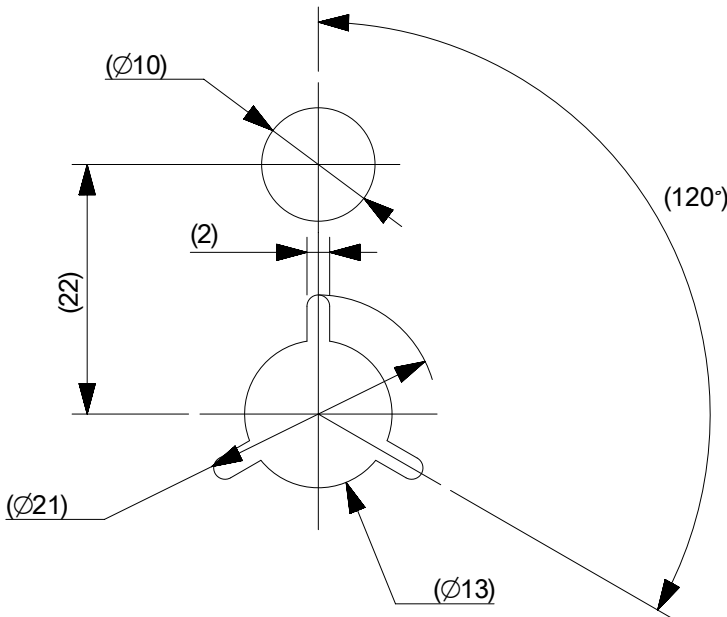
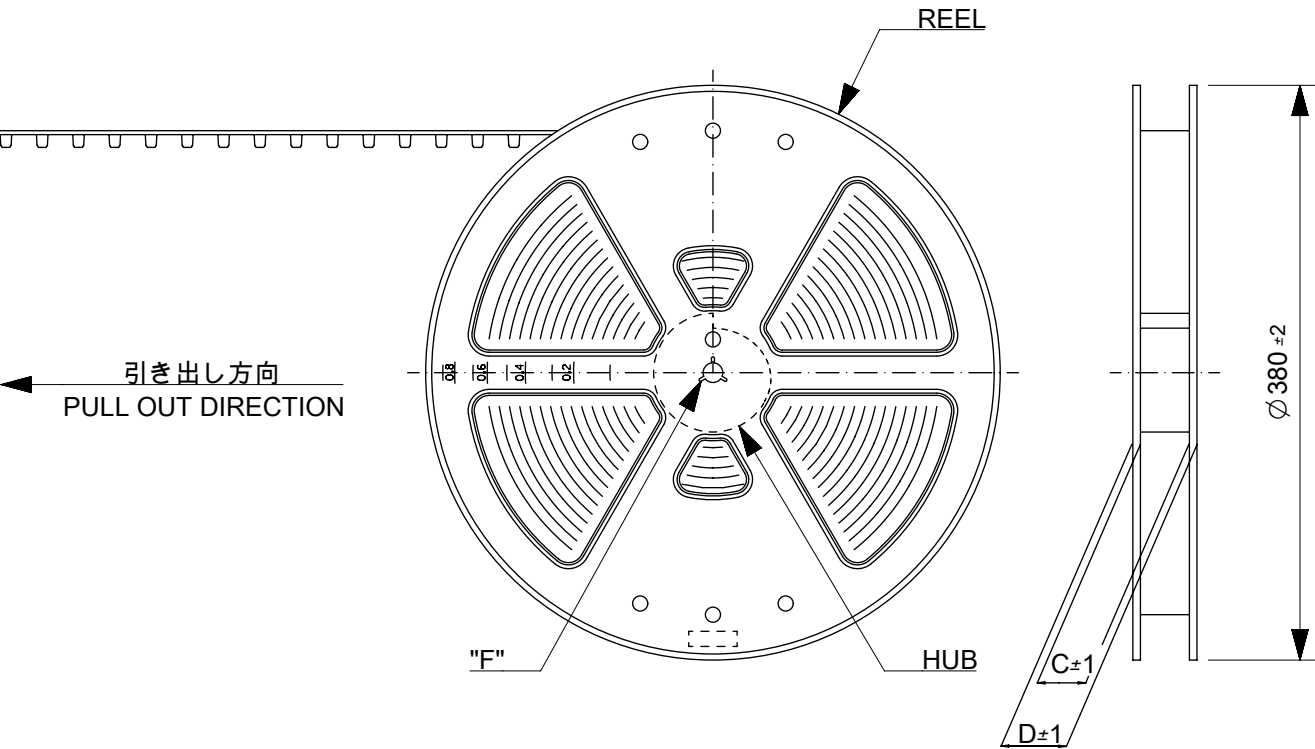
