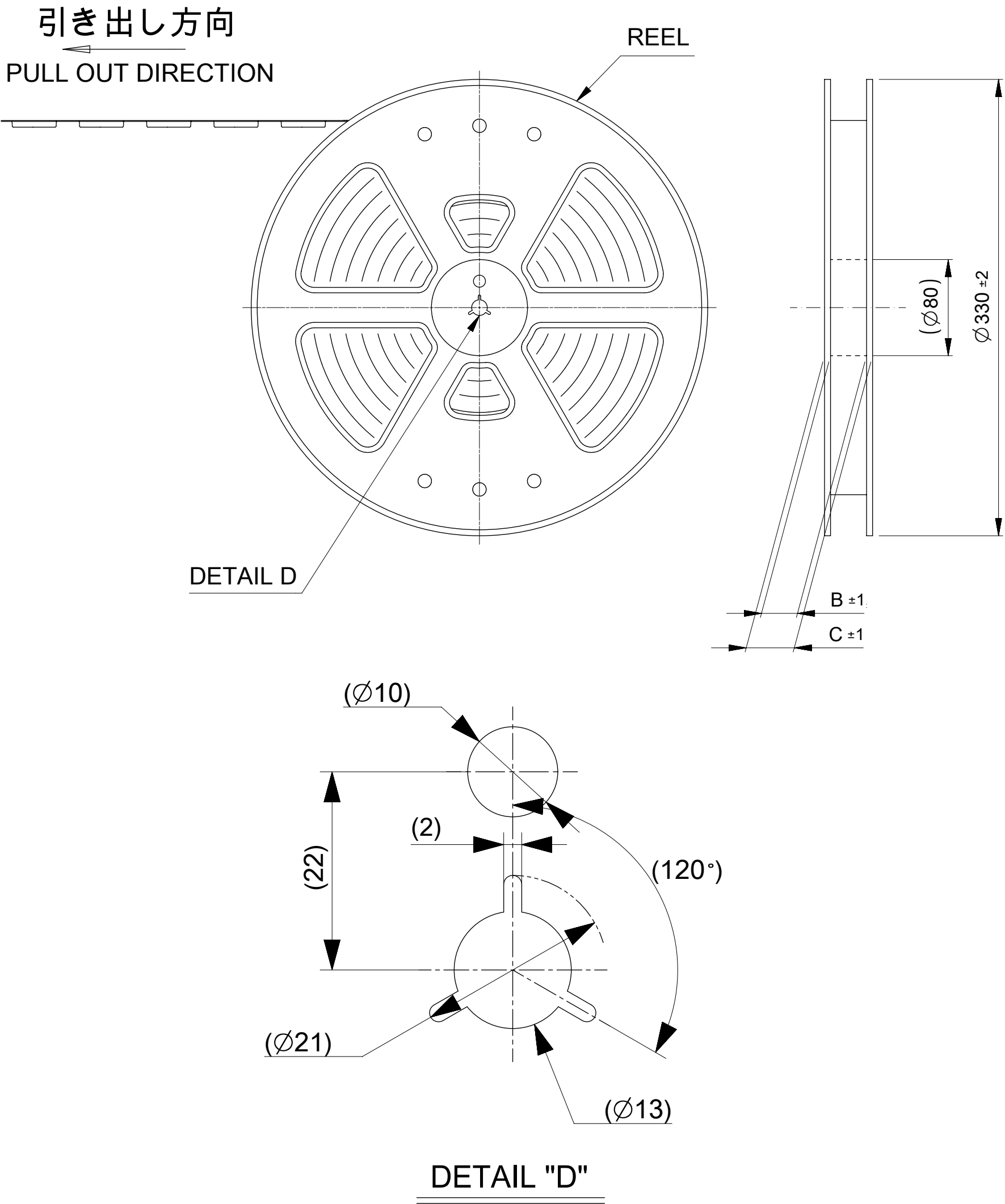
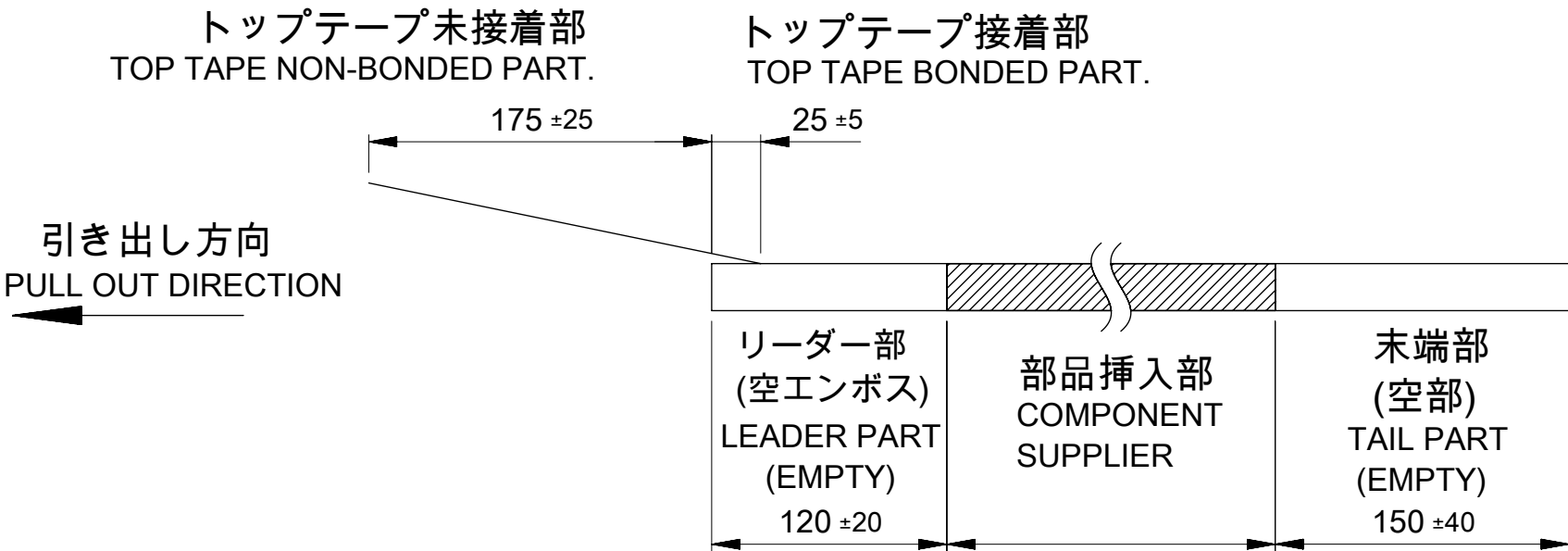




