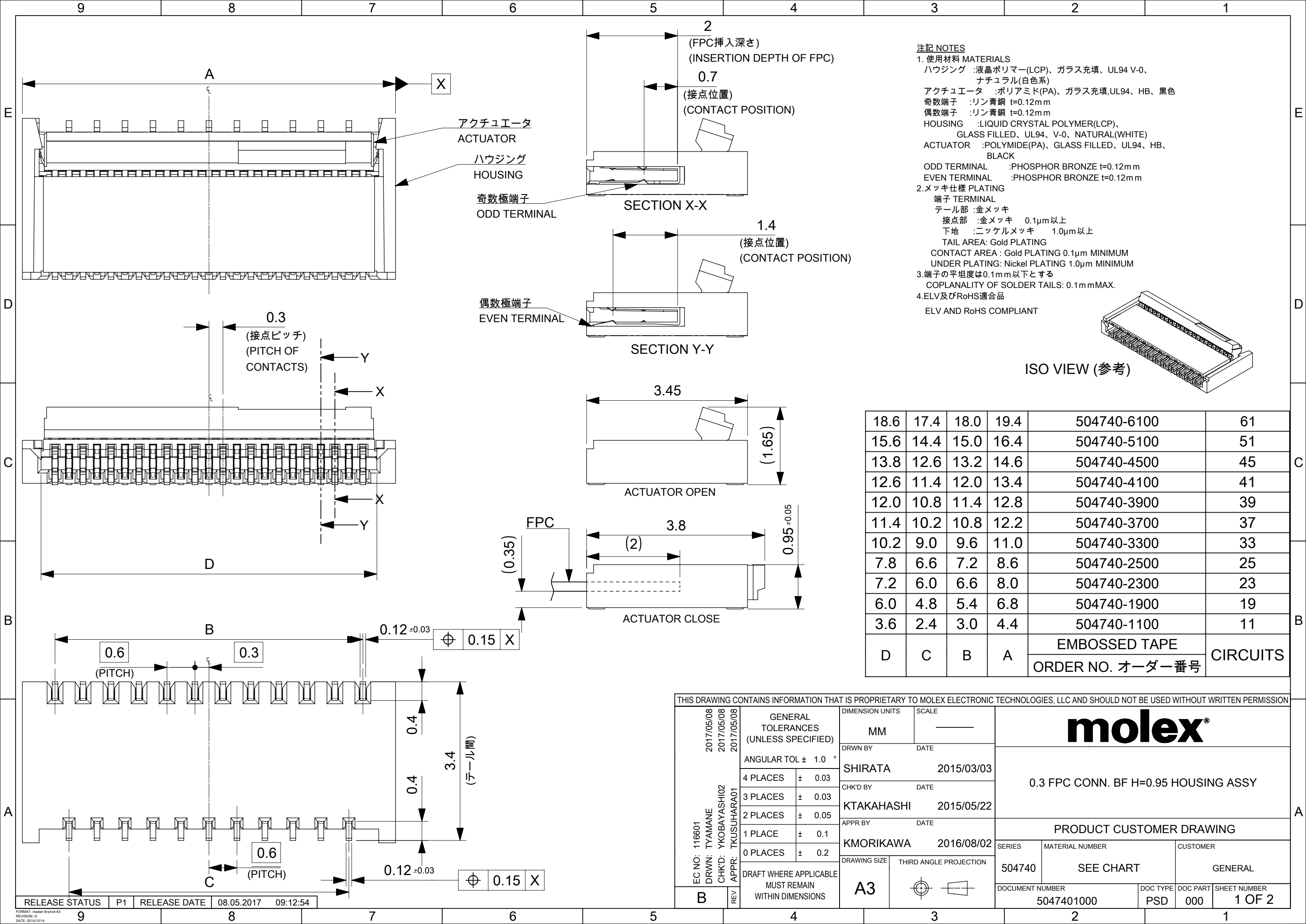
