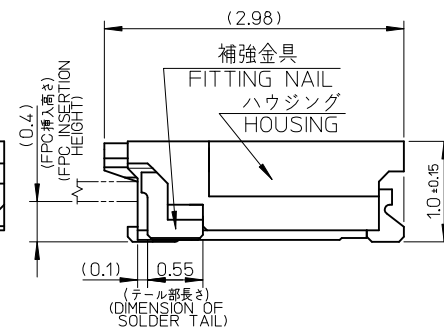
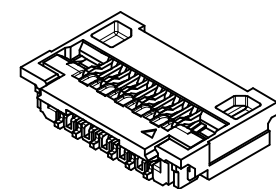
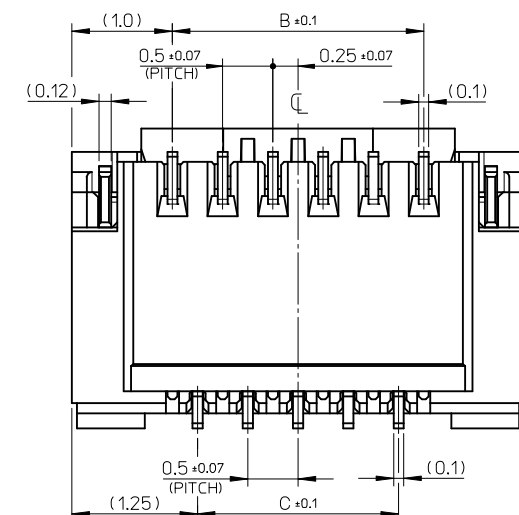
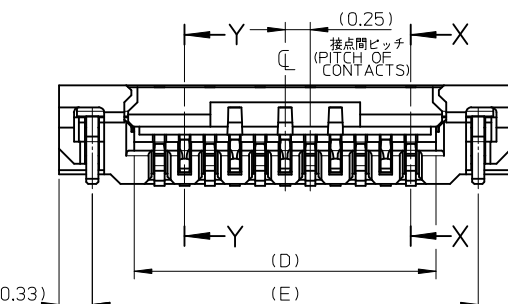
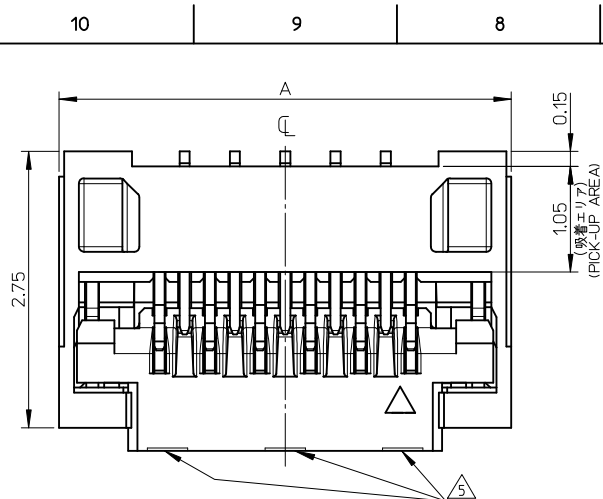
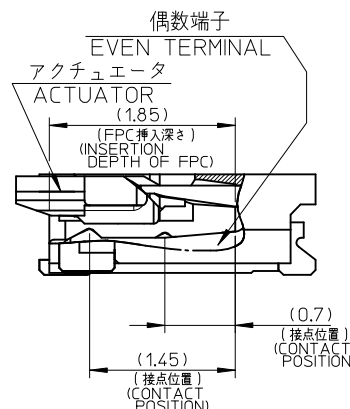
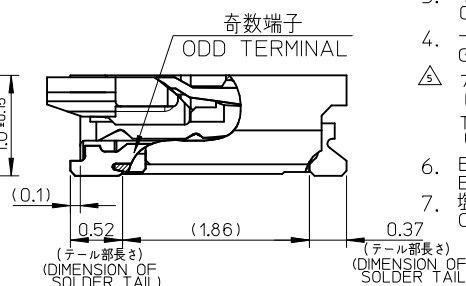