注記 NOTES

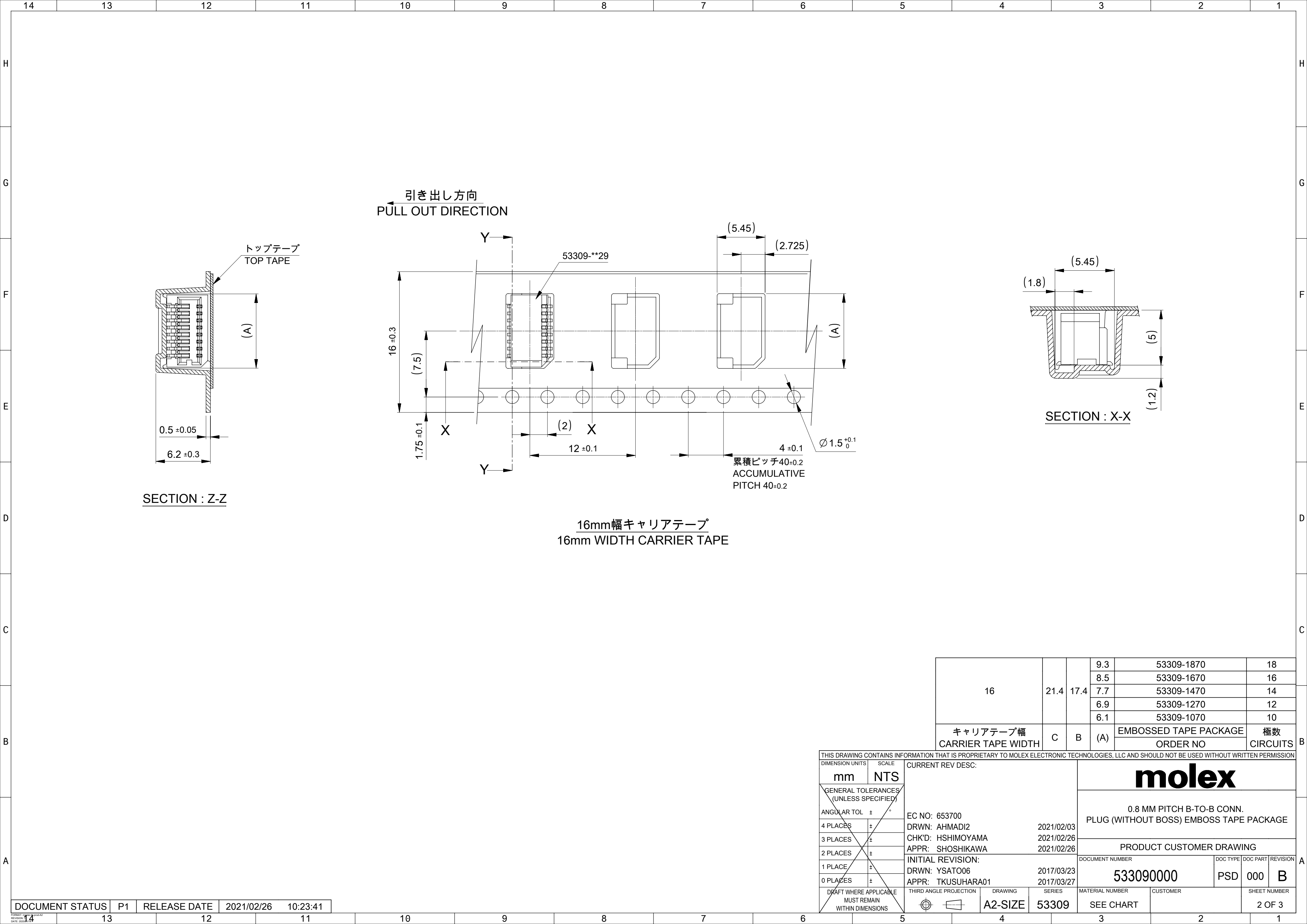
1. 梱包数量：1000個/リール NUMBER OF CONNECTORS：1000PCS/REEL
2. リードテープ長さ LEAD TAPE LENGTH