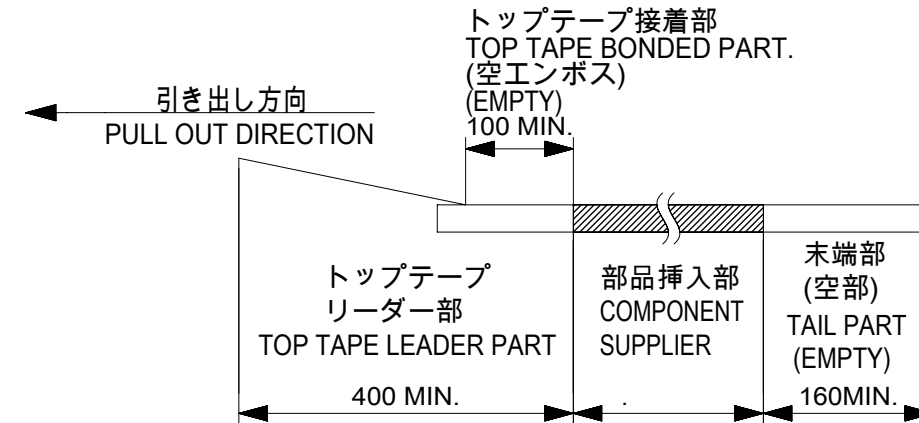