アクチュエータ開放位置  
ACTUATOR OPENING POSITION



SECTION Y-Y



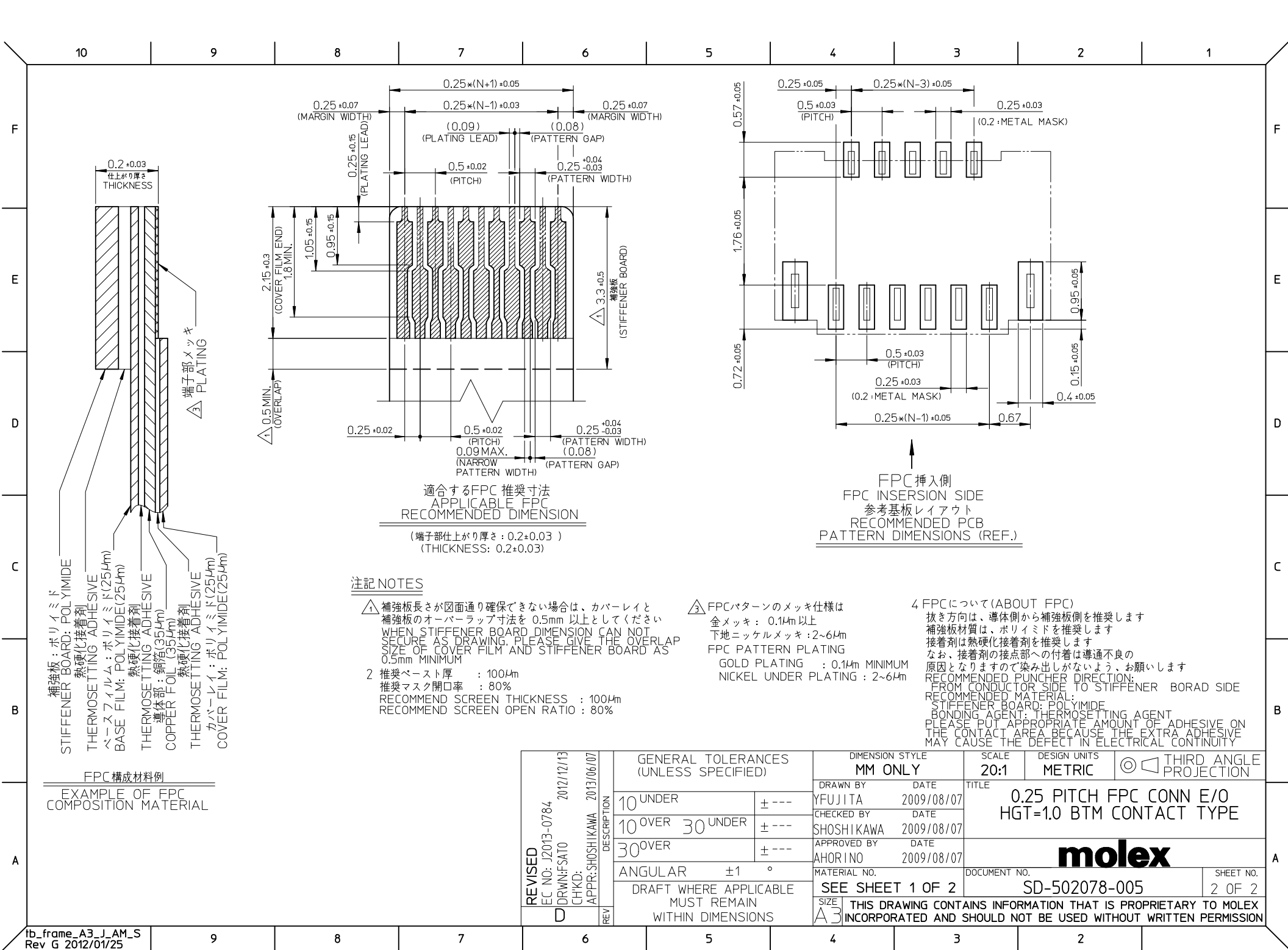
SECTION X-X

注記 NOTES

- 使用材料 MATERIALS  
ハウジング : 液晶ポリマー (UL94V-0、ベージュ)  
アクチュエータ : ポリアミド (UL94HB、黒色)  
端子 : リン青銅  
補強金具 : リン青銅  
HOUSING : LCP (BEIGE)  
ACTUATOR : PA (BLACK)  
TERMINAL : PHOSPHOR BRONZE  
FITTING NAIL : PHOSPHOR BRONZE
- メッキ仕様 PLATING  
端子 TERMINAL  
接点部 : 金メッキ 0.1 μm 以上  
テール部 : 金メッキ  
下地 : ニッケルメッキ 1.0 μm 以上  
CONTACT AREA : Gold PLATING 0.1 μm MINIMUM  
TAIL AREA : Gold PLATING  
UNDER PLATING : Nickel PLATING 1.0 μm MINIMUM  
金具 FITTING NAIL  
表面 : スズメッキ 1.0 μm 以上  
下地 : ニッケルメッキ 1.0 μm 以上  
ALL OVER : Tin PLATING 1.0 μm MINIMUM  
UNDER PLATING : Nickel PLATING 1.0 μm MINIMUM
- 端子、補強金具のコプラナリティーは 0.1 以下とする  
COPLANARITY OF SOLDER TAILS AND FITTING NAILS : 0.1 MAX.
- 一般公差 : ± 0.3  
GENERAL TOLERANCES : ± 0.3
- △ アクチュエータの図示箇所にゲート逃げの凹みがつきます  
(極数により、レイアウトが異なります)  
THERE ARE DENT SHAPES AT ACTUATOR FOR MOLDING GATE  
(LAYOUT DIFFER ACCORDING TO CIRCUIT NUMBER)
- ELV & RoHS 適合品  
ELV & RoHS COMPLIANT
- 塩素系・臭素系難燃剤非使用  
CHLORINATED AND BROMINATED FLAME RETARDANTS FREE

|                      |      |      |     |      |             |              |            |
|----------------------|------|------|-----|------|-------------|--------------|------------|
| 16.34                | 15.5 | 14.5 | 15  | 17   | 502078-6160 | 502078-6168  | 61         |
| 14.34                | 13.5 | 12.5 | 13  | 15   | 502078-5360 | 502078-5368  | 53         |
| 10.84                | 10   | 9    | 9.5 | 11.5 | 502078-3960 | 502078-3968  | 39         |
| 10.34                | 9.5  | 8.5  | 9   | 11   | 502078-3760 | 502078-3768  | 37         |
| 4.34                 | 3.5  | 2.5  | 3   | 5    | 502078-1360 | 502078-1368  | 13         |
| E                    | D    | C    | B   | A    | ORDER NO.   | MATERIAL NO. | CIRCUIT =N |
| CONNECTOR SERIES NO. |      |      |     |      |             | 502078-**68  |            |