3. トップテープの剥離強度についてはIEC60286-3に準拠。  
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
4. 材料 キャリアテープ：ポリプロピレン (PP)  
トップテープ：PET, PE, PEF  
リール：ポリスチレン (PS) <リサイクル材を含む>
- MATERIAL  
CARRIER TAPE：POLYPROPYLENE  
TOP TAPE：PET, PE, PEF  
REEL：POLYSTYRENE (PS) <CONTAINED RECYCLE MATERIAL >
5. 本製品は53309-\*\*91の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53309-\*\*91.

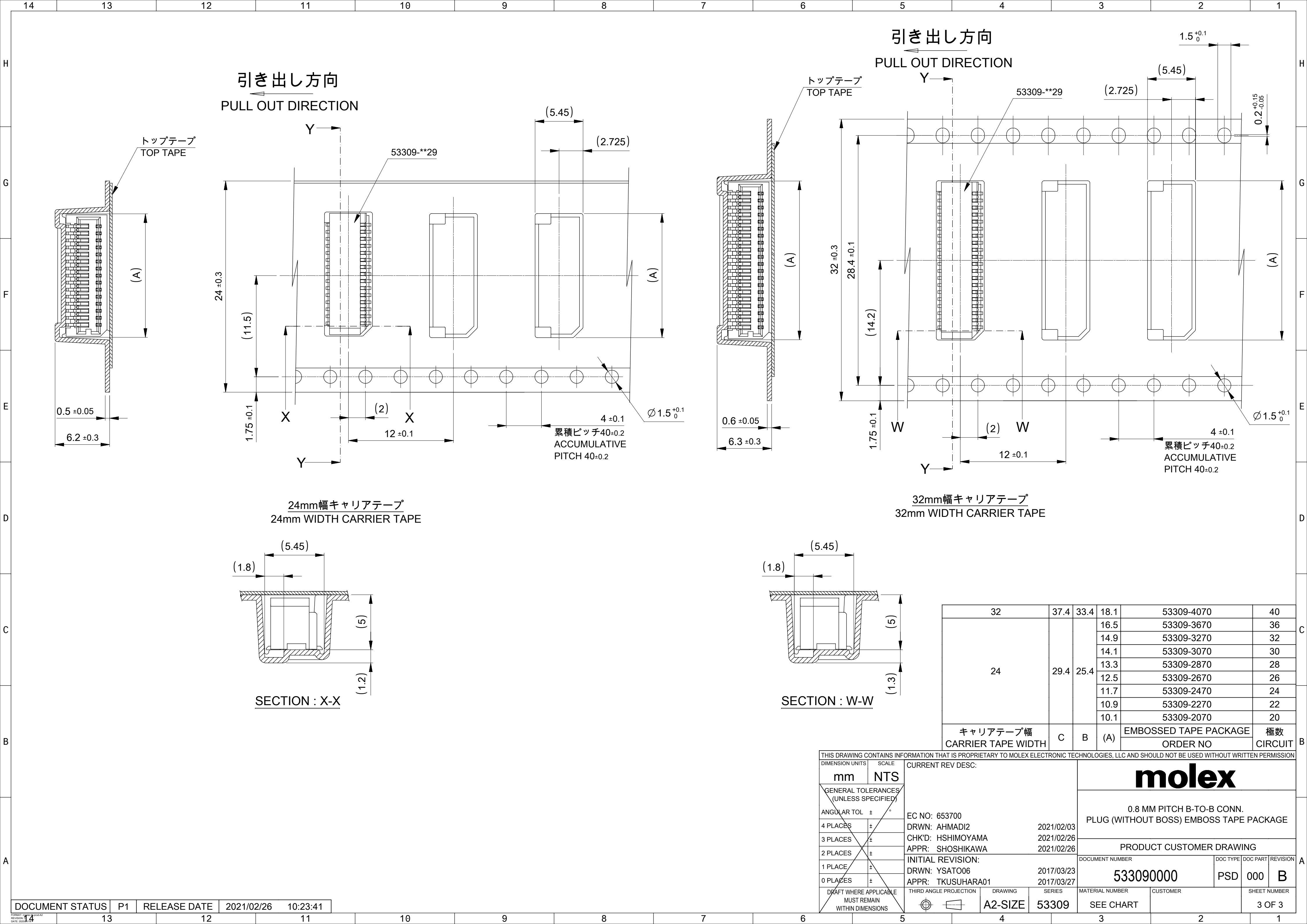
|                                                                                                                                               |  |       |  |                                                                                                                                                                                               |  |          |  |                  |  |                 |  |          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|------------------|--|-----------------|--|----------|--|
| 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:                                                                                                                                                                             |  |          |  | <div>molex</div> |  |                 |  |          |  |
| mm                                                                                                                                            |  | NTS   |  |                                                                                                                                                                                               |  |          |  |                  |  |                 |  |          |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | EC NO: 653700<br>DRWN: AHMADI2 2021/02/03<br>CHK'D: HSHIMOYAMA 2021/02/26<br>APPR: SHOSHIKAWA 2021/02/26<br><br>INITIAL REVISION:<br>DRWN: YSATO06 2017/03/23<br>APPR: TKUSUHARA01 2017/03/27 |  |          |  |                  |  |                 |  |          |  |
| ANGULAR TOL ± °                                                                                                                               |  |       |  |                                                                                                                                                                                               |  |          |  |                  |  |                 |  |          |  |
| 4 PLACES ±                                                                                                                                    |  |       |  |                                                                                                                                                                                               |  |          |  |                  |  |                 |  |          |  |
| 3 PLACES ±                                                                                                                                    |  |       |  |                                                                                                                                                                                               |  |          |  |                  |  |                 |  |          |  |
| 2 PLACES ±                                                                                                                                    |  |       |  |                                                                                                                                                                                               |  |          |  |                  |  |                 |  |          |  |
| 1 PLACE ±                                                                                                                                     |  |       |  | PRODUCT CUSTOMER DRAWING                                                                                                                                                                      |  |          |  |                  |  |                 |  |          |  |
| 0 PLACES ±                                                                                                                                    |  |       |  | DOCUMENT NUMBER                                                                                                                                                                               |  | DOC TYPE |  | DOC PART         |  | REVISION        |  |          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | 533090000                                                                                                                                                                                     |  | PSD      |  | 000              |  | B               |  |          |  |
|                                                                                                                                               |  |       |  | THIRD ANGLE PROJECTION                                                                                                                                                                        |  | DRAWING  |  | SERIES           |  | MATERIAL NUMBER |  | CUSTOMER |  |
|                                                                                                                                               |  |       |  | SHEET NUMBER                                                                                                                                                                                  |  | 1 OF 3   |  |                  |  |                 |  |          |  |
|                                                                                                                                               |  |       |  | A2-SIZE                                                                                                                                                                                       |  | 53309    |  | SEE CHART        |  |                 |  |          |  |

