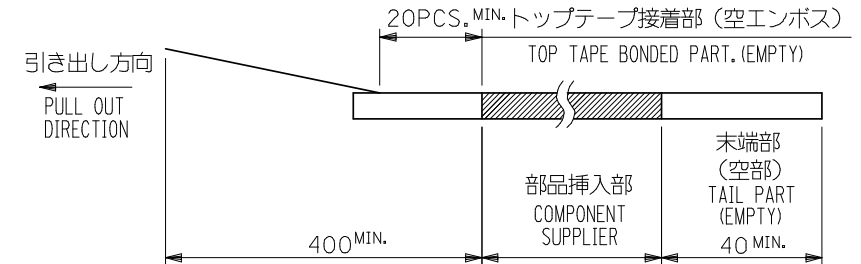
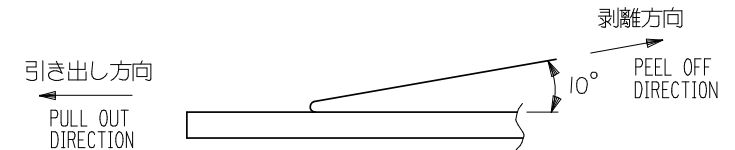


# 注記 NOTES.

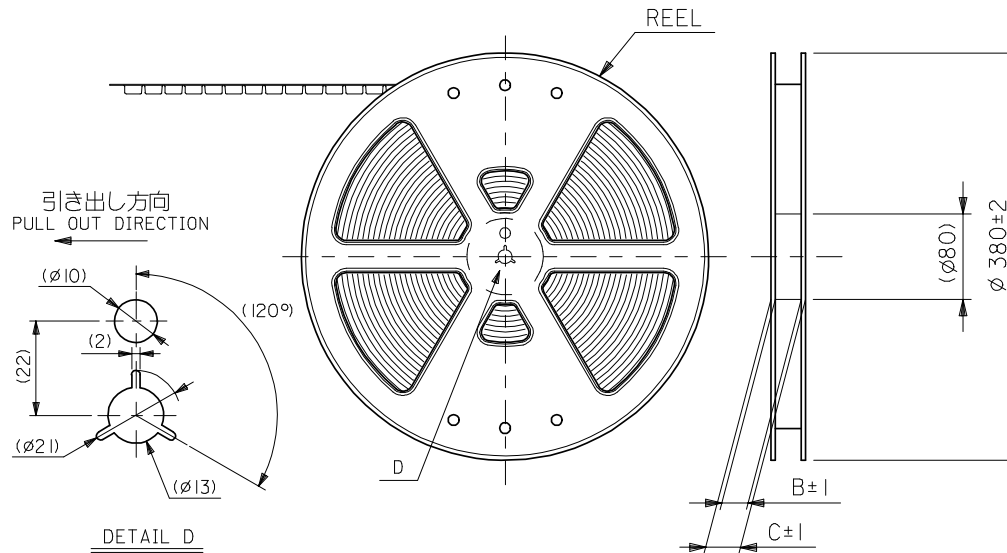
- 製品詳細寸法については図面 SD-53929-005 を参照下さい。  
RE DETAILED DIMENSION, SEE SD-53929-005.
- 梱包数量：3000個/リール  
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- トップテープの剥離強度：0.1～1.3N {10～130gf}  
(剥離方向は下図参照)  
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)  
PEELING OFF FORCE OF TOP TAPE : 0.1～1.3N {10～130gf}  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.  
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.

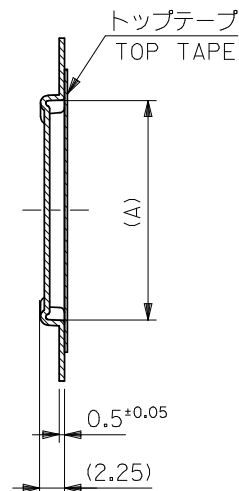


- 材料 (MATERIAL)  
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)  
トップテープ (TOPTAPE) : PET , PE , PEF  
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>  
POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は 53929-\*\*\*8 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53929-\*\*\*8.