HUB

DETAIL "F"

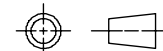
NOTES

- 梱包数量 : 900個 / リール  
NUMBER OF CONNECTORS : 900 PCS/REEL.
- リードテープ長さ  
LEAD TAPE LENGTH.

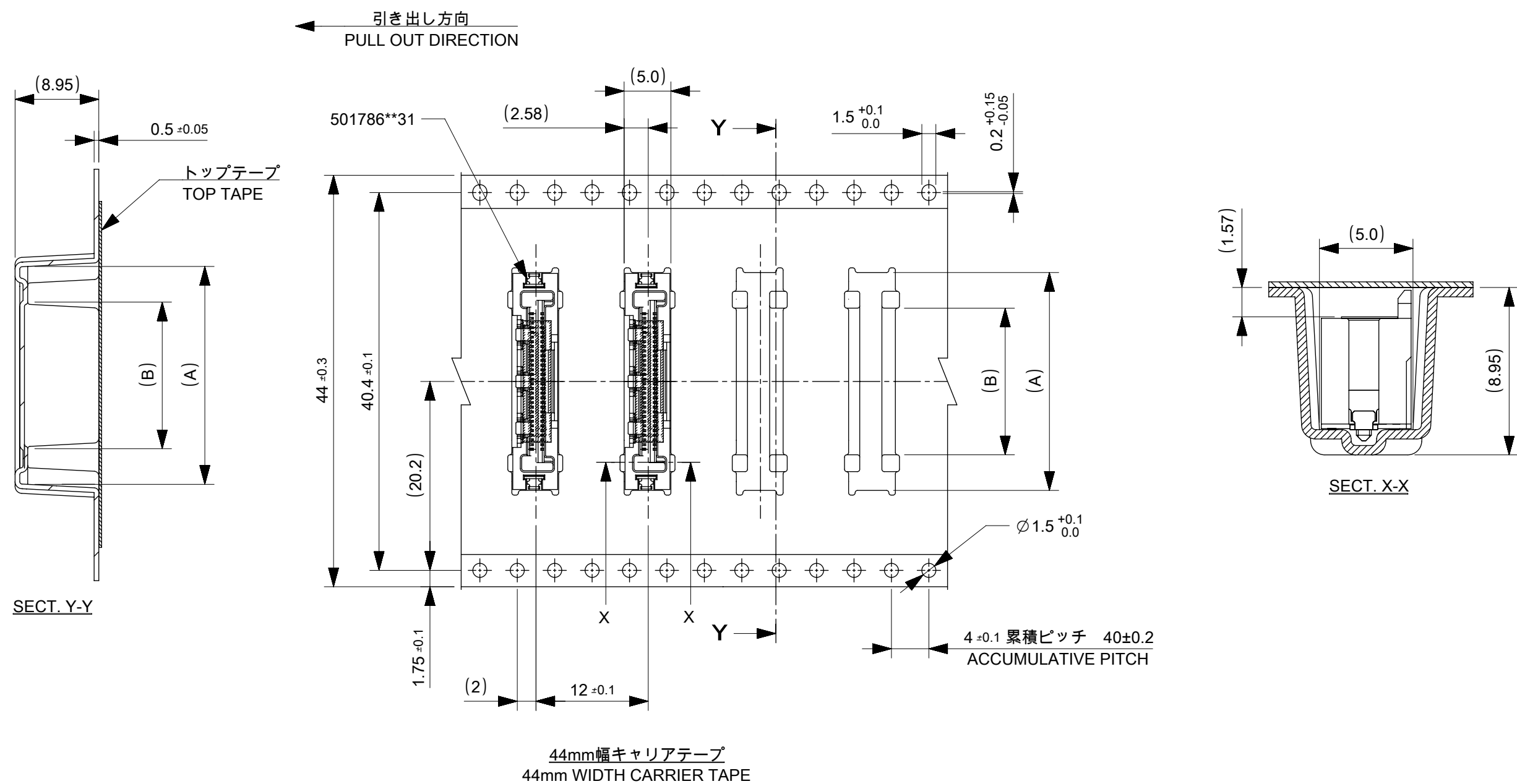


- 製品詳細寸法については図面 5017861002 DOC.PART 000を参照下さい。  
RE DETAILED DIMENSION, SEE 5017861002 DOC.PART 000.
- 材料(MATERIAL)  
キャリアテープ(CARRIER TAPE) : ポリスチレン(POLYSTYRENE)  
トップテープ(TOP TAPE) : PET, PE, PE  
リール(REEL) : ポリスチレン(POLYSTYRENE) リサイクル材を含む  
RECYCLE MATERIAL CONTAINED

501786\*\*91 MODEL NO.

