PREVENTION OF PEELING  
OF P.C.B. PATTERN.

2. 本製品は 54550-\*\*17 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 54550-\*\*17.



適合FPC推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION

(仕上がり厚さ: 表参照)  
(THICKNESS: SEE CHART)



適合FFC推奨寸法  
APPLICABLE FFC  
RECOMMENDED DIMENSION

(仕上がり厚さ: 表参照)  
(THICKNESS: SEE CHART)

#### FPC/FFCについて:

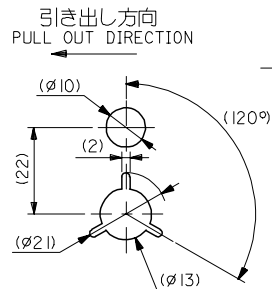
打抜き方向は導体側から補強板側を推奨いたします。  
導体部については軟銅箔35マイクロメートルまたは50マイクロメートル  
を推奨いたします。

RECOMMENDED PUNCHER DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

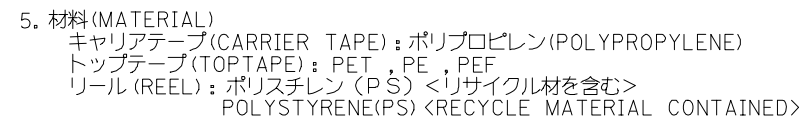
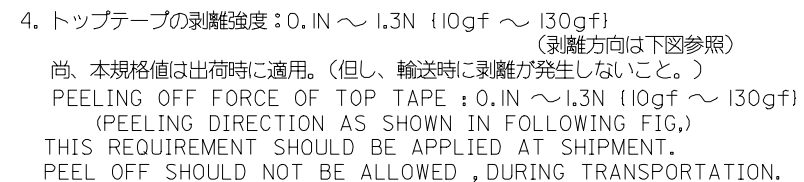
RECOMMENDED CONDUCTOR SPEC:

THICKNESS OF SOFT COPPER FOIL :35 MICROMETER or 50MICROMETER

|                                       |  |                   |  |            |  |              |  |                        |  |             |  |                   |  |                                                                                                                               |  |              |  |           |  |
|---------------------------------------|--|-------------------|--|------------|--|--------------|--|------------------------|--|-------------|--|-------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|-----------|--|
| REVISED                               |  | EC NO: J2008-4048 |  | 2008/06/13 |  | 2008/06/16   |  | 2008/06/16             |  | DRWN:WABEI  |  | CH'KD:THARUYAMA   |  | APPR:NUKITA                                                                                                                   |  | DESCRIPTION  |  | REV       |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE   |  | SCALE      |  | DESIGN UNITS |  | THIRD ANGLE PROJECTION |  | TITLE       |  | MATERIAL NO.      |  | DOCUMENT NO.                                                                                                                  |  | SHEET NO.    |  |           |  |
| 10 UNDER                              |  | ±0.2              |  | DRAWN BY   |  | DATE         |  | M.M. ONLY              |  | M. NINOMIYA |  | '03/12/22         |  | SEE SHEET 1                                                                                                                   |  | SD-54550-019 |  | 2 OF 2    |  |
| 10 OVER 30 UNDER                      |  | ±0.25             |  | CHECKED BY |  | DATE         |  | K. TOJO                |  | '03/12/22   |  | APPROVED BY       |  | DATE                                                                                                                          |  | M. SASAO     |  | '03/12/22 |  |
| 30 OVER                               |  | ±0.3              |  | ANGULAR    |  | ±3 °         |  | DRAFT WHERE APPLICABLE |  | MUST REMAIN |  | WITHIN DIMENSIONS |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |              |  |           |  |