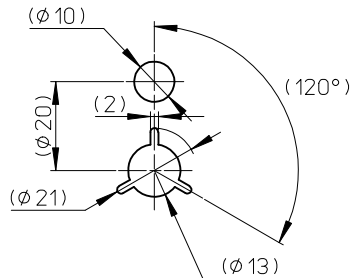
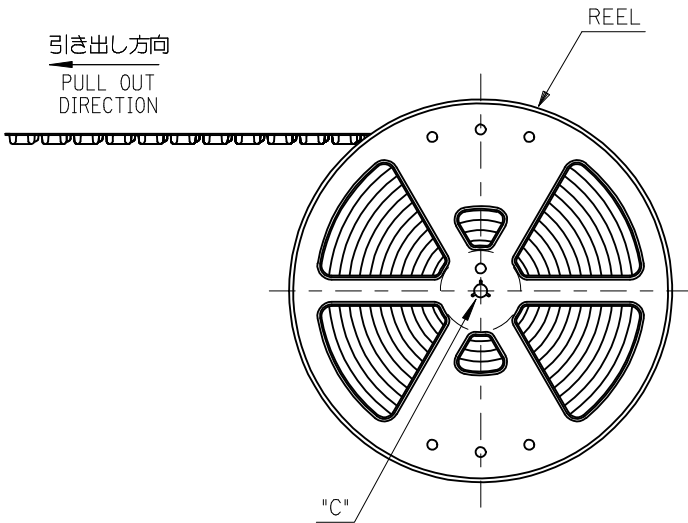
|                                                                                                     |             |                                                                                                                                  |       |                            |                    |                                                              |                        |                           |  |           |
|-----------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|--------------------|--------------------------------------------------------------|------------------------|---------------------------|--|-----------|
| REVISED<br>EC NO: J2013-0784<br>DRAWN:FSATO<br>CHKD:<br>APPR:SHOSHIKAWA<br>2012/12/13<br>2013/06/07 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                         |       | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>20:1                                                | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |           |
|                                                                                                     |             | 10 UNDER                                                                                                                         | ± --- | DRAWN BY<br>YFUJITA        | DATE<br>2009/08/07 | TITLE<br>0.25 PITCH FPC CONN E/O<br>HGT=1.0 BTM CONTACT TYPE |                        |                           |  |           |
|                                                                                                     |             | 10 OVER 30 UNDER                                                                                                                 | ± --- | CHECKED BY<br>SHOSHIKAWA   | DATE<br>2009/08/07 |                                                              |                        |                           |  |           |
|                                                                                                     |             | 30 OVER                                                                                                                          | ± --- | APPROVED BY<br>AHORINO     | DATE<br>2009/08/07 |                                                              |                        |                           |  |           |
|                                                                                                     |             | ANGULAR ±1 °                                                                                                                     |       | MATERIAL NO.               |                    | DOCUMENT NO.                                                 |                        |                           |  | SHEET NO. |
|                                                                                                     |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |       | SEE CHART                  |                    | SD-502078-005                                                |                        |                           |  | 1 OF 2    |
|                                                                                                     | REV         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                            |                    |                                                              |                        |                           |  |           |



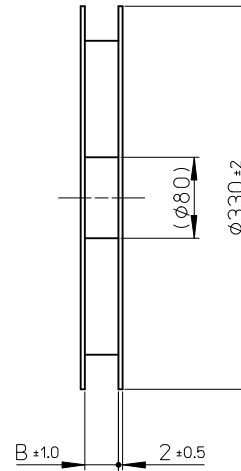
# 注記 NOTES

- 製品詳細寸法については図面 SD-502078-005 を参照下さい。  
RE DETAILED DIMENSION, SEE SD-502078-005
- 梱包数量 : 3000 個/リール  
NUMBER OF CONNECTORS : 3000 PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

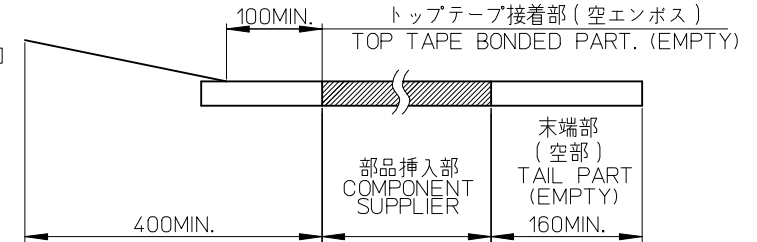
引き出し方向  
PULL OUT  
DIRECTION



DETAIL "C"