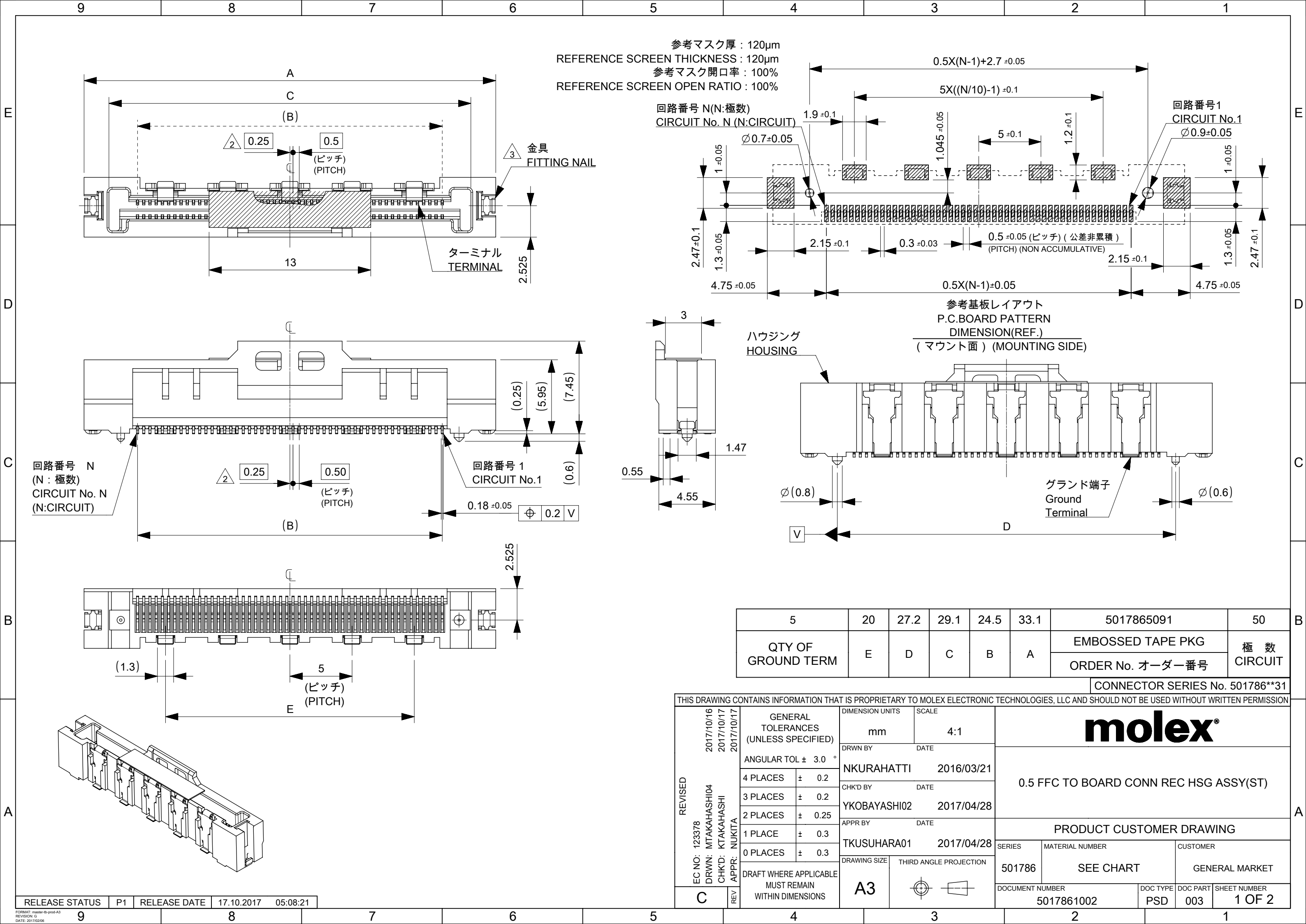
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                        |                                                         |  |                 |  |                                                                                       |  |                                            |  |  |  |  |  |                              |  |                            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------|--|-----------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------|--|--|--|--|--|------------------------------|--|----------------------------|--|
| EC NO: 116288<br>DRWN: VLM<br>CHK'D: YKOBAYASHI02<br>APPR: TKUSUHARA01                                                                        | 2016/02/17<br>2017/04/28<br>2017/04/28 | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |  | DIMENSION UNITS |  | SCALE                                                                                 |  | <div>molex®</div>                          |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        |                                                         |  | MM              |  | 1:1                                                                                   |  |                                            |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        | ANGULAR TOL ± 3.0 °                                     |  | DRWN BY         |  | DATE                                                                                  |  | EMBSTP PKG FOR<br>0.5 FFC TO BOARD ST TYPE |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        |                                                         |  | VLM             |  | 2016/02/17                                                                            |  |                                            |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        | 4 PLACES ± 0.2                                          |  | CHK'D BY        |  | DATE                                                                                  |  | PRODUCT CUSTOMER DRAWING                   |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        | 3 PLACES ± 0.2                                          |  | YKOBAYASHI02    |  | 2017/04/28                                                                            |  |                                            |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        | 2 PLACES ± 0.25                                         |  | APPR BY         |  | DATE                                                                                  |  | SERIES<br>501786                           |  |  |  |  |  | MATERIAL NUMBER<br>SEE CHART |  | CUSTOMER<br>GENERAL MARKET |  |
|                                                                                                                                               |                                        | 1 PLACE ± 0.3                                           |  | TKUSUHARA01     |  | 2017/04/28                                                                            |  |                                            |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        | 0 PLACES ± 0.3                                          |  | DRAWING SIZE    |  | THIRD ANGLE PROJECTION                                                                |  |                                            |  |  |  |  |  |                              |  |                            |  |
|                                                                                                                                               |                                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | A3              |  |  |  |                                            |  |  |  |  |  |                              |  |                            |  |

