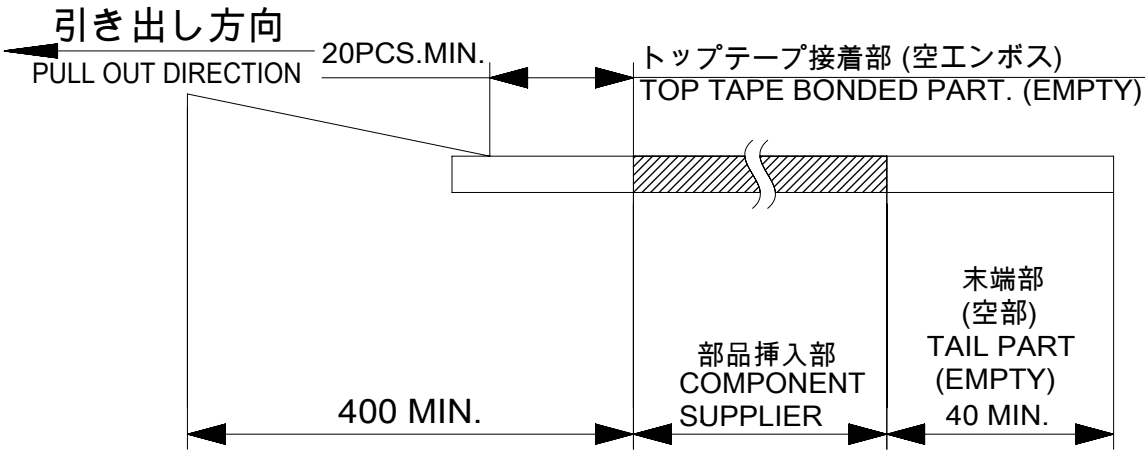
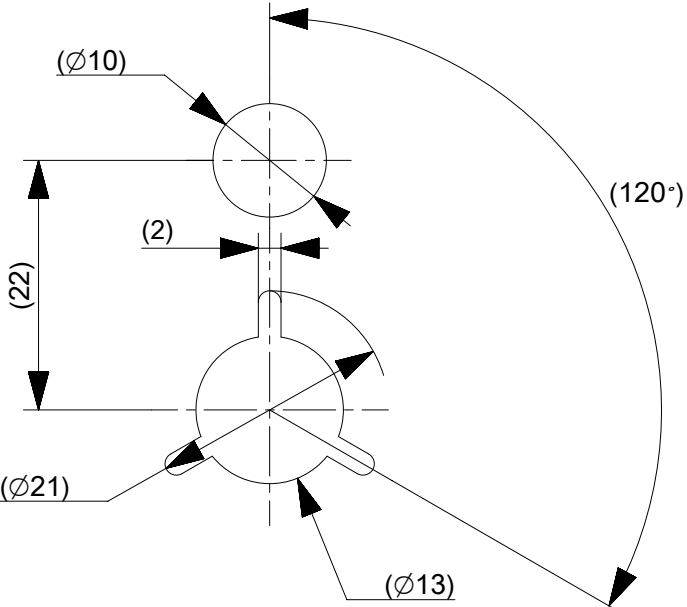
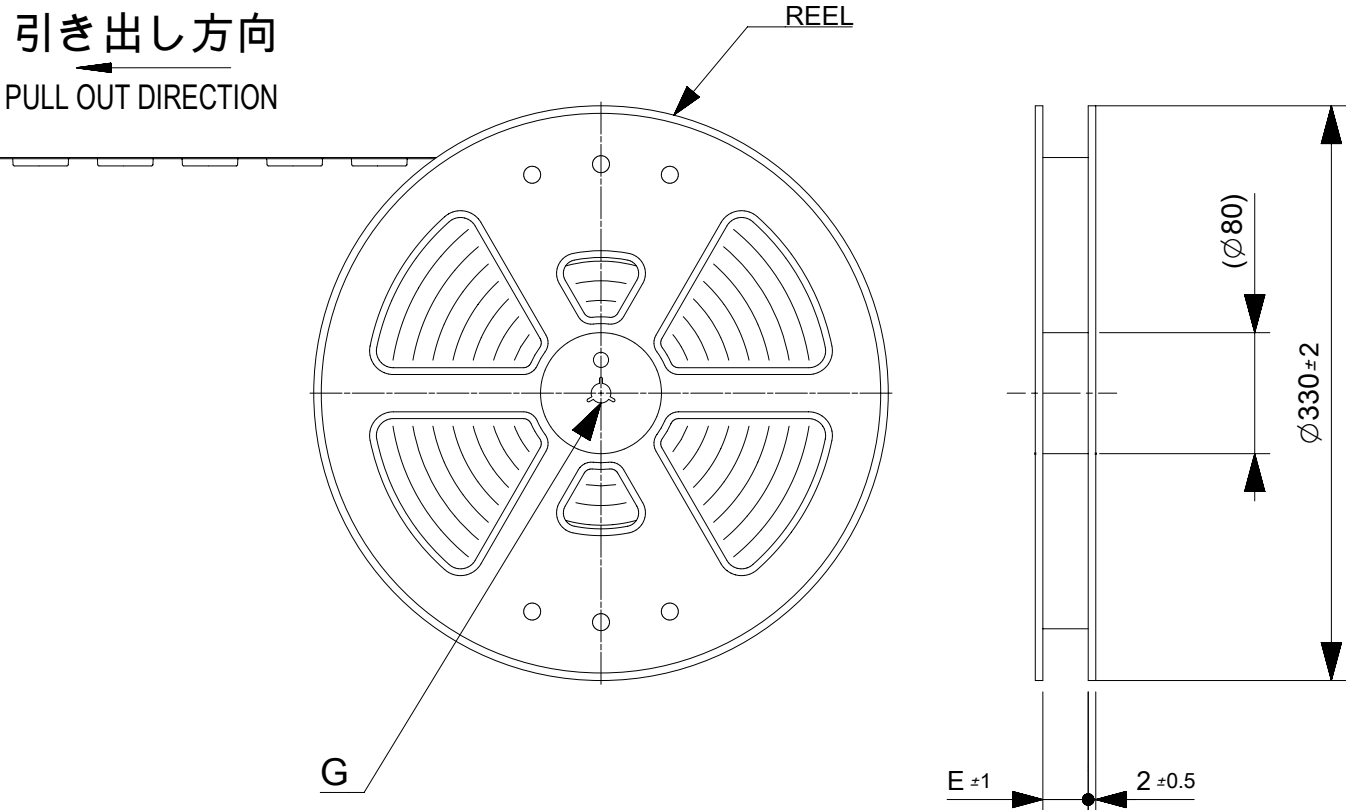