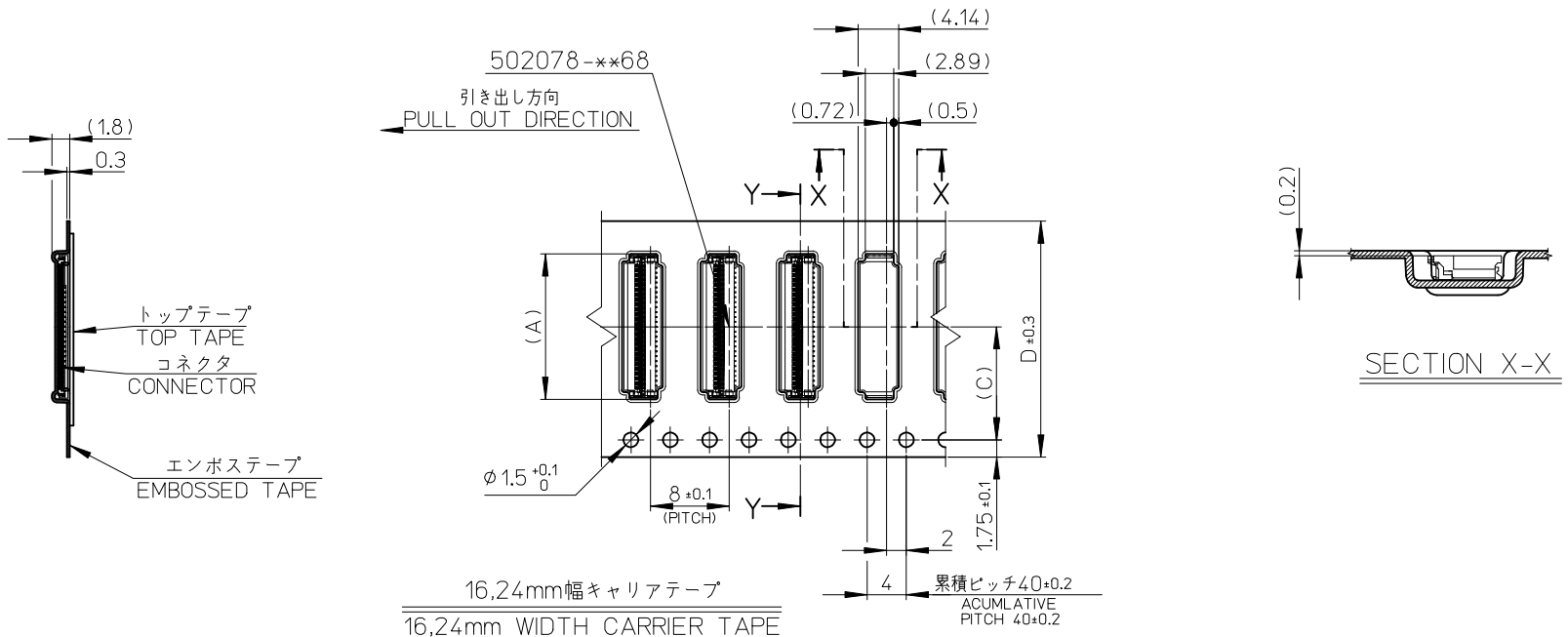


引き出し方向  
PULL OUT  
DIRECTION



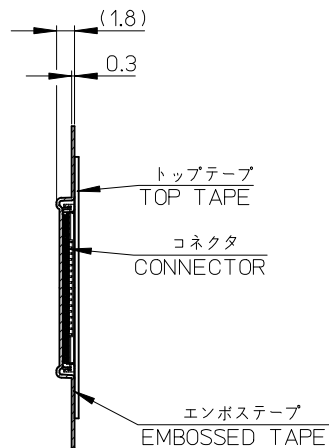
- 材料 MATERIAL  
キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)  
トップテープ (TOP TAPE) : PET , PE , PEF  
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>  
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- カバーテープの剥離強度については、IEC60286-3 に準拠  
COVER TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.