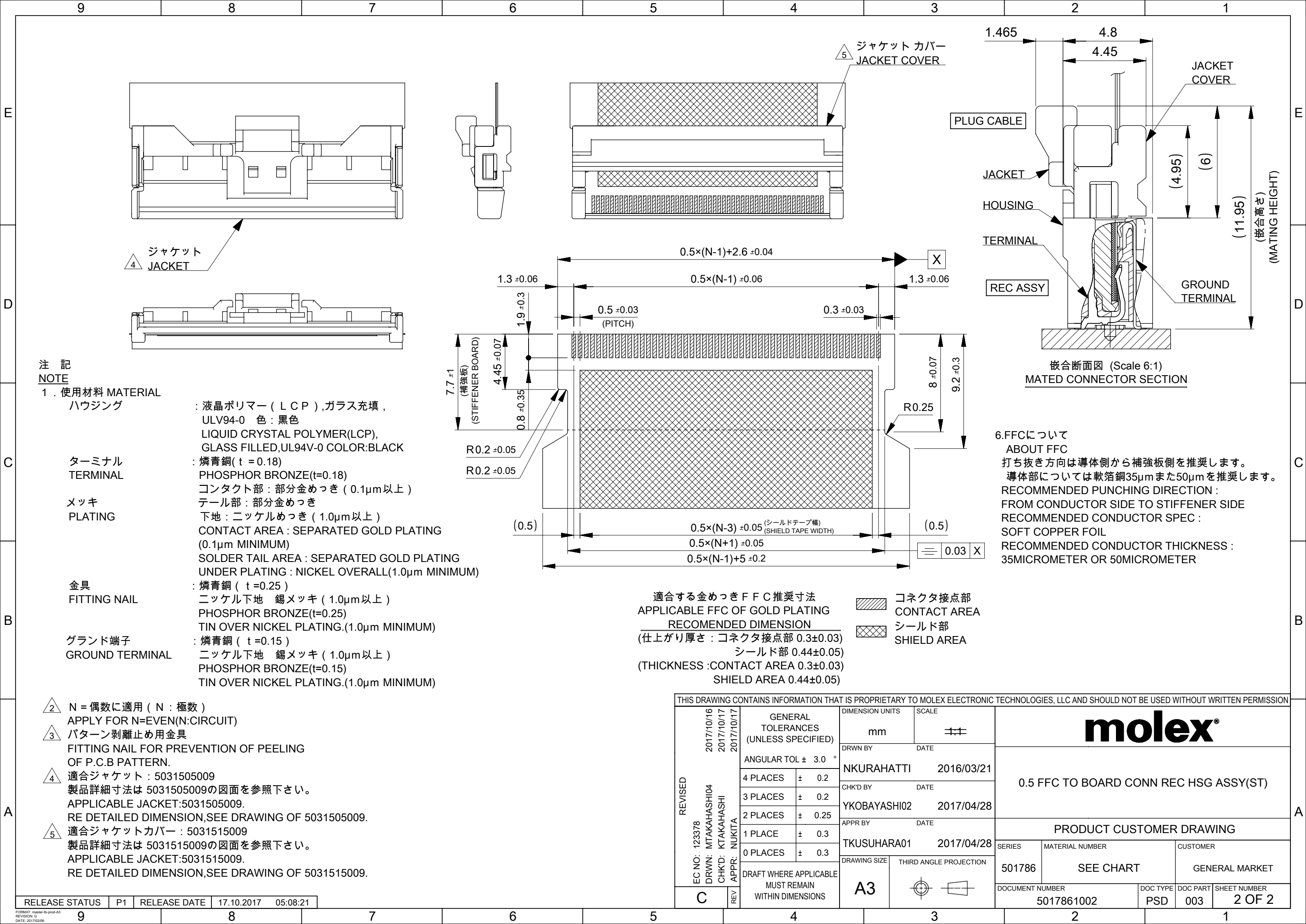
RELEASE STATUS P1 RELEASE DATE 28.04.2017 06:03:55