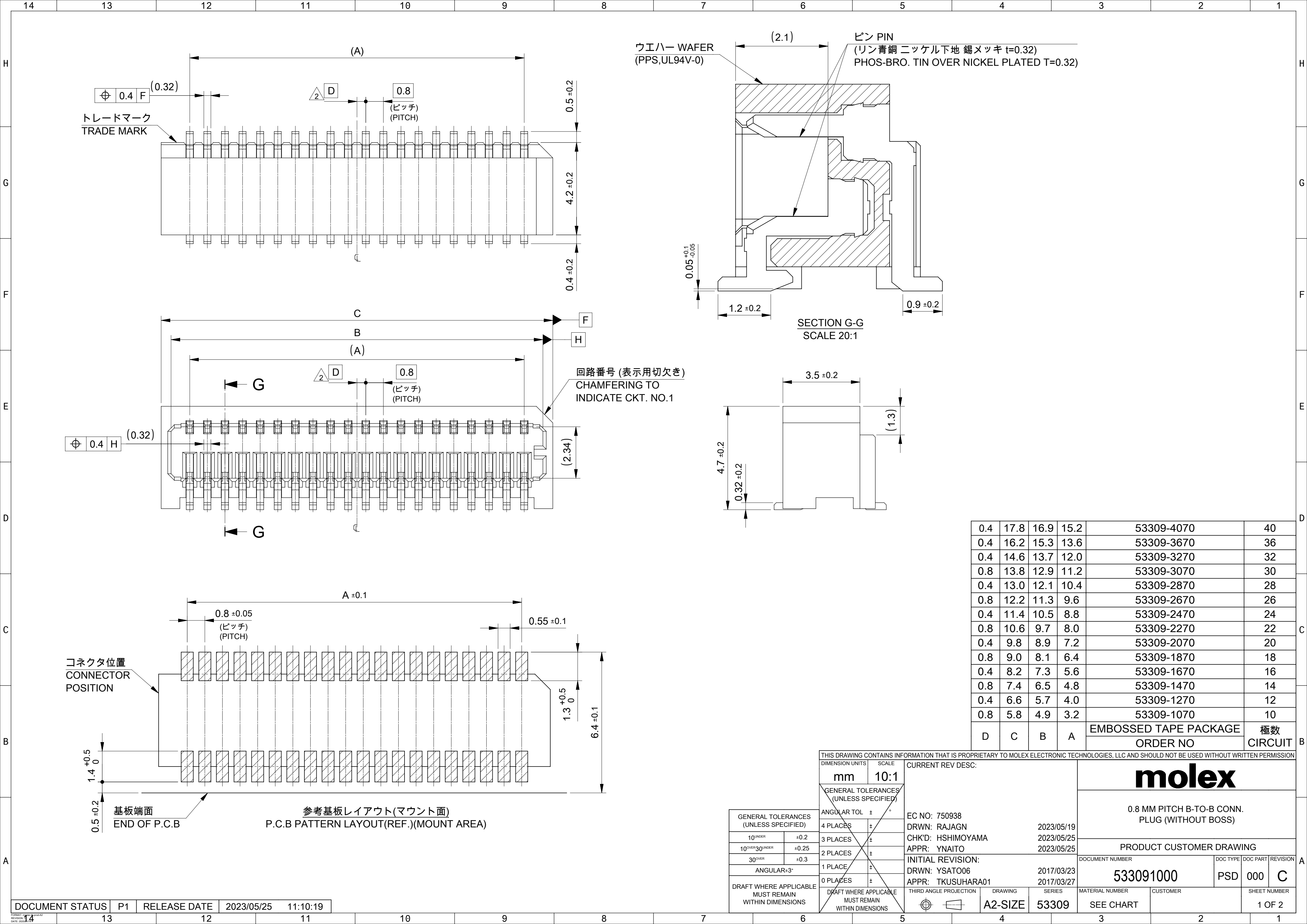
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/02/26 | 10:23:41 |
|-----------------|----|--------------|------------|----------|
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| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/02/26 | 10:23:41 |
|-----------------|----|--------------|------------|----------|