NOTES

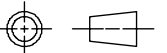
1. 54132\*\*22 のアクチュエータはハウジング内に押し下げた状態とする。  
詳細寸法については図面 54132100(Doc. Part No.: 000) をご参照下さい。  
ACTUATOR OF PART NO. 54132\*\*22 SHOULD BE LOCKED .  
BE DETAILED DIMENSIONS, SEE 54132100(Doc. Part No.: 000)
2. 梱包数量： 1500個 / リール  
NUMBER OF CONNECTORS : 1500 PCS/REEL.
3. リードテープ長さ LEAD TAPE LENGTH.

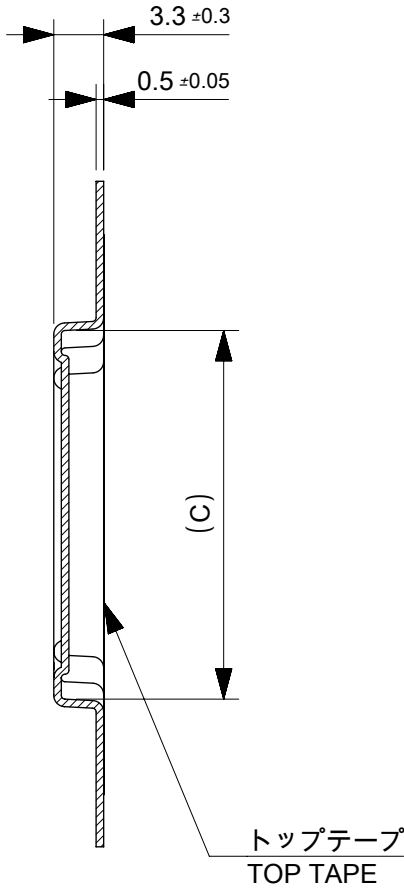


4. カバーテープの剥離強度については、IEC60286-3に準拠  
COVER TAPE PEEL FORCE IS DEDFINED BY IEC 60286-3
5. 材料 ( MATERIAL )  
キャリアテープ ( CARRIER TAPE ) : ポリスチレン(PS) ( POLYSTYRENE )  
トップテープ ( TOP TAPE ) : PS  
リール ( REEL ) : ポリスチレン ( POLYSTYLENE )
6. ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT.

