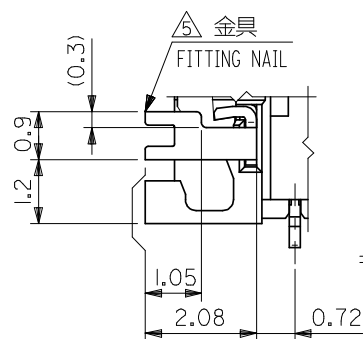
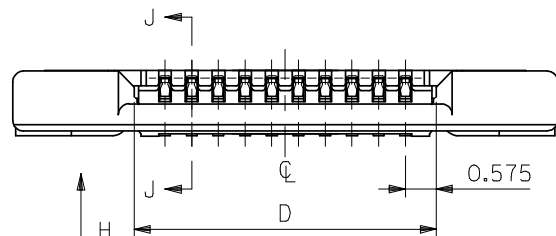
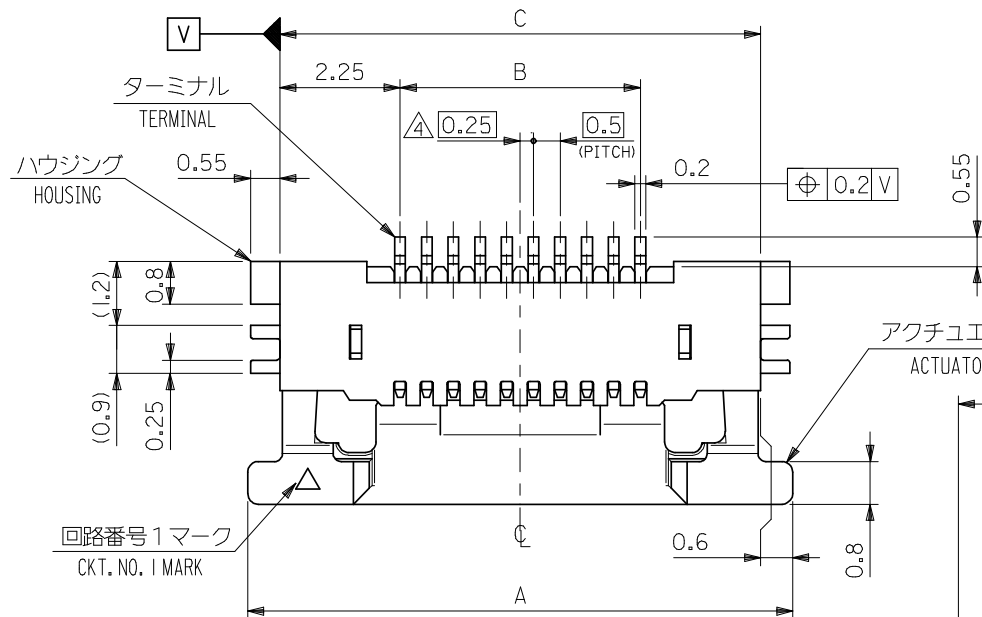
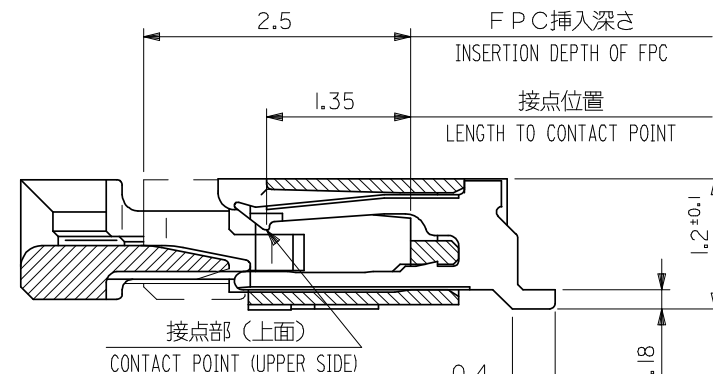
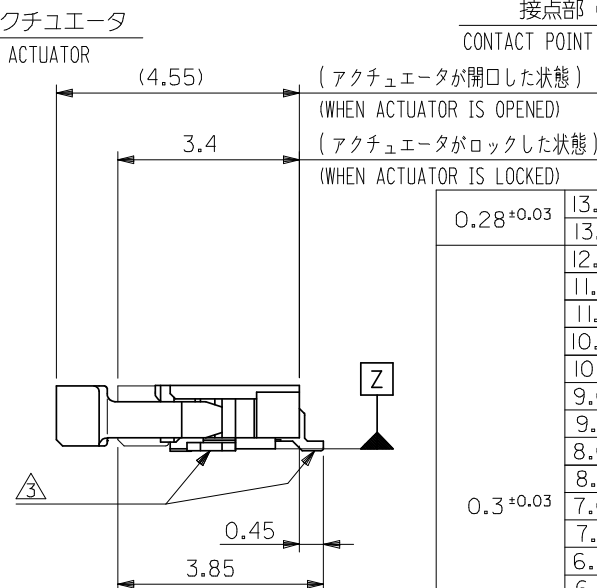