|                                                                                                                                                                                                                                                               |  |                                                                                       |                 |                   |        |                 |                                                                      |              |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|-----------------|-------------------|--------|-----------------|----------------------------------------------------------------------|--------------|--|
| 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: |        |                 | <div>molex</div>                                                     |              |  |
| mm                                                                                                                                                                                                                                                            |  | NTS                                                                                   |                 |                   |        |                 |                                                                      |              |  |
| <div>GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</div> <div>ANGULAR TOL</div> <div>±°</div> <div>4 PLACES</div> <div>±</div> <div>3 PLACES</div> <div>±</div> <div>2 PLACES</div> <div>±</div> <div>1 PLACE</div> <div>±</div> <div>0 PLACES</div> <div>±</div> |  |                                                                                       |                 | EC NO: 653700     |        |                 | 0.8 MM PITCH B-TO-B CONN.<br>PLUG (WITHOUT BOSS) EMBOSS TAPE PACKAGE |              |  |
|                                                                                                                                                                                                                                                               |  |                                                                                       |                 | DRWN: AHMADI2     |        |                 |                                                                      |              |  |
|                                                                                                                                                                                                                                                               |  |                                                                                       |                 | 2021/02/03        |        |                 |                                                                      |              |  |
|                                                                                                                                                                                                                                                               |  |                                                                                       |                 | CHK'D: HSHIMOYAMA |        |                 | 2021/02/26                                                           |              |  |
|                                                                                                                                                                                                                                                               |  |                                                                                       |                 | APPR: SHOSHIKAWA  |        |                 | 2021/02/26                                                           |              |  |
|                                                                                                                                                                                                                                                               |  |                                                                                       |                 | INITIAL REVISION: |        |                 | PRODUCT CUSTOMER DRAWING                                             |              |  |
| DRWN: YSATO06                                                                                                                                                                                                                                                 |  |                                                                                       | DOCUMENT NUMBER |                   |        | DOC TYPE        | DOC PART                                                             | REVISION     |  |
| 2017/03/23                                                                                                                                                                                                                                                    |  |                                                                                       | 533090000       |                   |        | PSD             | 000                                                                  | B            |  |
| APPR: TKUSUHARA01                                                                                                                                                                                                                                             |  |                                                                                       | 2017/03/27      |                   |        |                 |                                                                      |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                                                                    |  | THIRD ANGLE PROJECTION                                                                |                 | DRAWING           | SERIES | MATERIAL NUMBER |                                                                      | CUSTOMER     |  |
|                                                                                                                                                                          |  |  |                 | A2-SIZE           | 53309  | SEE CHART       |                                                                      | SHEET NUMBER |  |
|                                                                                                                                                                                                                                                               |  |                                                                                       |                 |                   |        |                 |                                                                      | 2 OF 3       |  |





|     |      |      |      |                                   |               |
|-----|------|------|------|-----------------------------------|---------------|
| 0.4 | 17.8 | 16.9 | 15.2 | 53309-4070                        | 40            |
| 0.4 | 16.2 | 15.3 | 13.6 | 53309-3670                        | 36            |
| 0.4 | 14.6 | 13.7 | 12.0 | 53309-3270                        | 32            |
| 0.8 | 13.8 | 12.9 | 11.2 | 53309-3070                        | 30            |
| 0.4 | 13.0 | 12.1 | 10.4 | 53309-2870                        | 28            |
| 0.8 | 12.2 | 11.3 | 9.6  | 53309-2670                        | 26            |
| 0.4 | 11.4 | 10.5 | 8.8  | 53309-2470                        | 24            |
| 0.8 | 10.6 | 9.7  | 8.0  | 53309-2270                        | 22            |
| 0.4 | 9.8  | 8.9  | 7.2  | 53309-2070                        | 20            |
| 0.8 | 9.0  | 8.1  | 6.4  | 53309-1870                        | 18            |
| 0.4 | 8.2  | 7.3  | 5.6  | 53309-1670                        | 16            |
| 0.8 | 7.4  | 6.5  | 4.8  | 53309-1470                        | 14            |
| 0.4 | 6.6  | 5.7  | 4.0  | 53309-1270                        | 12            |
| 0.8 | 5.8  | 4.9  | 3.2  | 53309-1070                        | 10            |
| D   | C    | B    | A    | EMBOSSED TAPE PACKAGE<br>ORDER NO | 極数<br>CIRCUIT |