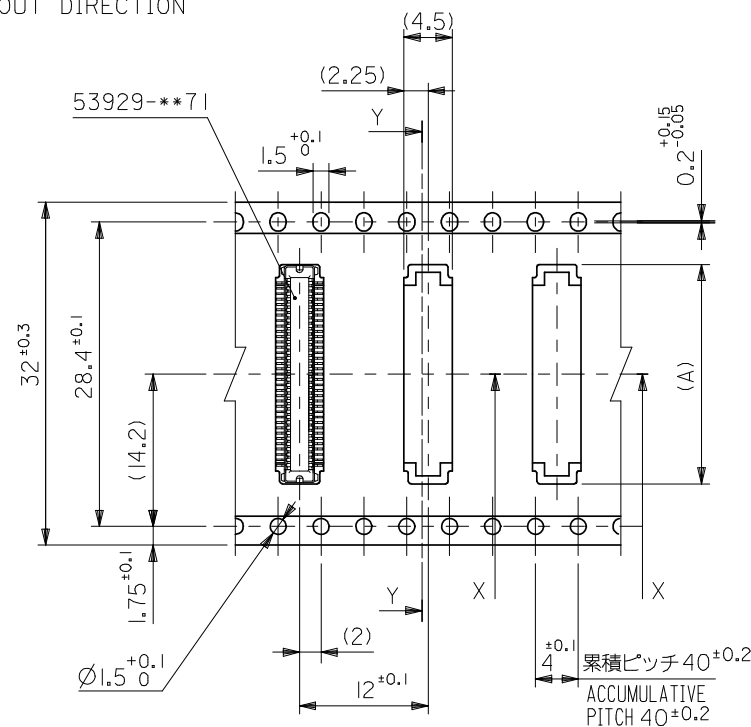


|                                                                                    |             |                                                            |  |                                                                                                                                  |  |                                                                        |                        |                           |  |
|------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|------------------------|---------------------------|--|
| REVISED<br>EC NO: J2008-3821<br>DRWN:K INOSHITA<br>CHKD:T. HARUYAMA<br>APPR:NUKITA | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  | DIMENSION STYLE<br>MM ONLY                                                                                                       |  | SCALE<br>---                                                           | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
|                                                                                    |             | 10 UNDER ± ---                                             |  | DRAWN BY DATE<br>H. KAWABATA '04/3/5                                                                                             |  | TITLE<br>0.5 BTB CONN PLUG ASSY<br>WITH NAIL EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |
|                                                                                    |             | 10 OVER 30 UNDER ± ---                                     |  | CHECKED BY DATE<br>K. TOJO '04/3/5                                                                                               |  |                                                                        |                        |                           |  |
|                                                                                    |             | 30 OVER ± ---                                              |  | APPROVED BY DATE<br>M. SASAO '04/3/5                                                                                             |  | MOLEX MOLEX INCORPORATED                                               |                        |                           |  |
|                                                                                    |             | ANGULAR ± --- °                                            |  | MATERIAL NO.                                                                                                                     |  |                                                                        |                        |                           |  |
|                                                                                    |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | SEE TABLE                                                                                                                        |  | SD-53929-006                                                           |                        | 1 OF 3                    |  |
|                                                                                    |             |                                                            |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                        |                        |                           |  |