VIEW H



SECT. J-J  
SCALE 20:1



| TABLE 15. LOCKED |       |      |      |      |            |             |    |
|------------------|-------|------|------|------|------------|-------------|----|
| 0.28 $\pm 0.03$  | 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 |
| 0.3 $\pm 0.03$   | 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 |
|                  | 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  |

|                                                                                                                                          |   |   |                              |                                                                            |                                   |                     |    |
|------------------------------------------------------------------------------------------------------------------------------------------|---|---|------------------------------|----------------------------------------------------------------------------|-----------------------------------|---------------------|----|
| THICKNESS<br>OF FPC                                                                                                                      | D | C | B                            | A                                                                          | EMBOSSED TAPE<br>ORDER No. オーダー番号 | 製品番号                | 極数 |
| DIMENSION STYLE<br>MM ONLY                                                                                                               |   |   | SCALE<br>---                 | DESIGN UNITS<br>METRIC                                                     | MATERIAL No. Ck+                  |                     |    |
| DRAWN BY<br>M. NINOMIYA                                                                                                                  |   |   | DATE<br>'03/12/22            | TITLE<br>0.5 FPC CONN ZIF HOUSING<br>ASSY SMT RA UPPER CONT<br>-LEAD FREE- |                                   |                     |    |
| CHECKED BY<br>K. TOJO                                                                                                                    |   |   | DATE<br>'03/12/22            | MOLEX MOLEX INCORPORATED                                                   |                                   |                     |    |
| APPROVED BY<br>M. SASAO                                                                                                                  |   |   | DATE<br>'03/12/22            |                                                                            |                                   |                     |    |
| MATERIAL NO.<br>SEE TABLE                                                                                                                |   |   | DOCUMENT NO.<br>SD-54550-019 |                                                                            |                                   | SHEET NO.<br>1 OF 2 |    |
| SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |   |                              |                                                                            |                                   |                     |    |

|                   |  |             |  |                                                            |  |
|-------------------|--|-------------|--|------------------------------------------------------------|--|
| REVISED           |  | 54550-**-19 |  | MODEL No.                                                  |  |
| EC NO: J2008-4048 |  | 2008/06/13  |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  |
| DRWN:MMABEI       |  | 2008/06/16  |  | 10 UNDER ± 0.2                                             |  |
| CHK'D:THIRUYAMA   |  | 2008/06/16  |  | 10 OVER 30 UNDER ± 0.2                                     |  |
| APPR:NUKITA       |  | DESCRIPTION |  | 30 OVER ± 0.3                                              |  |
| D                 |  | REV         |  | ANGULAR ± 3 °                                              |  |
|                   |  |             |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |

