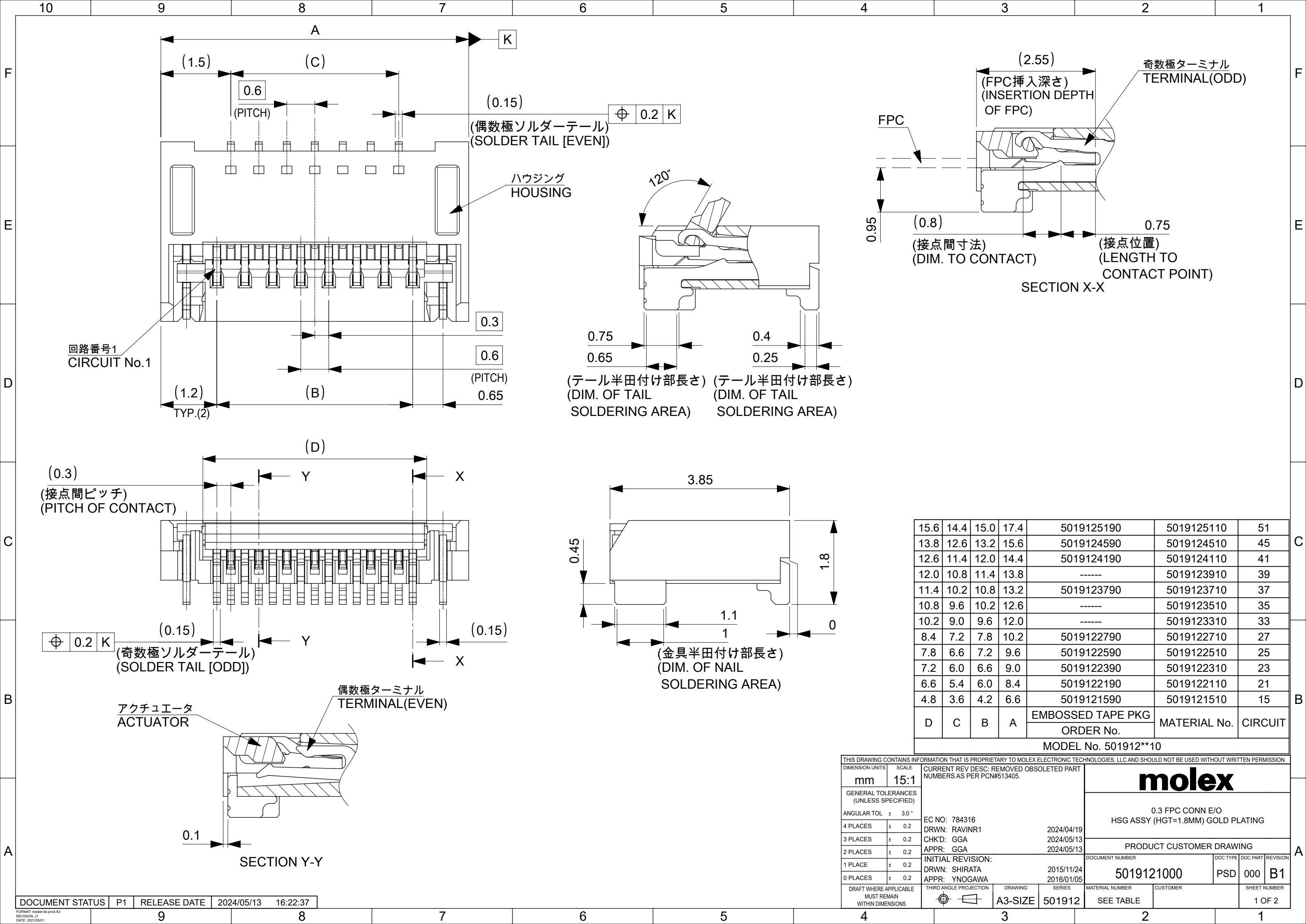
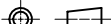
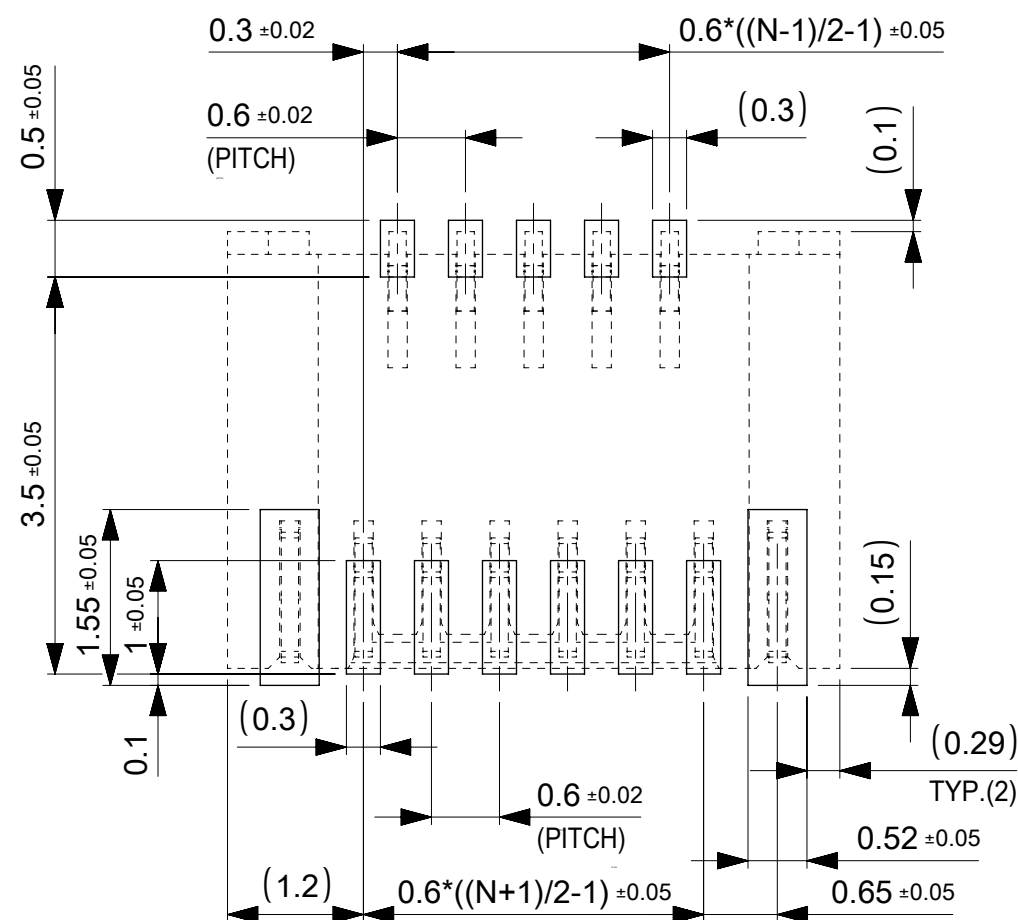