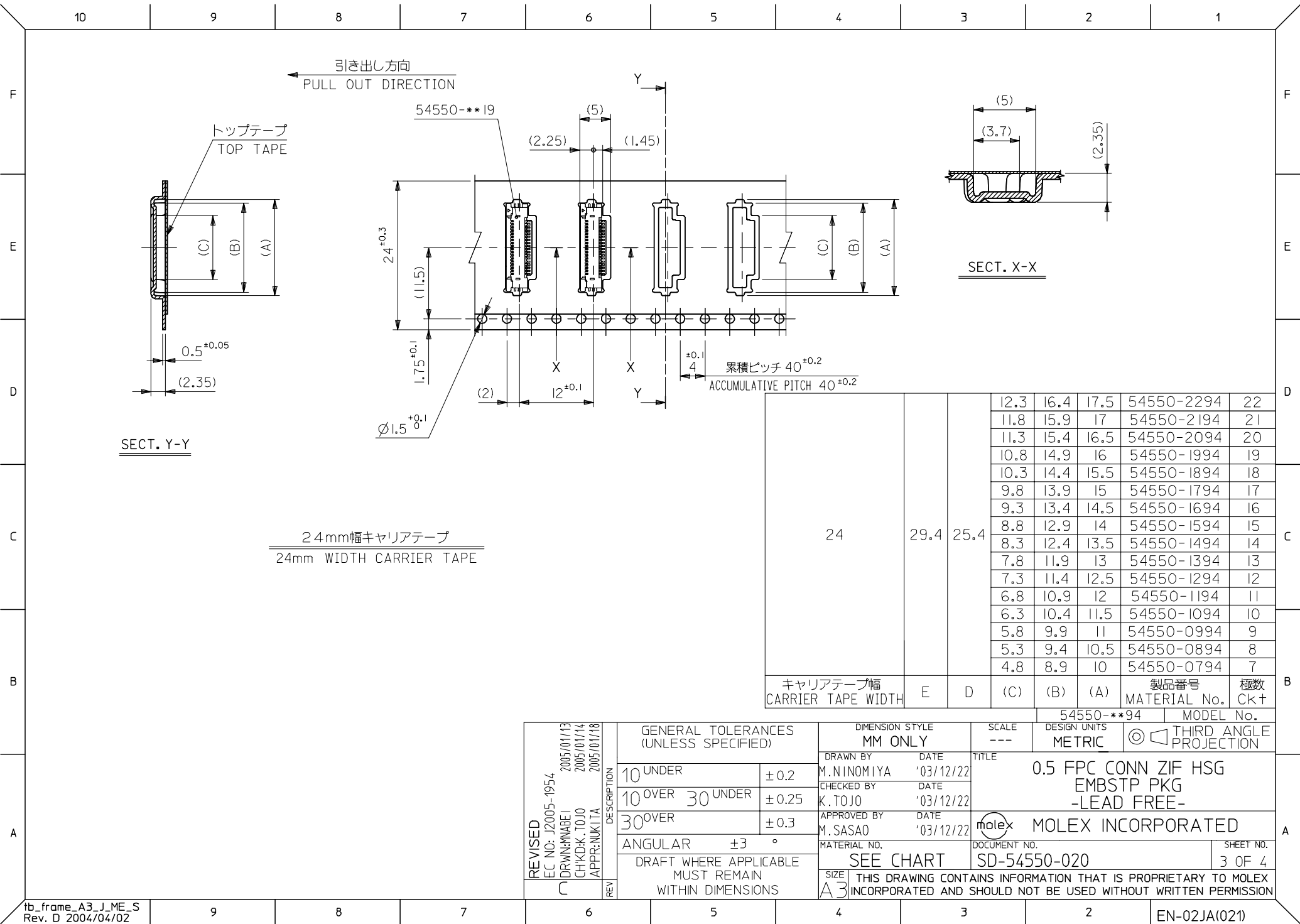


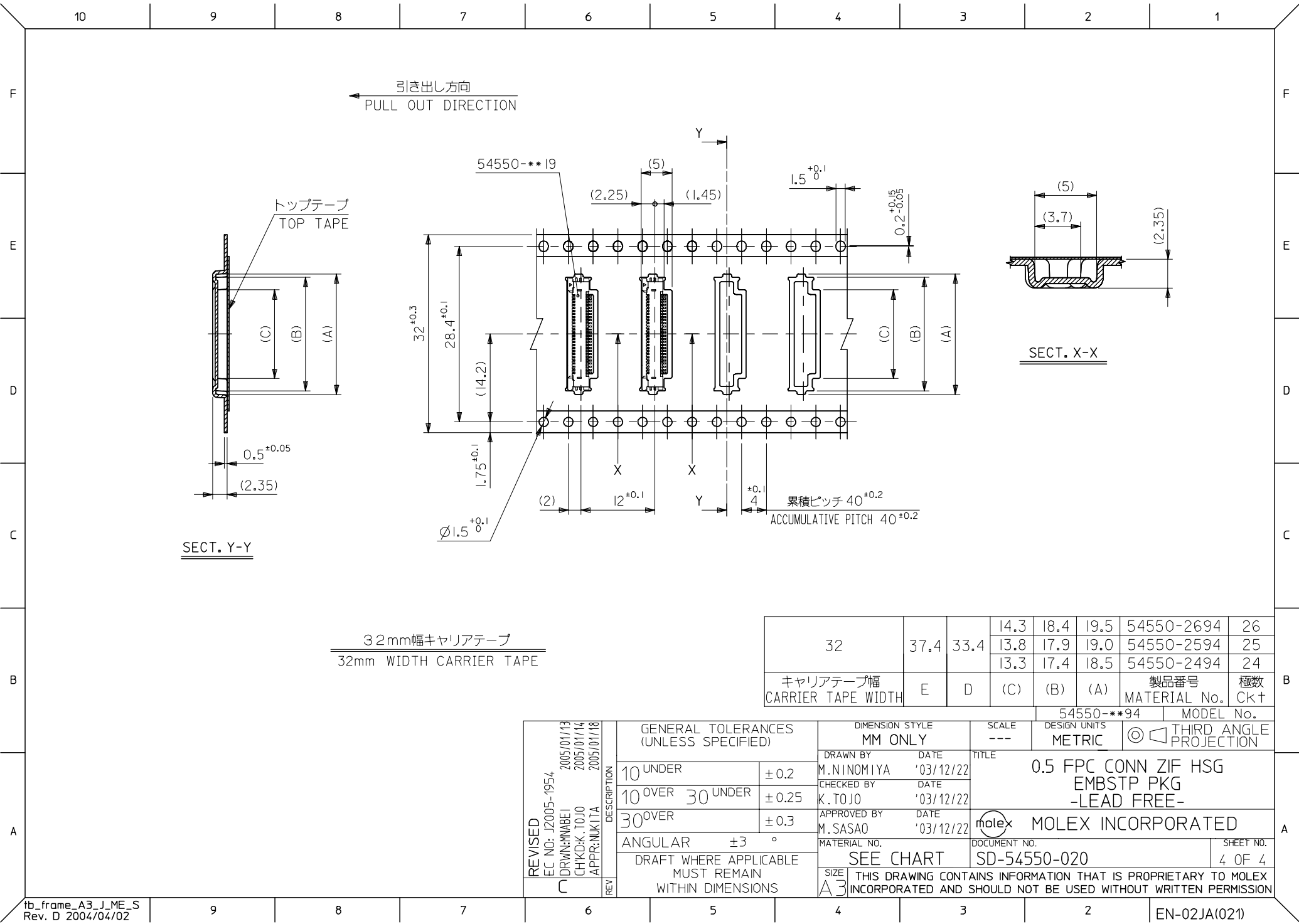
1. 製品詳細寸法については図面 54550-\*\*\*19 を参照下さい。  
RE DETAILED DIMENSION, SEE 54550-\*\*\*19
2. 梱包数量 : 3000個/リール  
NUMBER OF CONNECTORS : 3000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