|                                |      |      |       |      |                      |           |
|--------------------------------|------|------|-------|------|----------------------|-----------|
| 56                             | 61.4 | 57.4 | 25.68 | 33.3 | 5017865091           | 50        |
| 44                             | 49.4 | 45.4 | 15.68 | 23.3 | 5017863091           | 30        |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | D    | C    | B     | A    | 製品番号<br>MATERIAL NO. | 極数<br>CKT |

|                                                                                                                                               |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|----------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------|----------|-----------------|-----------------|--|--------|-----------|--------------------------------------------------------------------------|--|-----------------|--|----------|----------|--------------|------------|--|-----|-----|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| EC NO: 116288<br>DRWN: VLM<br>CHK'D: YKOBAYASHI02<br>APPR: TKUSUHARA01                                                                        | 2016/02/17 | <div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div> <div>ANGULAR TOL ± 3.0 °</div> <table><tr><td>4 PLACES</td><td>± 0.2</td></tr><tr><td>3 PLACES</td><td>± 0.2</td></tr><tr><td>2 PLACES</td><td>± 0.25</td></tr><tr><td>1 PLACE</td><td>± 0.3</td></tr><tr><td>0 PLACES</td><td>± 0.3</td></tr></table> <div>DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</div> | 4 PLACES       | ± 0.2        | 3 PLACES | ± 0.2 | 2 PLACES                                                                                                                                                                                                                                                                                                                                                                                         | ± 0.25 | 1 PLACE | ± 0.3 | 0 PLACES | ± 0.3           | DIMENSION UNITS |  | SCALE  |           | <div>molex®</div> <div>EMBSTP PKG FOR<br/>0.5 FFC TO BOARD ST TYPE</div> |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 4 PLACES   |                                                                                                                                                                                                                                                                                                                                                                             | ± 0.2          |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 3 PLACES   |                                                                                                                                                                                                                                                                                                                                                                             | ± 0.2          |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 2 PLACES   |                                                                                                                                                                                                                                                                                                                                                                             | ± 0.25         |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 1 PLACE    |                                                                                                                                                                                                                                                                                                                                                                             | ± 0.3          |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 0 PLACES   |                                                                                                                                                                                                                                                                                                                                                                             | ± 0.3          |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 2017/04/28 |                                                                                                                                                                                                                                                                                                                                                                             | MM             |              | 1:1      |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 2017/04/28 |                                                                                                                                                                                                                                                                                                                                                                             | DRWN BY DATE   |              |          |       | <div>PRODUCT CUSTOMER DRAWING</div> <table><tr><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>501786</td><td>SEE CHART</td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">5017860002</td><td>PSD</td><td>000</td><td>2 OF 2</td></tr></table> |        |         |       | SERIES   | MATERIAL NUMBER | CUSTOMER        |  | 501786 | SEE CHART | GENERAL MARKET                                                           |  | DOCUMENT NUMBER |  | DOC TYPE | DOC PART | SHEET NUMBER | 5017860002 |  | PSD | 000 |
|                                                                                                                                               | SERIES     | MATERIAL NUMBER                                                                                                                                                                                                                                                                                                                                                             | CUSTOMER       |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
|                                                                                                                                               | 501786     | SEE CHART                                                                                                                                                                                                                                                                                                                                                                   | GENERAL MARKET |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| DOCUMENT NUMBER                                                                                                                               |            | DOC TYPE                                                                                                                                                                                                                                                                                                                                                                    | DOC PART       | SHEET NUMBER |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| 5017860002                                                                                                                                    |            | PSD                                                                                                                                                                                                                                                                                                                                                                         | 000            | 2 OF 2       |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| VLM 2016/02/17                                                                                                                                |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| CHK'D BY DATE                                                                                                                                 |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| YKOBAYASHI02 2017/04/28                                                                                                                       |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| APPR BY DATE                                                                                                                                  |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| TKUSUHARA01 2017/04/28                                                                                                                        |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| DRAWING SIZE                                                                                                                                  |            | THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                      |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |
| A3                                                                                                                                            |            |                                                                                                                                                                                                                                                                                                                                                                             |                |              |          |       |                                                                                                                                                                                                                                                                                                                                                                                                  |        |         |       |          |                 |                 |  |        |           |                                                                          |  |                 |  |          |          |              |            |  |     |     |