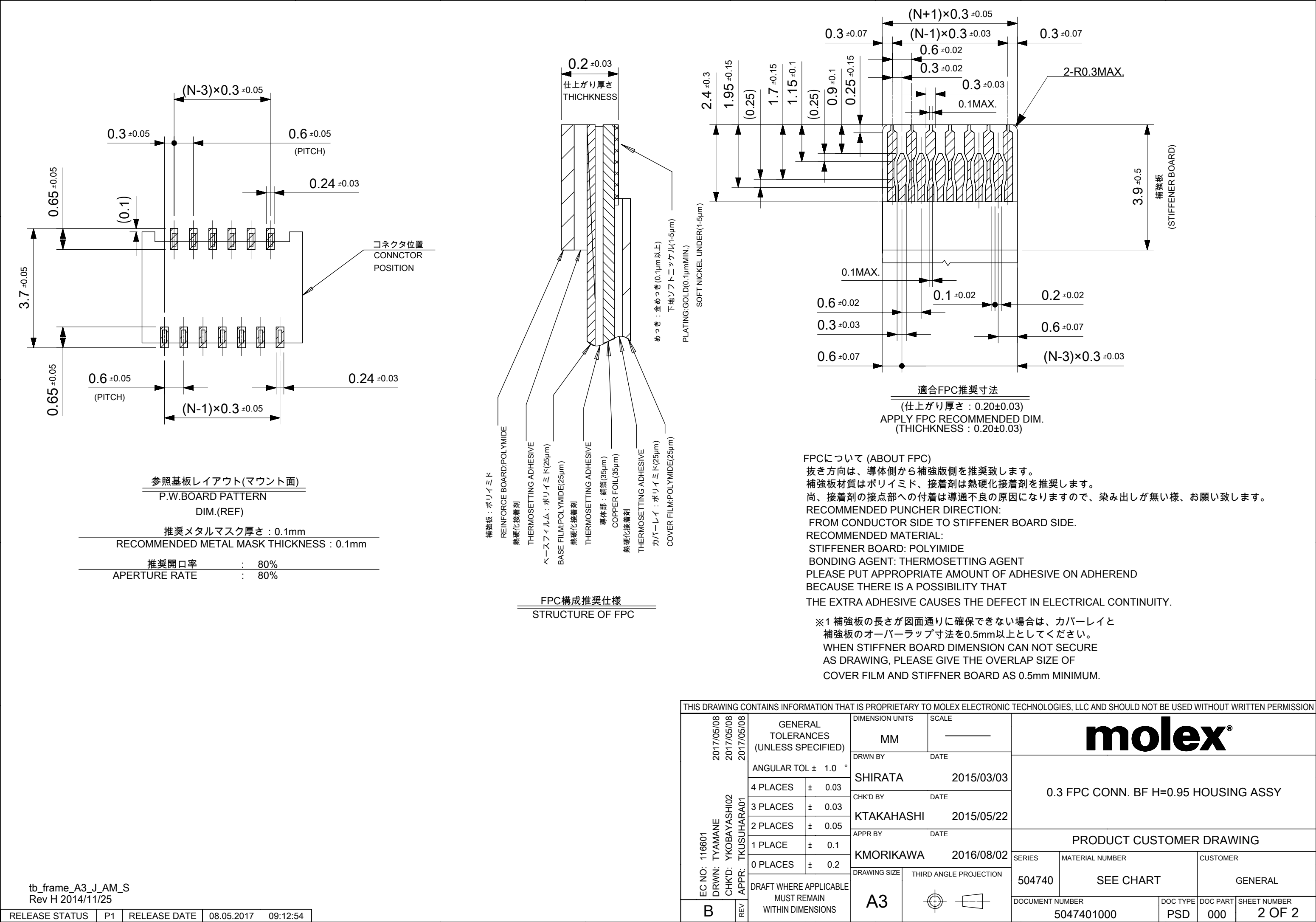
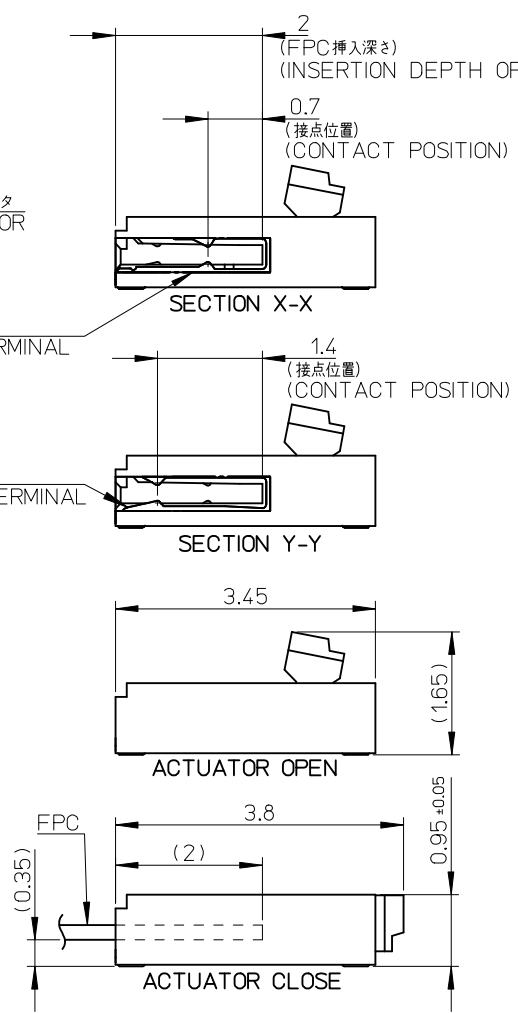