|                      |      |      |      |                   |              |         |
|----------------------|------|------|------|-------------------|--------------|---------|
| 15.6                 | 14.4 | 15.0 | 17.4 | 5019125190        | 5019125110   | 51      |
| 13.8                 | 12.6 | 13.2 | 15.6 | 5019124590        | 5019124510   | 45      |
| 12.6                 | 11.4 | 12.0 | 14.4 | 5019124190        | 5019124110   | 41      |
| 12.0                 | 10.8 | 11.4 | 13.8 | -----             | 5019123910   | 39      |
| 11.4                 | 10.2 | 10.8 | 13.2 | 5019123790        | 5019123710   | 37      |
| 10.8                 | 9.6  | 10.2 | 12.6 | -----             | 5019123510   | 35      |
| 10.2                 | 9.0  | 9.6  | 12.0 | -----             | 5019123310   | 33      |
| 8.4                  | 7.2  | 7.8  | 10.2 | 5019122790        | 5019122710   | 27      |
| 7.8                  | 6.6  | 7.2  | 9.6  | 5019122590        | 5019122510   | 25      |
| 7.2                  | 6.0  | 6.6  | 9.0  | 5019122390        | 5019122310   | 23      |
| 6.6                  | 5.4  | 6.0  | 8.4  | 5019122190        | 5019122110   | 21      |
| 4.8                  | 3.6  | 4.2  | 6.6  | 5019121590        | 5019121510   | 15      |
| D                    | C    | B    | A    | EMBOSSED TAPE PKG | MATERIAL No. | CIRCUIT |
|                      |      |      |      | ORDER No.         |              |         |
| MODEL No. 501912**10 |      |      |      |                   |              |         |