注 記  
NOTE

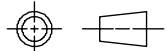
1. 使用材料 MATERIAL  
ハウジング : 液晶ポリマー ( L C P ),ガラス充填 ,  
ULV94-0 色 : 黒色  
LIQUID CRYSTAL POLYMER(LCP),  
GLASS FILLED,UL94V-0 COLOR:BLACK
- ターミナル TERMINAL : 燐青銅( t =0.18)  
PHOSPHOR BRONZE(t=0.18)  
コンタクト部 : 部分金めつき ( 0.1μm以上 )  
テール部 : 部分金めつき  
下地 : ニッケルめつき ( 1.0μm以上 )  
CONTACT AREA : SEPARATED GOLD PLATING  
(0.1μm MINIMUM)  
SOLDER TAIL AREA : SEPARATED GOLD PLATING  
UNDER PLATING : NICKEL OVERALL(1.0μm MINIMUM)
- メッキ PLATING
- 金具 FITTING NAIL : 燐青銅 ( t =0.25 )  
ニッケル下地 錫メッキ ( 1.0μm以上 )  
PHOSPHOR BRONZE(t=0.25)  
TIN OVER NICKEL PLATING.(1.0μm MINIMUM)
- グラウンド端子 GROUND TERMINAL : 燐青銅 ( t =0.15 )  
ニッケル下地 錫メッキ ( 1.0μm以上 )  
PHOSPHOR BRONZE(t=0.15)  
TIN OVER NICKEL PLATING.(1.0μm MINIMUM)

- 2 N = 偶数に適用 ( N : 極数 )  
APPLY FOR N=EVEN(N:CIRCUIT)
- 3 パターン剥離止め用金具  
FITTING NAIL FOR PREVENTION OF PEELING  
OF P.C.B PATTERN.
- 4 適合ジャケット : 5031505009  
製品詳細寸法は 5031505009の図面を参照下さい。  
APPLICABLE JACKET:5031505009.  
RE DETAILED DIMENSION,SEE DRAWING OF 5031505009.
- 5 適合ジャケットカバー : 5031515009  
製品詳細寸法は 5031515009の図面を参照下さい。  
APPLICABLE JACKET:5031515009.  
RE DETAILED DIMENSION,SEE DRAWING OF 5031515009.