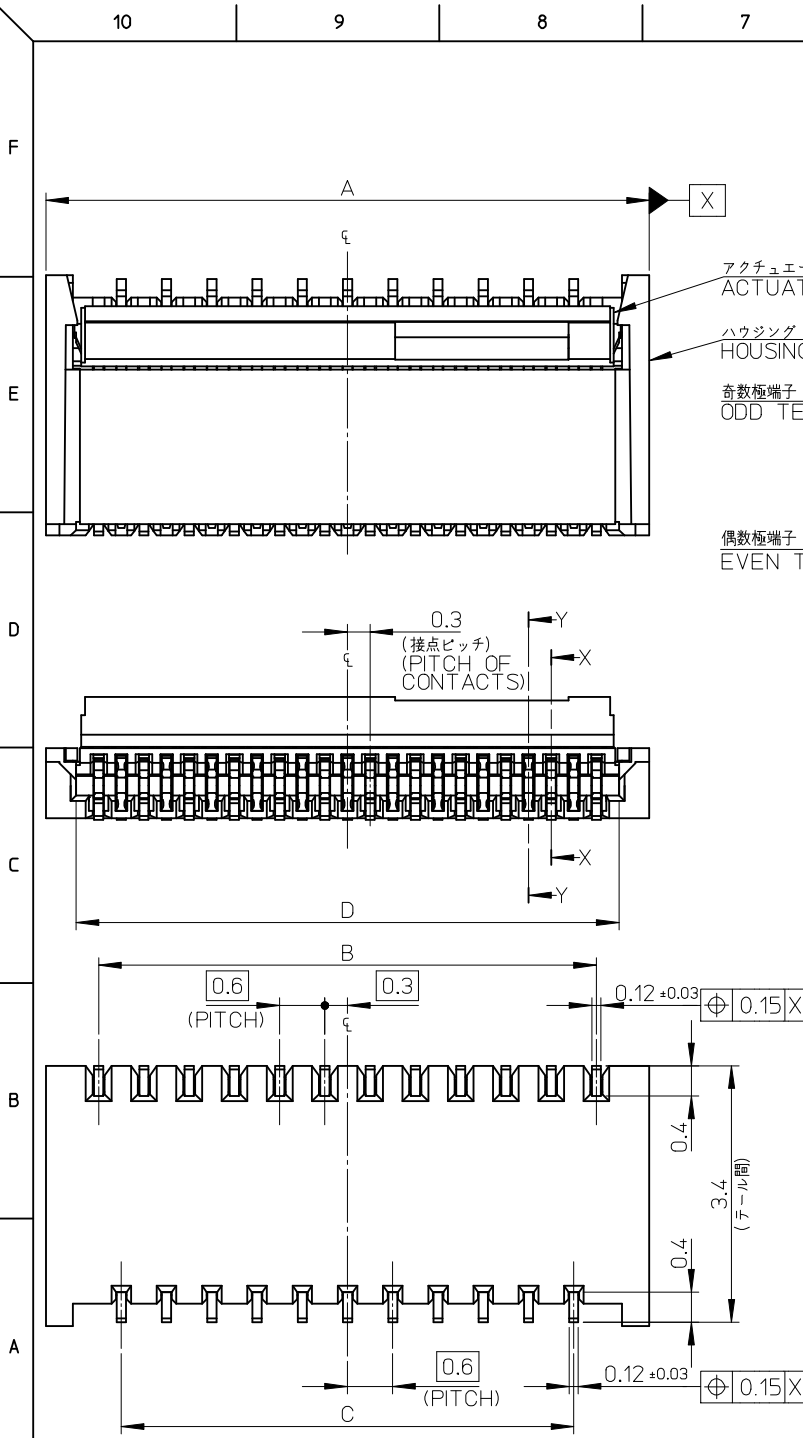