F

E

D

C

B

A

10

9

8

7

6

5

4

3

2

1

F

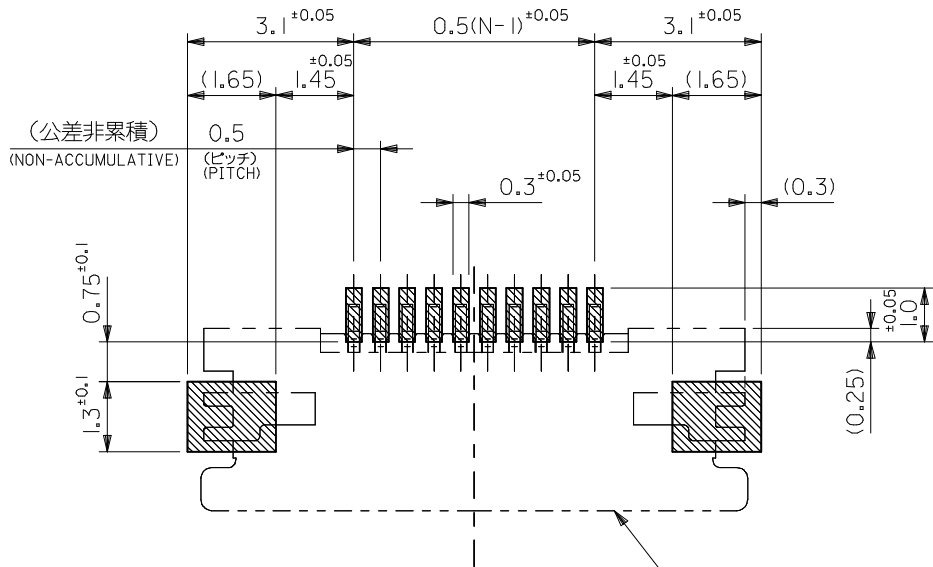
E

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

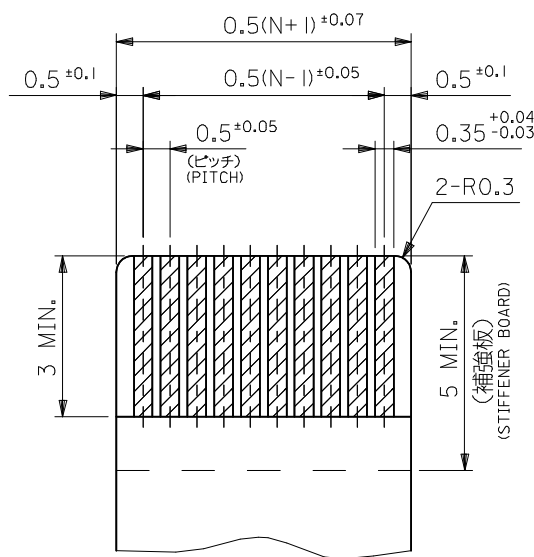
2. エンボステープ梱包時は、アクチュエータがロックした状態とする。  
IN THE PACKAGE, ACTUATOR OF PART NO.54550-\*\*17 SHOULD BE LOCKED.

△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 0 MAX.、下方向 0.15 MAX. とし  
相互のバラツキ量は 0.1 MAX. 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.

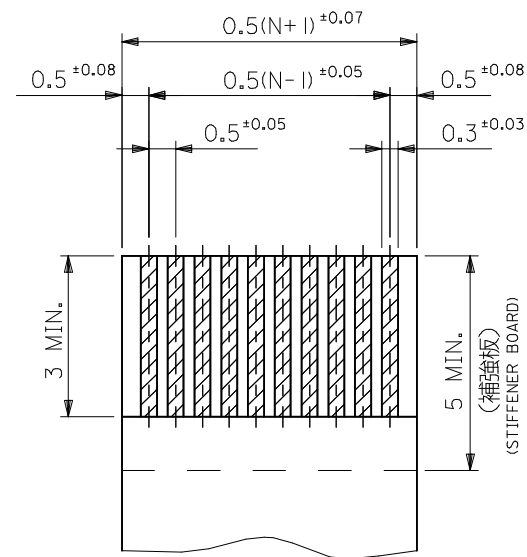
△5. パターンはくり止め用金具  
FITTING NAIL FOR PREVENTION OF PEELING  
OF P.C.B. PATTERN.

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

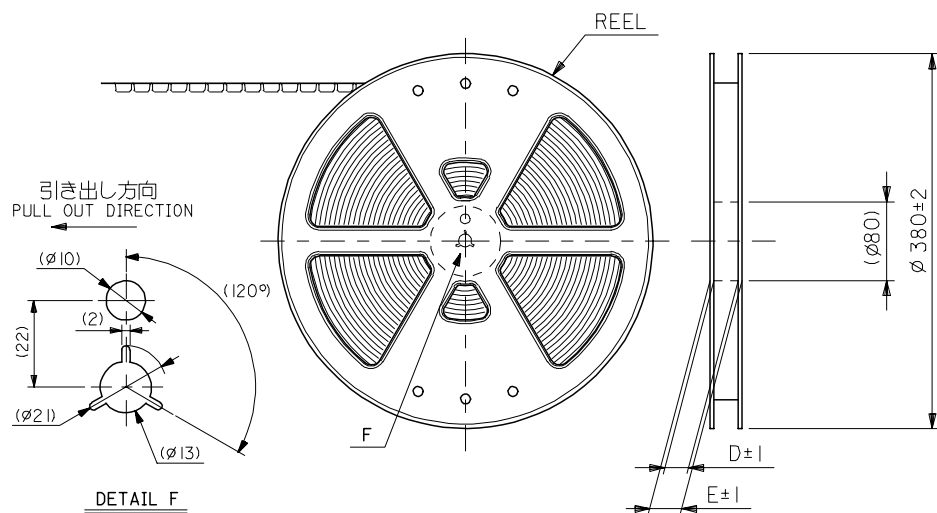
(仕上がり厚さ: 表参照)  
(THICKNESS: SEE CHART)