適合する金めつき F F C 推奨寸法  
APPLICABLE FFC OF GOLD PLATING  
RECOMENDED DIMENSION  
(仕上がり厚さ : コネクタ接点部 0.3±0.03)  
シールド部 0.44±0.05)  
(THICKNESS :CONTACT AREA 0.3±0.03)  
SHIELD AREA 0.44±0.05)

コネクタ接点部  
CONTACT AREA  
シールド部  
SHIELD AREA

6.FFCについて  
ABOUT FFC  
打ち抜き方向は導体側から補強板側を推奨します。  
導体部については軟箔銅35μm また50μmを推奨します。  
RECOMMENDED PUNCHING DIRECTION :  
FROM CONDUCTOR SIDE TO STIFFENER SIDE  
RECOMMENDED CONDUCTOR SPEC :  
SOFT COPPER FOIL  
RECOMMENDED CONDUCTOR THICKNESS :  
35MICROMETER OR 50MICROMETER

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |               |                    |                   |              |                                                      |  |                 |  |                                                                                       |            |                                                                                       |                 |                          |           |                                        |          |          |                |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|-------------------|--------------|------------------------------------------------------|--|-----------------|--|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|-----------------|--------------------------|-----------|----------------------------------------|----------|----------|----------------|--|--|--|
| REVISED                                                                                                                                       | EC NO: 123378 | DRWN: MTAKAHASHI04 | CHK'D: KTAKAHASHI | APPR: NUKITA | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION UNITS |  | SCALE                                                                                 |            | <div>molex®</div>                                                                     |                 |                          |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              |                                                      |  | mm              |  |  |            |                                                                                       |                 |                          |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | ANGULAR TOL ± 3.0 °                                  |  |                 |  | DRWN BY                                                                               |            |                                                                                       |                 | DATE                     |           | 0.5 FFC TO BOARD CONN REC HSG ASSY(ST) |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | 4 PLACES                                             |  | ± 0.2           |  | NKURAHATTI                                                                            |            |                                                                                       |                 | 2016/03/21               |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | 3 PLACES                                             |  | ± 0.2           |  | CHK'D BY                                                                              |            | DATE                                                                                  |                 |                          |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | 2 PLACES                                             |  | ± 0.25          |  | YKOBAYASHI02                                                                          |            | 2017/04/28                                                                            |                 | PRODUCT CUSTOMER DRAWING |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | 1 PLACE                                              |  | ± 0.3           |  | APPR BY                                                                               |            | DATE                                                                                  |                 |                          |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | 0 PLACES                                             |  | ± 0.3           |  | TKUSUHARA01                                                                           |            | 2017/04/28                                                                            |                 |                          |           |                                        |          |          |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | DRAWING SIZE    |  | THIRD ANGLE PROJECTION                                                                |            |  |                 | SERIES                   |           | MATERIAL NUMBER                        |          | CUSTOMER |                |  |  |  |
|                                                                                                                                               |               |                    |                   |              |                                                      |  | A3              |  |                                                                                       |            |                                                                                       |                 |                          |           |                                        |          |          |                |  |  |  |
| C                                                                                                                                             | REV           |                    |                   |              |                                                      |  |                 |  |                                                                                       |            |                                                                                       | DOCUMENT NUMBER |                          | DOC TYPE  |                                        | DOC PART |          | SHEET NUMBER   |  |  |  |
|                                                                                                                                               |               |                    |                   |              |                                                      |  |                 |  |                                                                                       | 501786     |                                                                                       |                 |                          | SEE CHART |                                        |          |          | GENERAL MARKET |  |  |  |
|                                                                                                                                               |               |                    |                   |              |                                                      |  |                 |  |                                                                                       | 5017861002 |                                                                                       |                 |                          | PSD       |                                        | 003      |          | 2 OF 2         |  |  |  |