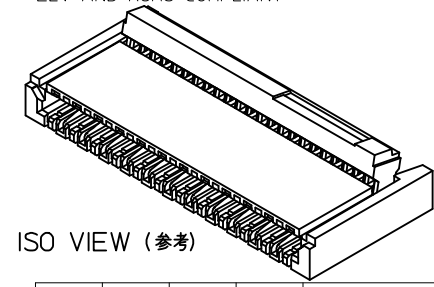






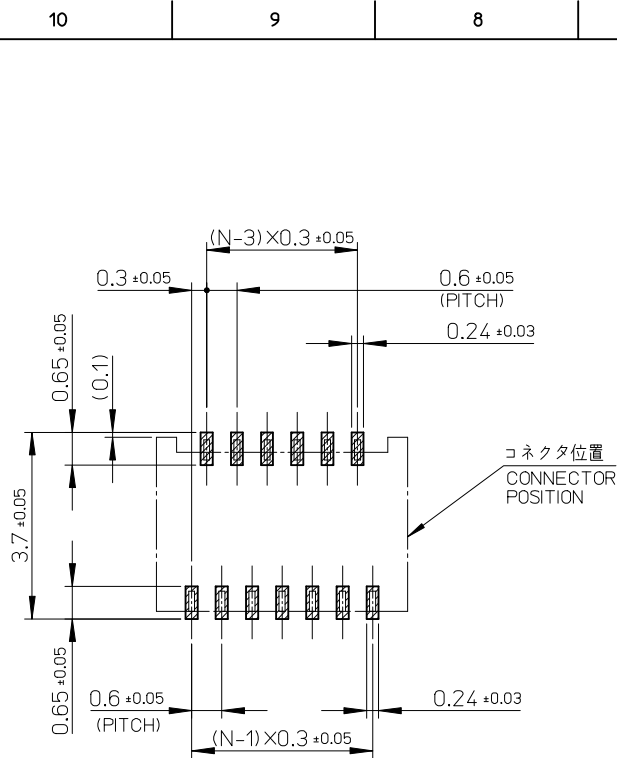
注記 NOTES

- 使用材料 MATERIALS  
ハウジング : 液晶ポリマー (LCP)、ガラス充填、UL94 V-0、ナチュラル (白色系)  
アクチュエータ: ポリアミド (PA)、ガラス充填、UL94 HB、黒色  
奇数端子 : リン青銅 t=0.12mm  
偶数端子 : リン青銅 t=0.12mm  
HOUSING : LIQUID CRYSTAL POLYMER (LCP)、GLASS FILLED、UL94 V-0、NATURAL (WHITE)  
ACTUATOR : POLYAMIDE (PA)、GLASS FILLED、UL94 HB、BLACK  
ODD TERMINAL : PHOSPHOR BRONZE t=0.12mm  
EVEN TERMINAL : PHOSPHOR BRONZE t=0.12mm
- メッキ仕様 PLATING  
端子 TERMINAL  
テール部: 金メッキ  
接点部: 金メッキ 0.1μm以上  
下地: ニッケルメッキ 1.0μm以上  
TAIL AREA : Gold PLATING  
CONTACT AREA : Gold PLATING 0.1μm MINIMUM  
UNDER PLATING : Nickel PLATING 1.0μm MINIMUM
- 端子の平坦度は0.1mm以下とする  
COPLANALITY OF SOLDER TAILS: 0.1mm MAX.
- ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT