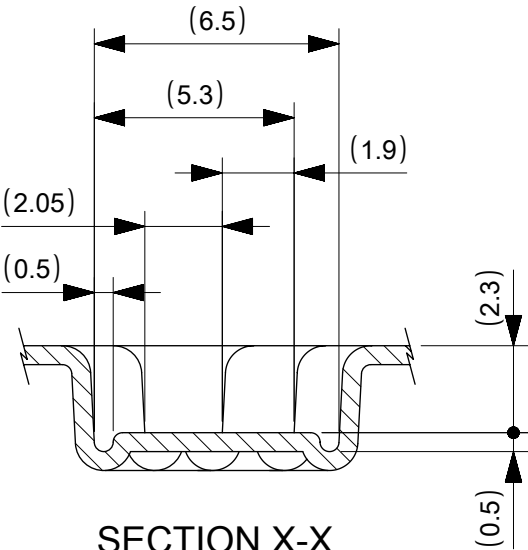
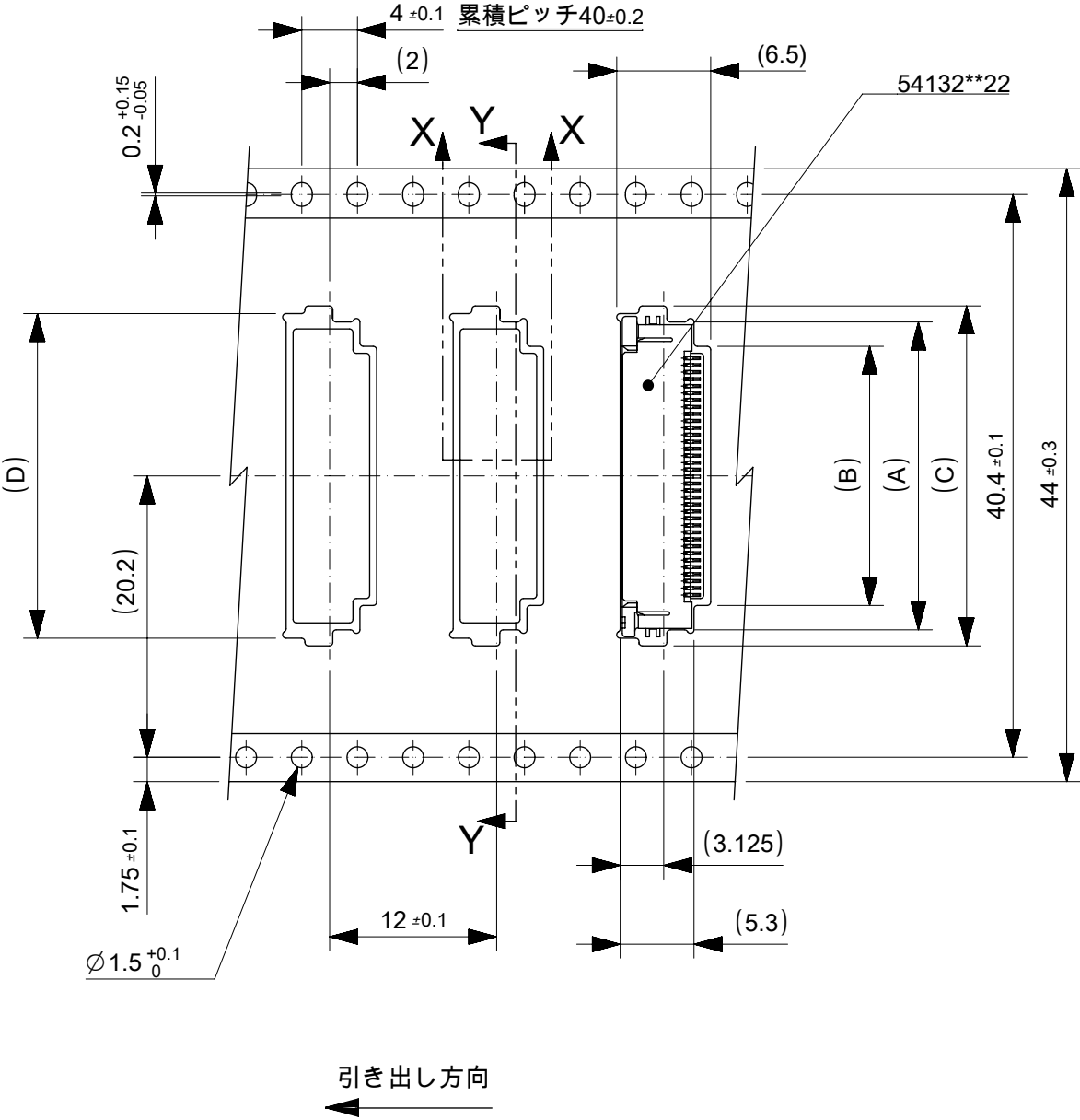