|                                                                                                                                               |  |                                                      |  |                   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|-------------------|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE                                                |  | CURRENT REV DESC: |  |
| mm                                                                                                                                            |  | 10:1                                                 |  |                   |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  | ANGULAR TOL                                          |  | EC NO: 750938     |  |
| 4 PLACES                                                                                                                                      |  | ±                                                    |  | DRWN: RAJAGN      |  |
| 3 PLACES                                                                                                                                      |  | ±                                                    |  | CHK'D: HSHIMOYAMA |  |
| 2 PLACES                                                                                                                                      |  | ±                                                    |  | APPR: YNAITO      |  |
| 1 PLACE                                                                                                                                       |  | ±                                                    |  | INITIAL REVISION: |  |
| 0 PLACES                                                                                                                                      |  | ±                                                    |  | DRWN: YSATO06     |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | APPR: TKUSUHARA01 |  |
| THIRD ANGLE PROJECTION                                                                                                                        |  | DRAWING                                              |  | SERIES            |  |
|                                                                                                                                               |  | A2-SIZE                                              |  | 53309             |  |
| DOCUMENT NUMBER                                                                                                                               |  | MATERIAL NUMBER                                      |  | CUSTOMER          |  |
| 533091000                                                                                                                                     |  | SEE CHART                                            |  | SHEET NUMBER      |  |
| DOC TYPE                                                                                                                                      |  | DOC PART                                             |  | REVISION          |  |
| PSD                                                                                                                                           |  | 000                                                  |  | C                 |  |

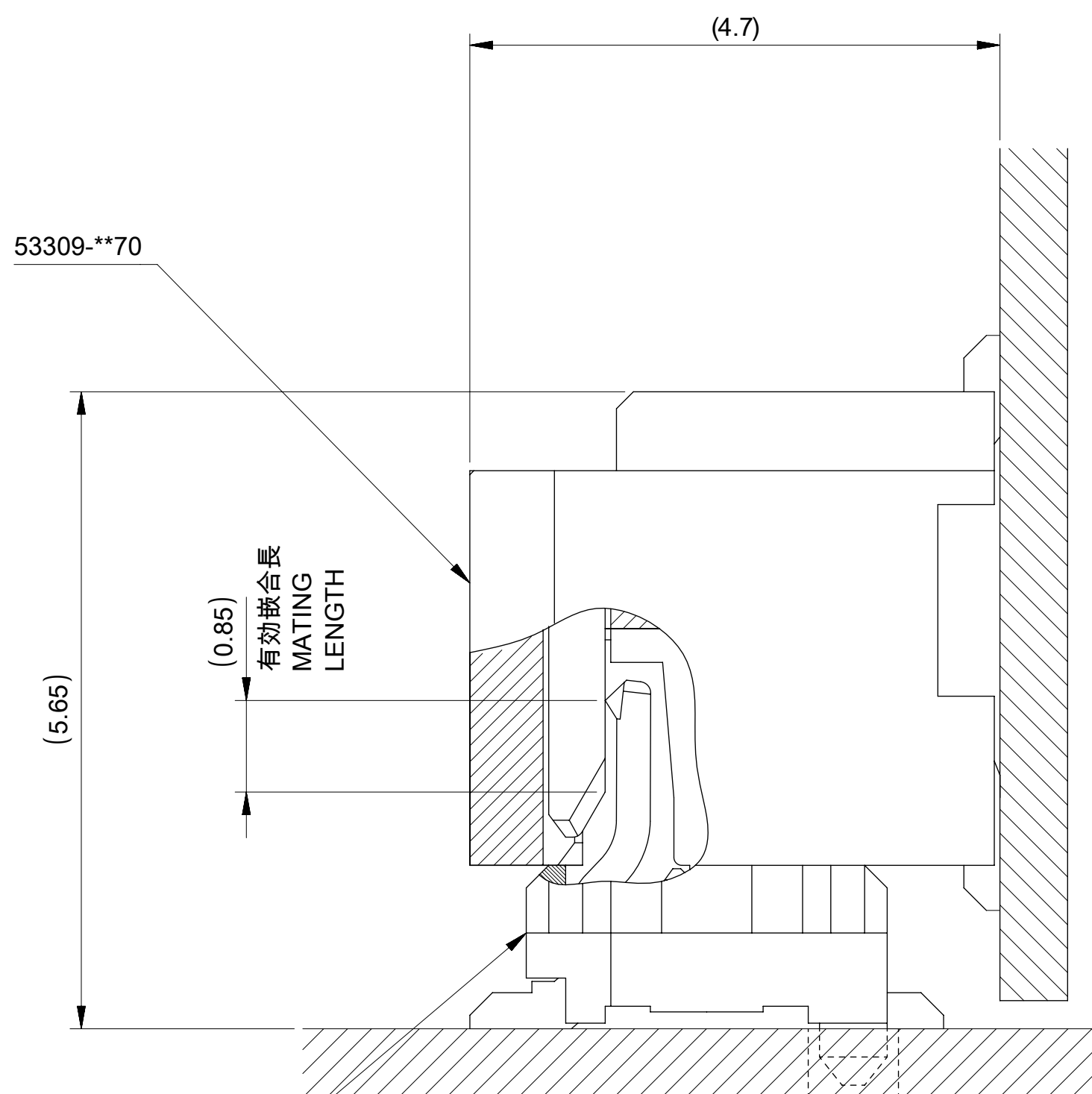
molex

0.8 MM PITCH B-TO-B CONN.  
PLUG (WITHOUT BOSS)

PRODUCT CUSTOMER DRAWING

533091000

1 OF 2



NOTES :