|      |      |      |      |                  |          |
|------|------|------|------|------------------|----------|
| 18.6 | 17.4 | 18.0 | 19.4 | 504740-6100      | 61       |
| 15.6 | 14.4 | 15.0 | 16.4 | 504740-5100      | 51       |
| 13.8 | 12.6 | 13.2 | 14.6 | 504740-4500      | 45       |
| 12.6 | 11.4 | 12.0 | 13.4 | 504740-4100      | 41       |
| 12.0 | 10.8 | 11.4 | 12.8 | 504740-3900      | 39       |
| 11.4 | 10.2 | 10.8 | 12.2 | 504740-3700      | 37       |
| 10.2 | 9.0  | 9.6  | 11.0 | 504740-3300      | 33       |
| 7.2  | 6.0  | 6.6  | 8.0  | 504740-2300      | 23       |
| 6.0  | 4.8  | 5.4  | 6.8  | 504740-1900      | 19       |
| D    | C    | B    | A    | EMBOSSED TAPE    | CIRCUITS |
|      |      |      |      | ORDER NO. オーダー番号 |          |

|                                                                                                                  |     |                                       |        |                                                                                                                               |            |                                                                                |  |  |
|------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------|--|--|
| REVISED<br>EC NO: J2015-1144<br>DRW: NASUNUMA 2015/03/06<br>CHK: KATAKASHI 2015/04/13<br>APP: YNOGAWA 2015/04/14 |     | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                                                                                                    |            | SCALE<br>THIRD ANGLE PROJECTION                                                |  |  |
|                                                                                                                  |     | 0.25 UNDER                            | ± 0.03 | DRAWN BY                                                                                                                      | DATE       | TITLE<br>0.3 FPC CONN. BACK FLIP<br>HGT=0.95MM<br>HOUSING ASSY<br><b>molex</b> |  |  |
|                                                                                                                  |     | 0.25 OVER 0.5 UNDER                   | ± 0.05 | TONO                                                                                                                          | 2013/07/17 |                                                                                |  |  |
|                                                                                                                  |     | 0.5 OVER 1.0 UNDER                    | ± 0.1  | CHECKED BY                                                                                                                    | DATE       |                                                                                |  |  |
| B                                                                                                                | REV | 1.0 OVER 10 UNDER                     | ± 0.2  | HIJIMA                                                                                                                        | 2013/07/17 | DOCUMENT NO.<br>SD-504740-001                                                  |  |  |
|                                                                                                                  |     | 10 OVER 30 UNDER                      | ± 0.25 | APPROVED BY                                                                                                                   | DATE       |                                                                                |  |  |
|                                                                                                                  |     | 30 OVER                               | ± 0.3  | YNOGAWA                                                                                                                       | 2014/03/05 |                                                                                |  |  |
|                                                                                                                  |     | ANGULAR                               | ± 1 °  | MATERIAL NO.                                                                                                                  |            |                                                                                |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                             |     |                                       |        | SEE CHART                                                                                                                     |            | SHEET NO.<br>1 OF 2                                                            |  |  |
|                                                                                                                  |     |                                       |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                                                                |  |  |



#### 参照基板レイアウト(マウント面)

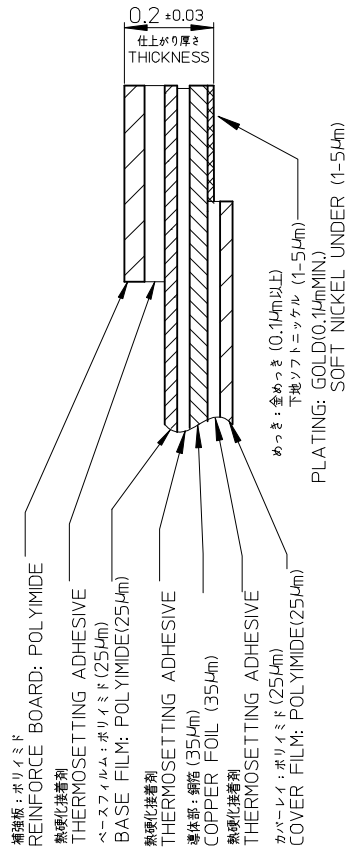
P.W. BOARD PATTERN  
DIM.(REF)