DETAIL G

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                        |                                       |                                                         |  |              |  |                                                                                       |           |                                                                    |          |                 |          |     |              |            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------------------|--|--------------|--|---------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------|----------|-----------------|----------|-----|--------------|------------|--|
| EC NO: 103444<br>DRWN: NVELUSAMY<br>CHK'D: TKUSUHARA01<br>APPR: TKUSUHARA01                                                                   | 2016/02/18<br>2016/05/24<br>2016/05/24 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS                                         |  | SCALE        |  | molex®                                                                                |           |                                                                    |          |                 |          |     |              |            |  |
|                                                                                                                                               |                                        |                                       | mm                                                      |  | 1:1          |  |                                                                                       |           |                                                                    |          |                 |          |     |              |            |  |
|                                                                                                                                               |                                        |                                       | ANGULAR TOL ± °                                         |  | DRWN BY      |  | DATE                                                                                  |           | EMBOSSSED TAPE PACKAGED FOR 0.5MM<br>FPC CONN ZIF R/A HOUSING ASSY |          |                 |          |     |              |            |  |
|                                                                                                                                               |                                        |                                       | 4 PLACES ±                                              |  | NVELUSAMY    |  | 2016/02/18                                                                            |           |                                                                    |          |                 |          |     |              |            |  |
|                                                                                                                                               |                                        |                                       | 3 PLACES ±                                              |  | CHK'D BY     |  | DATE                                                                                  |           |                                                                    |          |                 |          |     |              |            |  |
|                                                                                                                                               |                                        |                                       | 2 PLACES ±                                              |  | YKOBAYASHI02 |  | PRODUCT CUSTOMER DRAWING                                                              |           |                                                                    |          |                 |          |     |              |            |  |
|                                                                                                                                               |                                        |                                       | 1 PLACE ±                                               |  | APPR BY      |  |                                                                                       |           |                                                                    |          |                 |          |     |              | DATE       |  |
|                                                                                                                                               |                                        |                                       | 0 PLACES ±                                              |  | TKUSUHARA01  |  |                                                                                       |           |                                                                    |          |                 |          |     |              | 2016/05/24 |  |
|                                                                                                                                               |                                        |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | DRAWING SIZE |  | THIRD ANGLE PROJECTION                                                                |           | SERIES                                                             |          | MATERIAL NUMBER |          |     | CUSTOMER     |            |  |
|                                                                                                                                               |                                        |                                       |                                                         |  | A3           |  |  |           | 54132                                                              |          | SEE CHART       |          |     | GENERAL      |            |  |
| A                                                                                                                                             |                                        | REV                                   |                                                         |  |              |  | DOCUMENT NUMBER                                                                       |           |                                                                    | DOC TYPE |                 | DOC PART |     | SHEET NUMBER |            |  |
|                                                                                                                                               |                                        |                                       |                                                         |  |              |  |                                                                                       | 541320000 |                                                                    |          | PSD             |          | 000 |              | 1 OF 2     |  |