1. 嵌合相手：52465シリーズ  
MATE WITH：52465 SERIES.
2. ウェハーの □ から隣接するピンの □ 迄の位置を示す。  
SHOW POSSITION FROM □ OF WAFER TO □ OF ADJACENT PINS.
3. 本製品は53309-\*\*27 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53309-\*\*27.
4. 使用材料MATERIAL  
ハウジングHOUSING：PPS GLASS FILLED, UL94V-0 (WHITE)  
ターミナルTERMINAL：燐青銅 PHOSPHOR BRONZE t=0.32
5. めっき仕様 PLATING  
ターミナルTERMINAL：錫めっき/ニッケル下地 TIN OVER NICKEL PLATED
6. テール平坦度は0.1mm MAX  
TAIL COPLANALITY TO BE 0.1mm MAXIMUM.

嵌合相手 MATE WITH  
 52465-\*\*70 (BOSSあり WITH BOSS)  
 52465-\*\*71 (BOSS無し WITHOUT BOSS)

嵌合状態図(参考)  
MATED DRAWING (REF.)

|                                                                                                                                               |  |       |  |                                                            |  |                            |  |                                                                                       |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|------------------------------------------------------------|--|----------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------|--|----------|--|-----------|--|----------|--|--------|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                          |  |                            |  |                                                                                       |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
| mm                                                                                                                                            |  | 20:1  |  |                                                            |  |                            |  |                                                                                       |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
| <div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div>                                                                                              |  |       |  | <div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div>           |  | <div>ANGULAR TOL ± °</div> |  | 0.8 MM PITCH B-TO-B CONN.<br>PLUG (WITHOUT BOSS)                                      |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
|                                                                                                                                               |  |       |  |                                                            |  |                            |  |                                                                                       |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
|                                                                                                                                               |  |       |  |                                                            |  |                            |  |                                                                                       |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
|                                                                                                                                               |  |       |  |                                                            |  |                            |  | 10 <sup>UNDER</sup>                                                                   |  | ±0.2                                                                                  |  | 3 PLACES                 |  | ±        |  |           |  |          |  |        |  |
|                                                                                                                                               |  |       |  |                                                            |  |                            |  | 10 <sup>OVER</sup> 30 <sup>UNDER</sup>                                                |  | ±0.25                                                                                 |  | 2 PLACES                 |  | ±        |  |           |  |          |  |        |  |
| 30 <sup>OVER</sup>                                                                                                                            |  | ±0.3  |  | 1 PLACE                                                    |  | ±                          |  |                                                                                       |  |                                                                                       |  |                          |  |          |  |           |  |          |  |        |  |
| ANGULAR±3°                                                                                                                                    |  |       |  |                                                            |  | 0 PLACES                   |  | ±                                                                                     |  | INITIAL REVISION:                                                                     |  | DOCUMENT NUMBER          |  | DOC TYPE |  | DOC PART  |  | REVISION |  |        |  |
| DRWN: YSATO06                                                                                                                                 |  |       |  | 2017/03/23                                                 |  | DRWN: RAJAGN               |  |                                                                                       |  | 2023/05/19                                                                            |  | 533091000                |  |          |  | PSD       |  | 000      |  | C      |  |
| APPR: TKUSUHARA01                                                                                                                             |  |       |  | 2017/03/27                                                 |  | CHK'D: HSHIMOYAMA          |  |                                                                                       |  | 2023/05/25                                                                            |  | PRODUCT CUSTOMER DRAWING |  |          |  |           |  |          |  |        |  |
| APPR: YNAITO                                                                                                                                  |  |       |  | 2023/05/25                                                 |  | THIRD ANGLE PROJECTION     |  |                                                                                       |  | DRAWING                                                                               |  |                          |  |          |  |           |  |          |  | SERIES |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |                            |  |  |  |  |  | A2-SIZE                  |  | 53309    |  | SEE CHART |  | 2 OF 2   |  |        |  |