推奨メタルマスク厚さ : 0.1mm

RECOMMENDED METAL MASK THICKNESS : 0.1mm

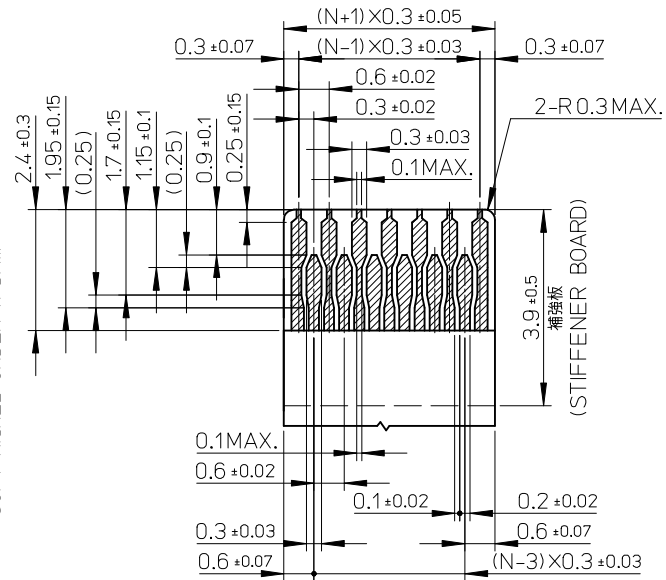
推奨開口率 : 80%

APERTURE RATE : 80%



#### FPC構成推奨仕様

STRUCTURE OF FPC



#### 適合FPC推奨寸法

(仕上がり厚さ : 0.20±0.03)

APPLY FPC RECOMMENDED DIM.

(THICKNESS : 0.20±0.03)

#### FPCについて (ABOUT FPC)

抜き方向は、導体側から補強版側を推奨致します。

補強板材質はポリイミド、接着剤は熱硬化接着剤を推奨します。

尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します。

RECOMMENDED PUNCHER DIRECTION:

FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

RECOMMENDED MATERIAL:

STIFFENER BOARD: POLYIMIDE

BONDING AGENT: THERMOSETTING AGENT

PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND

BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

※1 補強板の長さが図面通りに確保できない場合は、カバーレイと

補強板のオーバーラップ寸法を0.5mm以上としてください。

WHEN STIFFENER BOARD DIMENSION CAN NOT SECURE

AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF

COVER FILM AND STIFFENER BOARD AS 0.5mm MINIMUM.

|                  |                   |                                                                                                |             |                                                            |  |        |                            |            |                                                                |                        |                           |  |  |  |
|------------------|-------------------|------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--|--------|----------------------------|------------|----------------------------------------------------------------|------------------------|---------------------------|--|--|--|
| SEE SHEET 1 OF 2 | EC NO: J2015-1144 | DRAWN: SANJUMA<br>2015/03/06<br>CHK: K. TAKAHASHI<br>2015/04/13<br>APPR: YNOGAWA<br>2015/04/14 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  |        | DIMENSION STYLE<br>MM ONLY |            | SCALE                                                          | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |  |
|                  |                   |                                                                                                |             | 0.25 UNDER                                                 |  | ± 0.03 | DRAWN BY                   | DATE       | TITLE<br>0.3 FPC CONN. BACK FLIP<br>HGT=0.95MM<br>HOUSING ASSY |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | 0.25 OVER 0.5 UNDER                                        |  | ± 0.05 | TONO                       | 2013/07/17 |                                                                |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | 0.5 OVER 1.0 UNDER                                         |  | ± 0.1  | CHECKED BY                 | DATE       | DOCUMENT NO.<br>SD-504740-001                                  |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | 1.0 OVER 10 UNDER                                          |  | ± 0.2  | HIJIMA                     | 2013/07/17 |                                                                |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | 10 OVER 30 UNDER                                           |  | ± 0.25 | APPROVED BY                | DATE       | SHEET NO.<br>2 OF 2                                            |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | 30 OVER                                                    |  | ± 0.3  | YNOGAWA                    | 2014/03/05 |                                                                |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | ANGULAR ±1 °                                               |  |        | MATERIAL NO.               |            | SEE SHEET 1 OF 2                                               |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |        | SIZE<br>A3                 |            |                                                                |                        |                           |  |  |  |
|                  |                   |                                                                                                |             | REV                                                        |  |        |                            |            |                                                                |                        |                           |  |  |  |