SECTION Y-Y

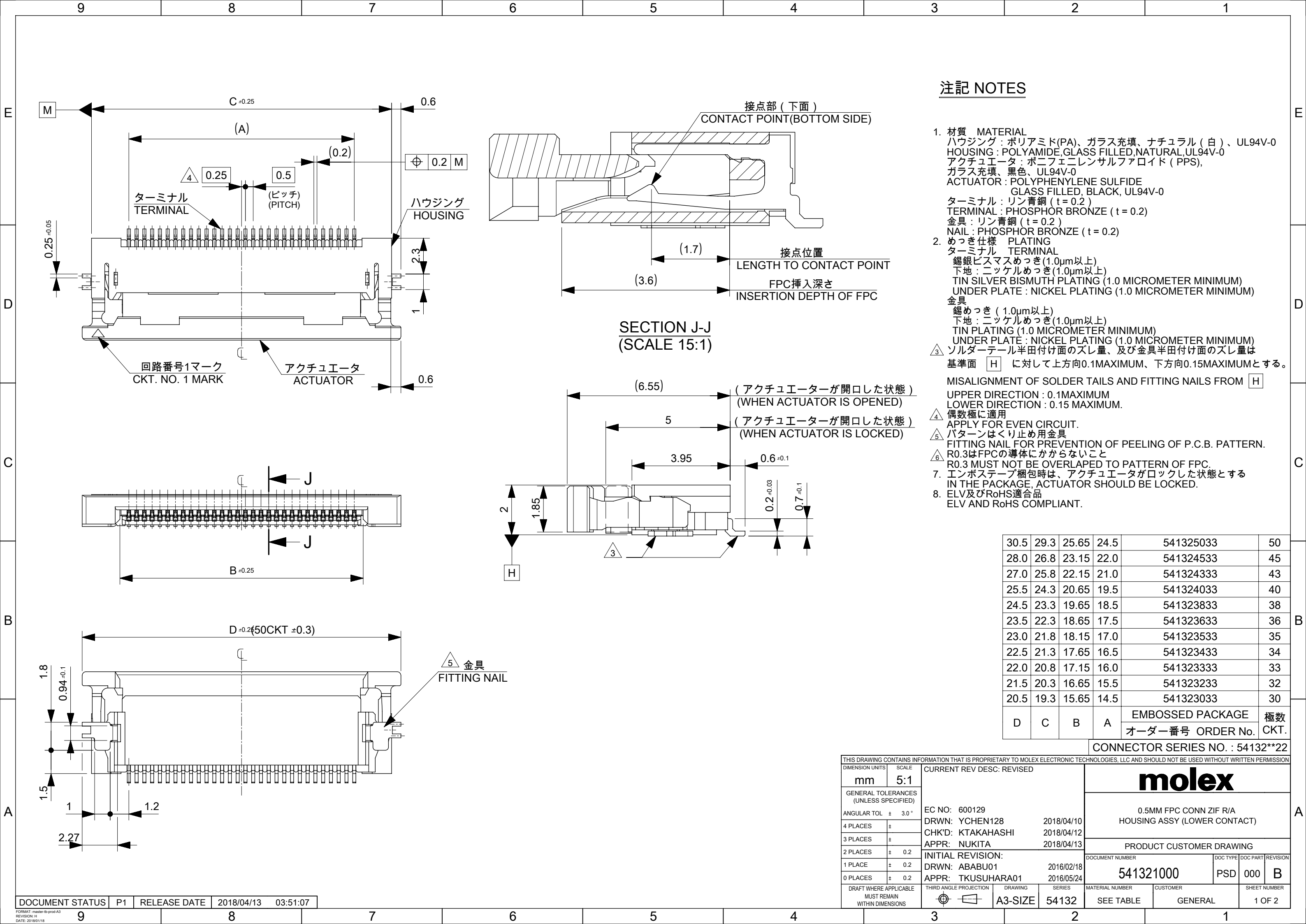


SECTION X-X  
(SCALE 5:1)