#### 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。

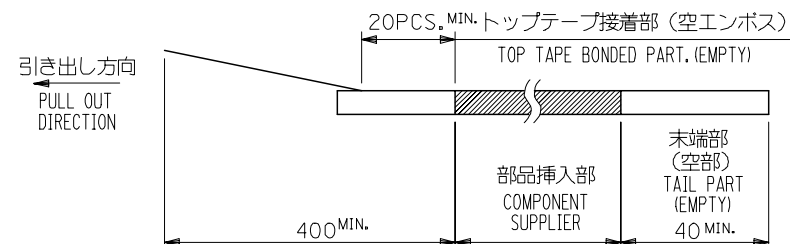
RECOMMENDED PUNCHER DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.  
RECOMMENDED CONDUCTOR SPEC:  
THICKNESS OF SOFT COPPER FOIL: 35 MICROMETER or 50 MICROMETER

|                                                                                                                        |                    |                                                            |                                                                                                                                  |                                                                            |  |              |                        |                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|--------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| REVISED<br>EC NO: J2008-4048<br>2008/06/13<br>DRWN:WABEI<br>2008/06/16<br>CHK'D:THARUYAMA<br>2008/06/16<br>APPR:NUKITA | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY                                                 |  | SCALE<br>--- | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |
|                                                                                                                        |                    | 10 UNDER ±0.2                                              | M. NINOMIYA '03/12/22                                                                                                            | TITLE<br>0.5 FPC CONN ZIF HOUSING<br>ASSY SMT RA UPPER CONT<br>-LEAD FREE- |  |              |                        |                                                                                                                 |
|                                                                                                                        |                    | 10 OVER 30 UNDER ±0.25                                     | K. TOJO '03/12/22                                                                                                                |                                                                            |  |              |                        |                                                                                                                 |
|                                                                                                                        |                    | 30 OVER ±0.3                                               | APPROVED BY DATE<br>M. SASAO '03/12/22                                                                                           | molex MOLEX INCORPORATED                                                   |  |              |                        |                                                                                                                 |
|                                                                                                                        |                    | ANGULAR ±3 °                                               | MATERIAL NO.                                                                                                                     | DOCUMENT NO.                                                               |  | SHEET NO.    |                        |                                                                                                                 |
|                                                                                                                        |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | SEE SHEET 1                                                                                                                      | SD-54550-019                                                               |  | 2 OF 2       |                        |                                                                                                                 |
|                                                                                                                        |                    | SIZE<br>A3                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                            |  |              |                        |                                                                                                                 |

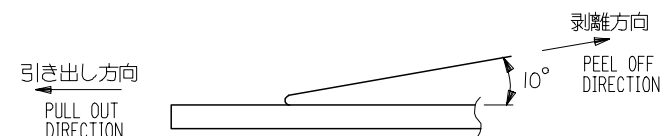


## NOTES

- 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
- 梱包数量：3000個/リール  
NUMBER OF CONNECTORS : 3000PCS/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.



- 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 54550-\*\*-90 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 54550-\*\*-90.

| 54550-**-94                                                                                                                      |       | MODEL No.                                         |  |
|----------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|--|
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                            |       | DESIGN UNITS<br>METRIC                            |  |
| DIMENSION STYLE<br>MM ONLY                                                                                                       |       | THIRD ANGLE PROJECTION                            |  |
| 10 UNDER                                                                                                                         | ±0.2  | 0.5 FPC CONN ZIF HSG<br>EMBSTP PKG<br>-LEAD FREE- |  |
| 10 OVER 30 UNDER                                                                                                                 | ±0.25 |                                                   |  |
| 30 OVER                                                                                                                          | ±0.3  |                                                   |  |
| ANGULAR                                                                                                                          | ±3 °  | MOLEX INCORPORATED                                |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |       | SD-54550-020                                      |  |
| SEE CHART                                                                                                                        |       | SHEET NO.<br>1 OF 4                               |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                                                   |  |