10 9 8 7 6 5 4 3 2 1

F

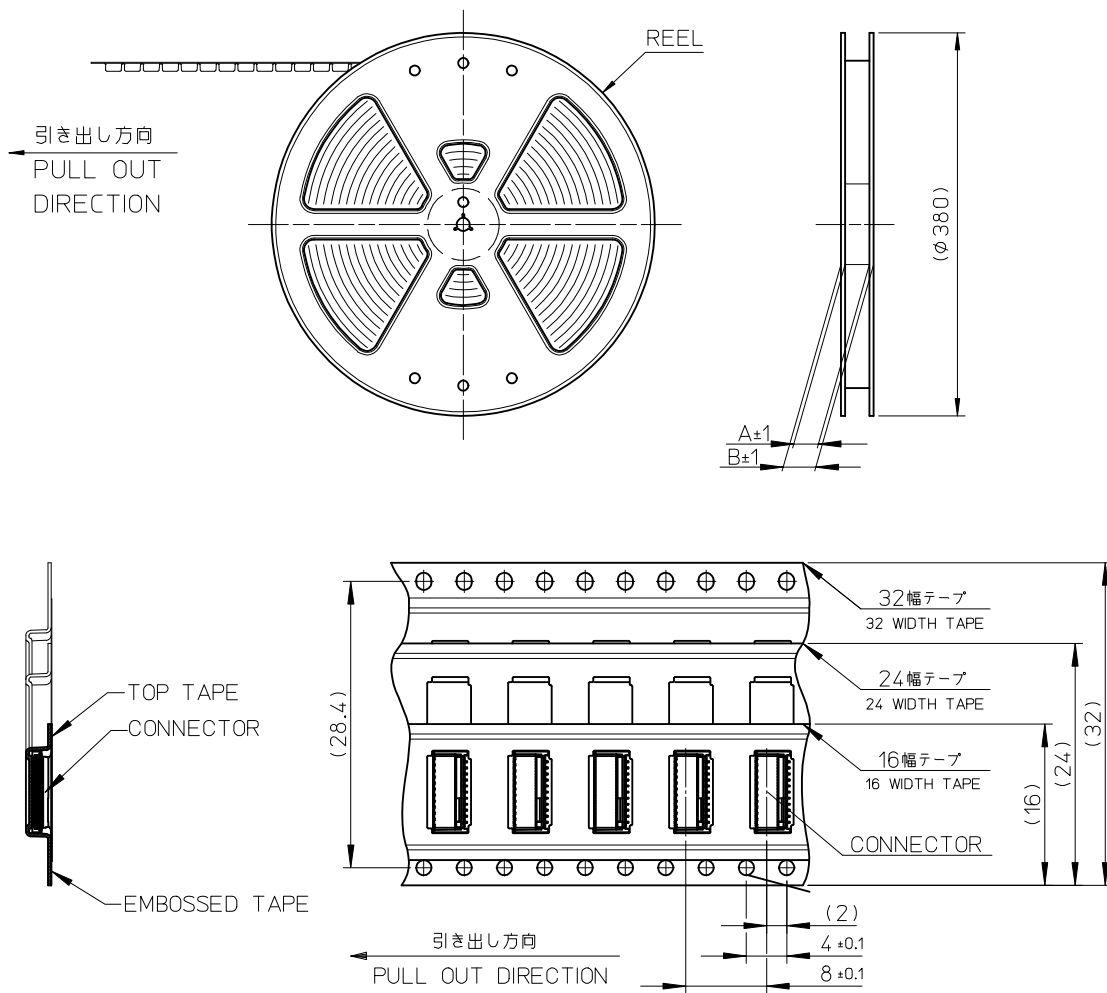
E

D

C

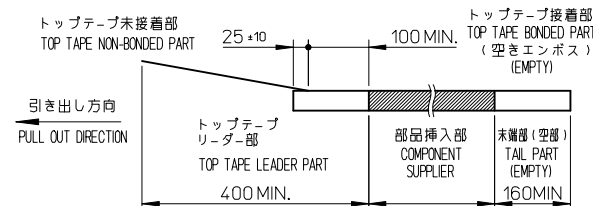
B

A



NOTES

- 製品詳細寸法については、図面 SD-504740-001をご参照下さい。  
REFER TO THE SD-504740-001 ABOUT DIMENSIONS IN DETAIL.
- 梱包数量 : 5000 個/リール  
NUMBER OF CONNECTORS : 5000 PCS/REEL
- リードテープ長さ  
LEAD TAPE LENGTH