|                                                                                                                                          |  |                                                            |                                      |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|--------------------------------------|----------------------------------------|
| DIMENSION STYLE<br>MM ONLY                                                                                                               |  | SCALE<br>---                                               | 54550-**94<br>DESIGN UNITS<br>METRIC | MODEL No.<br>THIRD ANGLE<br>PROJECTION |
| DRAWN BY DATE<br>M. NINOMIYA '03/12/22                                                                                                   |  | TITLE<br>0.5 FPC CONN ZIF HSG<br>EMBSTP PKG<br>-LEAD FREE- |                                      |                                        |
| CHECKED BY DATE<br>K. TOJO '03/12/22                                                                                                     |  |                                                            |                                      |                                        |
| APPROVED BY DATE<br>M. SASAO '03/12/22                                                                                                   |  |                                                            |                                      |                                        |
| MATERIAL NO.<br>SEE CHART                                                                                                                |  | DOCUMENT NO.<br>SD-54550-020                               | SHEET NO.<br>1 OF 4                  |                                        |
| SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                            |                                      |                                        |







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

|                                |      |      |      |      |      |                      |           |
|--------------------------------|------|------|------|------|------|----------------------|-----------|
| 32                             | 37.4 | 33.4 | 14.3 | 18.4 | 19.5 | 54550-2694           | 26        |
|                                |      |      | 13.8 | 17.9 | 19.0 | 54550-2594           | 25        |
|                                |      |      | 13.3 | 17.4 | 18.5 | 54550-2494           | 24        |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | E    | D    | (C)  | (B)  | (A)  | 製品番号<br>MATERIAL No. | 極数<br>CK+ |

|                                                                                                                        |             |                                                            |        |                                                                                                                                           |                   |                                                            |                        |                           |  |  |
|------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2005-1954<br>DRWN: NABE1<br>CHKD: K. TOJO<br>APPR: NUKITA<br>2005/01/13<br>2005/01/14<br>2005/01/18 | 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>M. NINOMIYA                                                                                                                   | DATE<br>'03/12/22 | TITLE<br>0.5 FPC CONN ZIF HSG<br>EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |
|                                                                                                                        |             | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>K. TOJO                                                                                                                     | DATE<br>'03/12/22 |                                                            |                        |                           |  |  |
|                                                                                                                        |             | 30 OVER                                                    | ± 0.3  | APPROVED BY<br>M. SASAO                                                                                                                   | DATE<br>'03/12/22 | molex MOLEX INCORPORATED                                   |                        |                           |  |  |
|                                                                                                                        |             | ANGULAR                                                    | ±3 °   | MATERIAL NO.                                                                                                                              |                   | DOCUMENT NO.                                               |                        | SHEET NO.                 |  |  |
|                                                                                                                        |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                                                                                                                                 |                   | SD-54550-020                                               |                        | 4 OF 4                    |  |  |
|                                                                                                                        |             | REV                                                        |        | SIZE: A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                   |                                                            |                        |                           |  |  |