|                                                                                                                                               |  |       |  |                                                                                       |  |                 |                                                                                    |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|-----------------|------------------------------------------------------------------------------------|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                       |  |                 |                                                                                    |              |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405.                    |  |                 | <div>molex</div> <div>0.3 FPC CONN E/O<br/>HSG ASSY (HGT=1.8MM) GOLD PLATING</div> |              |  |
| mm                                                                                                                                            |  | 15:1  |  |                                                                                       |  |                 |                                                                                    |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                                                                                       |  |                 |                                                                                    |              |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |  |       |  |                                                                                       |  |                 |                                                                                    |              |  |
| 4 PLACES                                                                                                                                      |  | ± 0.2 |  | EC NO: 784316                                                                         |  |                 | PRODUCT CUSTOMER DRAWING                                                           |              |  |
| 3 PLACES                                                                                                                                      |  | ± 0.2 |  | DRWN: RAVINR1 2024/04/19                                                              |  |                 |                                                                                    |              |  |
| 2 PLACES                                                                                                                                      |  | ± 0.2 |  | CHK'D: GGA 2024/05/13                                                                 |  |                 |                                                                                    |              |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: GGA 2024/05/13                                                                  |  |                 | DOCUMENT NUMBER<br>5019121000                                                      |              |  |
| 0 PLACES                                                                                                                                      |  | ± 0.2 |  | INITIAL REVISION:<br>DRWN: SHIRATA 2015/11/24<br>APPR: YNOGAWA 2016/01/05             |  |                 |                                                                                    |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING         |                                                                                    | SHEET NUMBER |  |
|                                                                                                                                               |  |       |  |  |  | A3-SIZE         |                                                                                    | 1 OF 2       |  |
|                                                                                                                                               |  |       |  | SERIES                                                                                |  | MATERIAL NUMBER |                                                                                    | CUSTOMER     |  |
|                                                                                                                                               |  |       |  | 501912                                                                                |  | SEE TABLE       |                                                                                    |              |  |
|                                                                                                                                               |  |       |  |                                                                                       |  |                 |                                                                                    |              |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/05/13 | 16:22:37 |
|-----------------|----|--------------|------------|----------|