- 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.
- 材料  
キャリアテープ : ポリスチレン (PS)  
トップテープ : PET, OTHER  
リール : ポリスチレン (PS) <リサイクル材を含む>  
MATERIAL  
CARRIER TAPE : POLYSTYRENE(PS)  
TOP TAPE : PET, OTHER  
REEL : POLYSTYRENE(PS)  
<RECYCLE MATERIAL CONTAINED>

|                      |      |      |                                     |         |
|----------------------|------|------|-------------------------------------|---------|
| 32                   | 37.4 | 33.4 | 504740-6100                         | 61      |
|                      |      |      | 504740-5100                         | 51      |
|                      |      |      | 504740-4500                         | 45      |
|                      |      |      | 504740-4100                         | 41      |
| 24                   | 29.4 | 25.4 | 504740-3900                         | 39      |
|                      |      |      | 504740-3700                         | 37      |
|                      |      |      | 504740-3300                         | 33      |
| 16                   | 21.4 | 17.4 | 504740-2300                         | 23      |
|                      |      |      | 504740-1900                         | 19      |
| テープ幅<br>TAPE WIDTH   | B    | A    | EMBOSSD PACKAGE<br>オーダー番号 ORDER NO. | CIRCUIT |
| CONDUCTOR SERIES NO. |      |      | 504740-**09                         |         |

エンボステープ内の製品の向き  
DIRECTION OF CONNECTOR IN  
EMBOSSD TAPE

|                                                                                                                 |             |                                                            |           |        |                            |                                                                                                                                  |                                                              |                        |                           |  |  |
|-----------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|-----------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2015-1144<br>DRWN:NASUNMA 2015/03/06<br>CHKD:KATAHASHI 2015/04/13<br>APPR:YNOGAWA 2015/04/14 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |           |        | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>1:0                                                 | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                 |             | 0.25 UNDER                                                 | UNDER     | ± 0.03 | DRAWN BY                   | DATE                                                                                                                             | TITLE<br>0.3 FPC CONN. BACK FLIP<br>HGT=0.95MM<br>EMBSTP PKG |                        |                           |  |  |
|                                                                                                                 |             | 0.25 OVER                                                  | 0.5 UNDER | ± 0.05 | TONO                       | 2013/07/25                                                                                                                       |                                                              |                        |                           |  |  |
|                                                                                                                 |             | 0.5 OVER                                                   | 1.0 UNDER | ± 0.1  | CHECKED BY                 | DATE                                                                                                                             | molex                                                        |                        |                           |  |  |
|                                                                                                                 |             | 1.0 OVER                                                   | 10 UNDER  | ± 0.2  | HIJIMA                     | 2013/07/25                                                                                                                       |                                                              |                        |                           |  |  |
|                                                                                                                 |             | 10 OVER                                                    | 30 UNDER  | ± 0.25 | APPROVED BY                | DATE                                                                                                                             | SD-504740-002                                                |                        |                           |  |  |
|                                                                                                                 |             | 30 OVER                                                    |           | ± 0.3  | YNOGAWA                    | 2014/03/05                                                                                                                       |                                                              |                        |                           |  |  |
|                                                                                                                 |             | ANGULAR ±1 °                                               |           |        | MATERIAL NO.               |                                                                                                                                  | DOCUMENT NO.                                                 |                        | SHEET NO.                 |  |  |
|                                                                                                                 |             |                                                            |           |        | SEE CHART                  |                                                                                                                                  |                                                              |                        | 1 OF 1                    |  |  |
|                                                                                                                 |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |           |        | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                              |                        |                           |  |  |

9 8 7 6 5 4 3 2 1