|                                |      |      |      |      |      |              |      |
|--------------------------------|------|------|------|------|------|--------------|------|
| 44                             | 45.5 | 30.8 | 31.9 | 26.1 | 29.6 | 541325033    | 50   |
|                                |      | 28.3 | 29.4 | 23.6 | 27.1 | 541324533    | 45   |
|                                |      | 27.3 | 28.4 | 22.6 | 26.1 | 541324333    | 43   |
|                                |      | 25.8 | 26.9 | 21.1 | 24.6 | 541324033    | 40   |
|                                |      | 24.8 | 25.9 | 20.1 | 23.6 | 541323833    | 38   |
|                                |      | 23.8 | 24.9 | 19.1 | 22.6 | 541323633    | 36   |
|                                |      | 23.3 | 24.4 | 18.6 | 22.1 | 541323533    | 35   |
|                                |      | 22.8 | 23.9 | 18.1 | 21.6 | 541323433    | 34   |
|                                |      | 22.3 | 23.4 | 17.6 | 21.1 | 541323333    | 33   |
|                                |      | 21.8 | 22.9 | 17.1 | 20.6 | 541323233    | 32   |
|                                |      | 20.8 | 21.9 | 16.1 | 19.6 | 541323033    | 30   |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | E    | D    | C    | B    | A    | MATERIAL NO. | CKT. |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|                                                                             |   |     |                                                                                                                                                                                                  |  |                              |                        |                                                                    |                 |                 |                        |
|-----------------------------------------------------------------------------|---|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|------------------------|--------------------------------------------------------------------|-----------------|-----------------|------------------------|
| EC NO: 103444<br>DRWN: NVELUSAMY<br>CHK'D: TKUSUHARA01<br>APPR: TKUSUHARA01 | A | REV | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><br>ANGULAR TOL ± °<br>4 PLACES ±<br>3 PLACES ±<br>2 PLACES ±<br>1 PLACE ±<br>0 PLACES ±<br><br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | DIMENSION UNITS<br>mm        | SCALE<br>1:1           | <b>molex®</b>                                                      |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  | DRWN BY<br>NVELUSAMY         | DATE<br>2016/02/18     |                                                                    |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  | CHK'D BY<br>YKOBAYASHI02     | DATE                   | EMBOSSSED TAPE PACKAGED FOR 0.5MM<br>FPC CONN ZIF R/A HOUSING ASSY |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  | APPR BY<br>TKUSUHARA01       | DATE<br>2016/05/24     |                                                                    |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  | DRAWING SIZE<br>A3           | THIRD ANGLE PROJECTION | PRODUCT CUSTOMER DRAWING                                           |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  | 54132                        |                        | SEE CHART                                                          |                 | GENERAL         |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  | DOCUMENT NUMBER<br>541320000 |                        |                                                                    | DOC TYPE<br>PSD | DOC PART<br>000 | SHEET NUMBER<br>2 OF 2 |
|                                                                             |   |     |                                                                                                                                                                                                  |  |                              |                        |                                                                    |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  |                              |                        |                                                                    |                 |                 |                        |
|                                                                             |   |     |                                                                                                                                                                                                  |  |                              |                        |                                                                    |                 |                 |                        |



注記 NOTES

- 材質 MATERIAL  
ハウジング：ポリアミド(PA)、ガラス充填、ナチュラル（白）、UL94V-0  
HOUSING：POLYAMIDE, GLASS FILLED, NATURAL, UL94V-0  
アクチュエータ：ポニフェニレンサルファロイド（PPS）、  
ガラス充填、黒色、UL94V-0  
ACTUATOR：POLYPHENYLENE SULFIDE  
GLASS FILLED, BLACK, UL94V-0  
ターミナル：リン青銅（t=0.2）  
TERMINAL：PHOSPHOR BRONZE（t=0.2）  
金具：リン青銅（t=0.2）  
NAIL：PHOSPHOR BRONZE（t=0.2）
  - めっき仕様 PLATING  
ターミナル TERMINAL  
錫銀ビスマスめっき（1.0μm以上）  
下地：ニッケルめっき（1.0μm以上）  
TIN SILVER BISMUTH PLATING（1.0 MICROMETER MINIMUM）  
UNDER PLATE：NICKEL PLATING（1.0 MICROMETER MINIMUM）  
金具  
錫めっき（1.0μm以上）  
下地：ニッケルめっき（1.0μm以上）  
TIN PLATING（1.0 MICROMETER MINIMUM）  
UNDER PLATE：NICKEL PLATING（1.0 MICROMETER MINIMUM）
- △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 H に対して上方向0.1MAXIMUM、下方向0.15MAXIMUMとする。
- MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM H  
UPPER DIRECTION：0.1MAXIMUM  
LOWER DIRECTION：0.15 MAXIMUM.
- △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.
- △6 R0.3はFPCの導体にかからないこと  
R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.
7. 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 SHOULD BE LOCKED.
8. ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT.