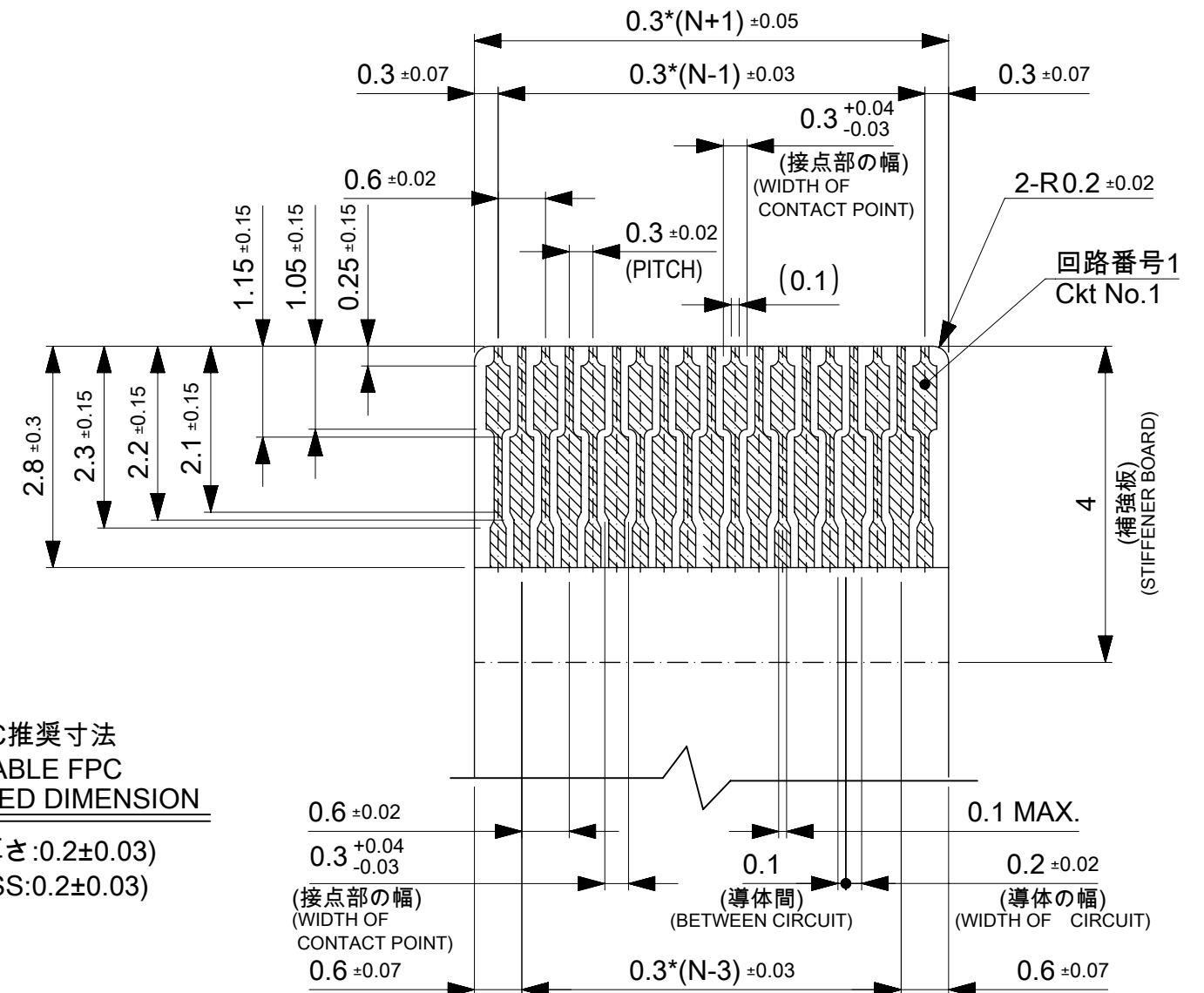


参考基板レイアウト図  
(マウント面)  
(MOUNTING SIDE)

注記 NOTES

## 1. 使用材料 MATERIAL

- |              |                                                 |
|--------------|-------------------------------------------------|
| ハウジング        | :耐熱性樹脂 ガラス充填 UL94V-0                            |
| HOUSING      | :HEAT RESISTANCE POLYMER(GLASS FILLED) UL94V-0  |
| アクチュエータ      | :耐熱性樹脂 ガラス充填 UL94V-0                            |
| ACTUATOR     | :HEAT RESISTANCE POLYMER(GLASS FILLED) UL94V-0  |
| ターミナル        | :銅合金(t=0.15)、ニッケル下地金メッキ                         |
| TERMINAL     | :COPPER ALLOY(t=0.15),GOLD OVER NICKEL PLATING. |
| 金具           | :銅合金(t=0.15)、ニッケル下地スズメッキ                        |
| FITTING NAIL | :COPPER ALLOY(t=0.15),TIN OVER NICKEL PLATING.  |
- ハウジングに黒点がある場合がありますが、問題はありません。
2. ソルダータール半田付け面、及び金具半田付け面の平坦度 : 0.1mm MAXIMUM.  
COPLANARITY OF SOLDER TAILS AND FITTING NAILS TO BE 0.1mm MAXIMUM.
3. ELV AND RoHS COMPLIANT.



適合FPC推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION

(仕上がり厚さ:0.2±0.03)  
(THICKNESS:0.2±0.03)

FPCについて:

打抜き方向は導体側から補強板側を推奨致します。

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致します。

補強フィルム材質はポリイミドを推奨します。

接着剤は熱硬化接着剤を推奨します。

## ABOUT FPC

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

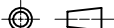
RECOMMENDED CONDUCTOR SPEC :

THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER.

RECOMMENDED MATERIAL :

STIFFENER FILM : POLYIMIDE

BONDING AGENT : THERMOSETTING BONDING AGENT.

|                                                                                                                                               |  |                                                                                                                 |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------|------------------------------|--|-------------------------------------------------------|--|--|-----------------|-----------------|----------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                                                 |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
| DIMENSION UNITS                                                                                                                               |  | SCALE                                                                                                           |                    | CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405.        |                              |  | <div>molex</div>                                      |  |  |                 |                 |                |
| mm                                                                                                                                            |  | 15:1                                                                                                            |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |                                                                                                                 |                    |                                                                           |                              |  | 0.3 FPC CONN E/O<br>HSG ASSY (HGT=1.8MM) GOLD PLATING |  |  |                 |                 |                |
| ANGULAR TOL ± 3.0°                                                                                                                            |  |                                                                                                                 |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
| 4 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
| 3 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |                    | PRODUCT CUSTOMER DRAWING                                                  |                              |  | DOCUMENT NUMBER<br>5019121000                         |  |  | DOC TYPE<br>PSD | DOC PART<br>000 | REVISION<br>B1 |
| 2 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
| 1 PLACE ± 0.2                                                                                                                                 |  |                                                                                                                 |                    | INITIAL REVISION:<br>DRWN: SHIRATA 2015/11/24<br>APPR: YNOGAWA 2016/01/05 |                              |  | SHEET NUMBER<br>2 OF 2                                |  |  |                 |                 |                |
| 0 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |                    |                                                                           |                              |  |                                                       |  |  |                 |                 |                |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  | THIRD ANGLE PROJECTION<br> | DRAWING<br>A3-SIZE | SERIES<br>501912                                                          | MATERIAL NUMBER<br>SEE TABLE |  | CUSTOMER                                              |  |  |                 |                 |                |