|                                                                                 |                                         |                                                            |       |                            |                                                                                                                                  |                                                                             |                        |                           |        |  |              |
|---------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------|---------------------------|--------|--|--------------|
| REVISED<br>EC NO: J2013-0784<br>DRWN:FSATO<br>CHKD:<br>APPR:SHOSHIKAWA<br>REV C | DESCRIPTION<br>2012/12/13<br>2013/06/07 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>1:1                                                                | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |        |  |              |
|                                                                                 |                                         | 10 UNDER                                                   | ± --- | DRAWN BY<br>YFUJITA        | DATE<br>2009/08/07                                                                                                               | TITLE<br>0.25MM PITCH FPC CONN<br>HGT=1.0 HSG ASSY<br>EMBOSSED TAPE PACKAGE |                        |                           |        |  |              |
|                                                                                 |                                         | 10 OVER 30 UNDER                                           | ± --- | CHECKED BY<br>SHOSHIKAWA   | DATE<br>2009/08/07                                                                                                               |                                                                             |                        |                           |        |  |              |
|                                                                                 |                                         | 30 OVER                                                    | ± --- | APPROVED BY<br>AHORINO     | DATE<br>2009/08/07                                                                                                               | molex                                                                       |                        |                           |        |  |              |
|                                                                                 |                                         | ANGULAR ±1 °                                               |       | MATERIAL NO.               |                                                                                                                                  |                                                                             |                        |                           |        |  | DOCUMENT NO. |
|                                                                                 |                                         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE CHART                  |                                                                                                                                  | SD-502078-006                                                               |                        |                           | 1 OF 3 |  |              |
|                                                                                 |                                         |                                                            |       | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                             |                        |                           |        |  |              |
|                                                                                 |                                         |                                                            |       |                            |                                                                                                                                  |                                                                             |                        |                           |        |  |              |
|                                                                                 |                                         |                                                            |       |                            |                                                                                                                                  |                                                                             |                        |                           |        |  |              |
|                                                                                 |                                         |                                                            |       |                            |                                                                                                                                  |                                                                             |                        |                           |        |  |              |

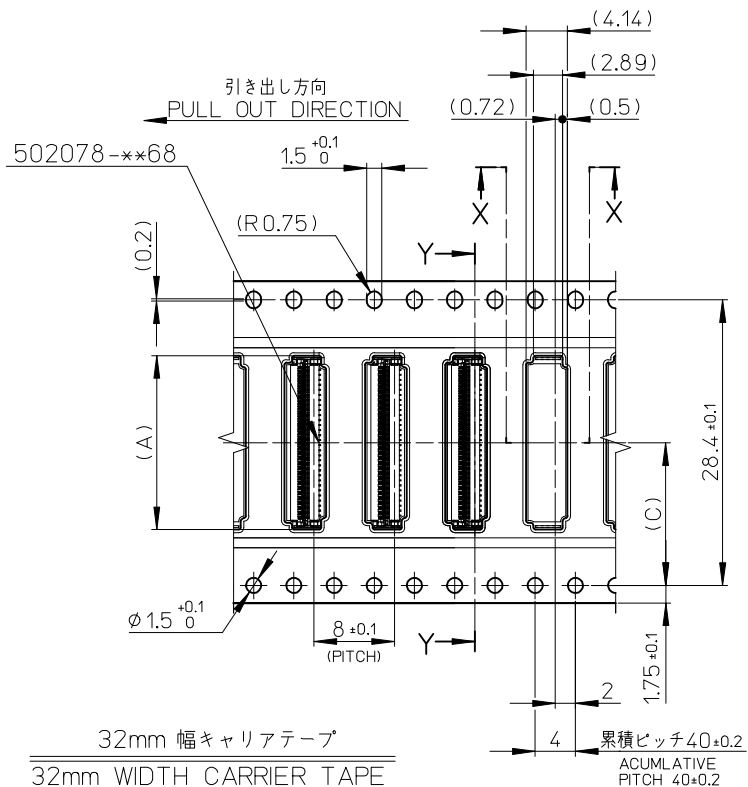


|                                     |      |      |      |                     |                |
|-------------------------------------|------|------|------|---------------------|----------------|
| 24                                  | 11.5 | 25.4 | 15.3 | 502078-5360         | 53             |
|                                     |      |      | 11.8 | 502078-3960         | 39             |
|                                     |      |      | 11.3 | 502078-3760         | 37             |
| 16                                  | 7.5  | 17.4 | 5.3  | 502078-1360         | 13             |
| D<br>キャリアテープ幅<br>CARRIER TAPE WIDTH | C    | B    | (A)  | オーダー番号<br>ORDER NO. | 極数<br>CIRCUITS |
| CONNECTOR SERIES NO. 502078-**-68   |      |      |      |                     |                |