|      |      |       |      |                                      |            |
|------|------|-------|------|--------------------------------------|------------|
| 30.5 | 29.3 | 25.65 | 24.5 | 541325033                            | 50         |
| 28.0 | 26.8 | 23.15 | 22.0 | 541324533                            | 45         |
| 27.0 | 25.8 | 22.15 | 21.0 | 541324333                            | 43         |
| 25.5 | 24.3 | 20.65 | 19.5 | 541324033                            | 40         |
| 24.5 | 23.3 | 19.65 | 18.5 | 541323833                            | 38         |
| 23.5 | 22.3 | 18.65 | 17.5 | 541323633                            | 36         |
| 23.0 | 21.8 | 18.15 | 17.0 | 541323533                            | 35         |
| 22.5 | 21.3 | 17.65 | 16.5 | 541323433                            | 34         |
| 22.0 | 20.8 | 17.15 | 16.0 | 541323333                            | 33         |
| 21.5 | 20.3 | 16.65 | 15.5 | 541323233                            | 32         |
| 20.5 | 19.3 | 15.65 | 14.5 | 541323033                            | 30         |
| D    | C    | B     | A    | EMBOSSED PACKAGE<br>オーダー番号 ORDER No. | 極数<br>CKT. |

CONNECTOR SERIES NO. : 54132\*\*22

|                                                                                                                                               |  |       |  |                                                        |  |            |  |                  |  |          |  |              |  |          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|--------------------------------------------------------|--|------------|--|------------------|--|----------|--|--------------|--|----------|--|
| 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: REVISED                              |  |            |  | <div>molex</div> |  |          |  |              |  |          |  |
| mm                                                                                                                                            |  | 5:1   |  |                                                        |  |            |  |                  |  |          |  |              |  |          |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  | 0.5MM FPC CONN ZIF R/A<br>HOUSING ASSY (LOWER CONTACT) |  |            |  |                  |  |          |  |              |  |          |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |  |       |  |                                                        |  |            |  |                  |  |          |  |              |  |          |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 600129                                          |  | 2018/04/10 |  |                  |  |          |  |              |  |          |  |
| 3 PLACES                                                                                                                                      |  | ±     |  | DRWN: YCHEN128                                         |  |            |  |                  |  |          |  |              |  |          |  |
| 2 PLACES                                                                                                                                      |  | ± 0.2 |  | CHK'D: KTAKAHASHI                                      |  |            |  |                  |  |          |  |              |  |          |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: NUKITA                                           |  | 2018/04/12 |  |                  |  |          |  |              |  |          |  |
| 0 PLACES                                                                                                                                      |  | ± 0.2 |  | INITIAL REVISION:                                      |  | 2018/04/13 |  |                  |  |          |  |              |  |          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | DRWN: ABABU01                                          |  | 2016/02/18 |  |                  |  |          |  |              |  |          |  |
|                                                                                                                                               |  |       |  | APPR: TKUSUHARA01                                      |  | 2016/05/24 |  |                  |  |          |  |              |  |          |  |
|                                                                                                                                               |  |       |  |                                                        |  |            |  |                  |  |          |  |              |  |          |  |
| THIRD ANGLE PROJECTION                                                                                                                        |  |       |  | DRAWING                                                |  | SERIES     |  | DOCUMENT NUMBER  |  | DOC TYPE |  | DOC PART     |  | REVISION |  |
|                                                          |  |       |  | A3-SIZE                                                |  | 54132      |  | 541321000        |  | PSD      |  | 000          |  | B        |  |
|                                                                                                                                               |  |       |  |                                                        |  |            |  | MATERIAL NUMBER  |  | CUSTOMER |  | SHEET NUMBER |  |          |  |
|                                                                                                                                               |  |       |  |                                                        |  |            |  | SEE TABLE        |  | GENERAL  |  | 1 OF 2       |  |          |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/04/13 | 03:51:07 |
|-----------------|----|--------------|------------|----------|

FORMAT: master-B-prod-A3  
REVISION: 14  
DATE: 2018/01/18