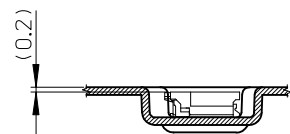
|                                                                                                    |                                                            |                                          |           |                            |                    |                                                                                                                                  |                        |                           |  |  |  |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-----------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--|--|--|
| REVISED<br>EC NO: J2013-0784<br>DRWN:FSATO<br>CHKD:<br>APPR:SHOSHIKAWA<br>2012/12/13<br>2013/06/07 | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |           | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>1:1                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |  |
|                                                                                                    |                                                            | 10 UNDER                                 | ± ---     | DRAWN BY<br>YFUJITA        | DATE<br>2009/08/07 | TITLE<br>0.25MM PITCH FPC CONN<br>HGT=1.0 HSG ASSY<br>EMBOSSED TAPE PACKAGE<br><b>molex</b>                                      |                        |                           |  |  |  |
|                                                                                                    |                                                            | 10 OVER 30 UNDER                         | ± ---     | CHECKED BY<br>SHOSHIKAWA   | DATE<br>2009/08/07 |                                                                                                                                  |                        |                           |  |  |  |
|                                                                                                    |                                                            | 30 OVER                                  | ± ---     | APPROVED BY<br>AHORINO     | DATE<br>2009/08/07 |                                                                                                                                  |                        |                           |  |  |  |
|                                                                                                    |                                                            | ANGULAR ±1 °                             |           | MATERIAL NO.               |                    | DOCUMENT NO.                                                                                                                     |                        | SHEET NO.                 |  |  |  |
|                                                                                                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART |                            | SD-502078-006      |                                                                                                                                  | 2 OF 3                 |                           |  |  |  |
| REV                                                                                                |                                                            |                                          |           | SIZE<br>A3                 |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |  |  |  |



SECTION Y-Y



32mm 幅キャリアテープ  
32mm WIDTH CARRIER TAPE



SECTION X-X

|                      |      |                        |                     |                           |
|----------------------|------|------------------------|---------------------|---------------------------|
| 14.2                 | 33.4 | 17.3                   | 502078-6160         | 61                        |
| C                    | B    | (A)                    | オーダー番号<br>ORDER NO. | 極数<br>CIRCUITS            |
| CONNECTOR SERIES NO. |      |                        | 502078-***68        |                           |
| SCALE<br>1:1         |      | DESIGN UNITS<br>METRIC |                     | THIRD ANGLE<br>PROJECTION |

|                                                                                                    |                                                            |                                          |           |                            |                    |                                                                                                                                  |                        |                           |  |  |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-----------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2013-0784<br>DRWN:FSATO<br>CHKD:<br>APPR:SHOSHIKAWA<br>2012/12/13<br>2013/06/07 | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |           | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>1:1                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                    |                                                            | 10 UNDER                                 | ± ---     | DRAWN BY<br>YFUJITA        | DATE<br>2009/08/07 | TITLE<br>0.25MM PITCH FPC CONN<br>HGT=1.0 HSG ASSY<br>EMBOSSED TAPE PACKAGE<br><b>molex</b>                                      |                        |                           |  |  |
|                                                                                                    |                                                            | 10 OVER 30 UNDER                         | ± ---     | CHECKED BY<br>SHOSHIKAWA   | DATE<br>2009/08/07 |                                                                                                                                  |                        |                           |  |  |
|                                                                                                    |                                                            | 30 OVER                                  | ± ---     | APPROVED BY<br>AHORINO     | DATE<br>2009/08/07 |                                                                                                                                  |                        |                           |  |  |
|                                                                                                    |                                                            | ANGULAR ±1 °                             |           | MATERIAL NO.               |                    | DOCUMENT NO.                                                                                                                     |                        | SHEET NO.                 |  |  |
|                                                                                                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART |                            | SD-502078-006      |                                                                                                                                  | 3 OF 3                 |                           |  |  |
|                                                                                                    | REV                                                        |                                          |           | SIZE<br>A3                 |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |  |  |