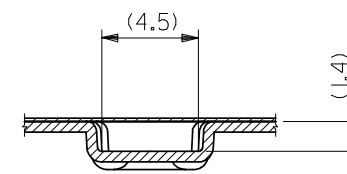
引き出し方向  
PULL OUT DIRECTION



SECT. Y-Y



累積ピッチ  $40^{+0.2}$   
ACCUMULATIVE  
PITCH  $40^{+0.2}$



SECT. X-X

32mm幅キャリアテープ

|                                                                                                                                 |  |  |  |                                          |  |                                |  |                                                                                                                                  |  |                 |  |                                                               |  |              |  |                           |  |
|---------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------|--|--------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|---------------------------------------------------------------|--|--------------|--|---------------------------|--|
|                                                                                                                                 |  |  |  | 32                                       |  | 37.4                           |  | 33.4                                                                                                                             |  | 20.45           |  | 53929-0778                                                    |  | 70           |  |                           |  |
| MODEL NO.                                                                                                                       |  |  |  | 53929-***78                              |  | キャリアテープ幅<br>CARRIER TAPE WIDTH |  | C                                                                                                                                |  | B               |  | (A)                                                           |  | MATERIAL NO. |  | 極数<br>CKT.                |  |
| REVISED<br>EC NO: J2008-3821<br>DRAWN: INOSHITA 2008/05/07<br>CHK'D: T. HARUYAMA 2008/05/07<br>APPR: NUKITA 2008/05/12<br><br>B |  |  |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  |                                |  | DIMENSION STYLE                                                                                                                  |  |                 |  | SCALE                                                         |  | DESIGN UNITS |  | THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                                 |  |  |  |                                          |  |                                |  | MM ONLY                                                                                                                          |  |                 |  | ---                                                           |  | METRIC       |  |                           |  |
|                                                                                                                                 |  |  |  | 10 UNDER                                 |  | ± ---                          |  | DRAWN BY<br>H. KAWABATA                                                                                                          |  | DATE<br>'04/3/5 |  | 0.5 BTB CONN PLUG ASSY<br>WITH NAIL EMBSTP PKG<br>-LEAD FREE- |  |              |  |                           |  |
|                                                                                                                                 |  |  |  | 10 OVER 30 UNDER                         |  | ± ---                          |  | CHECKED BY<br>K. TOJO                                                                                                            |  | DATE<br>'04/3/5 |  |                                                               |  |              |  |                           |  |
|                                                                                                                                 |  |  |  | 30 OVER                                  |  | ± ---                          |  | APPROVED BY<br>M. SASAO                                                                                                          |  | DATE<br>'04/3/5 |  |                                                               |  |              |  |                           |  |
| ANGULAR                                                                                                                         |  |  |  | ± --- °                                  |  |                                |  | MATERIAL NO.                                                                                                                     |  |                 |  | DOCUMENT NO.                                                  |  |              |  | SHEET NO.                 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                      |  |  |  | SEE TABLE                                |  |                                |  | SD-53929-006                                                                                                                     |  |                 |  | 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 |  |                 |  |                                                               |  |              |  |                           |  |

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

E

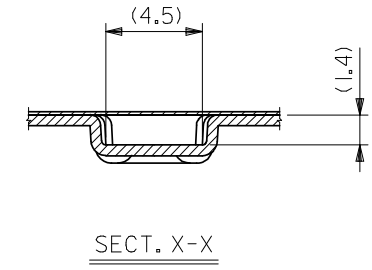
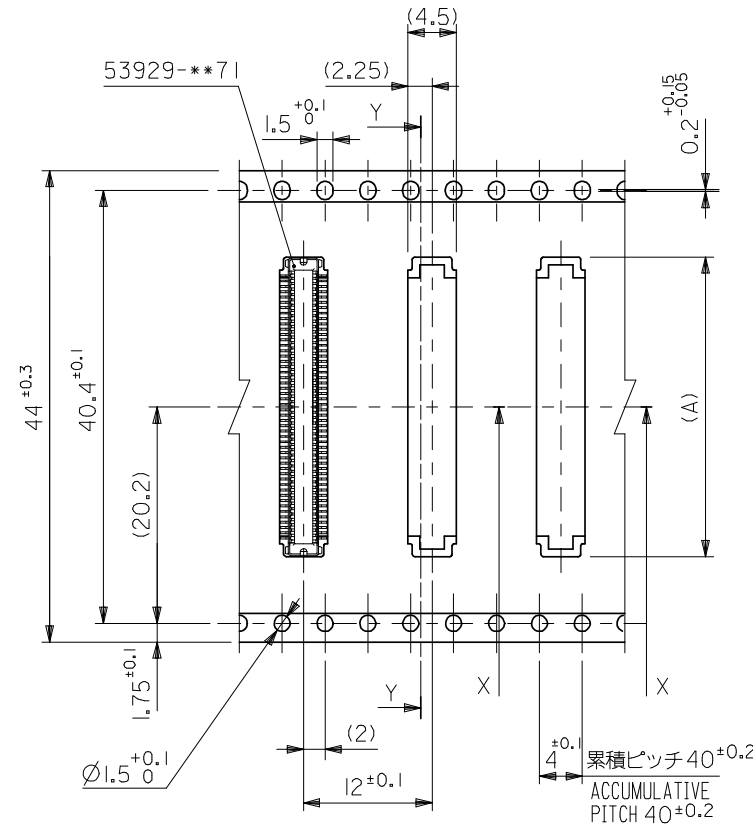
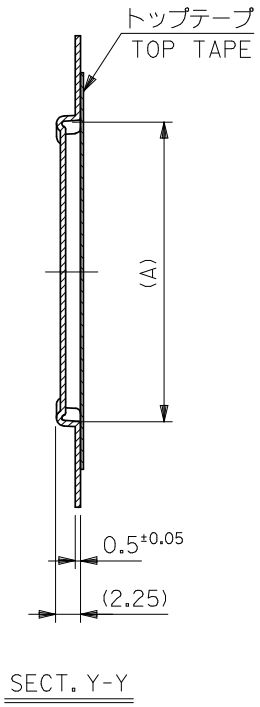
D

C

B

A

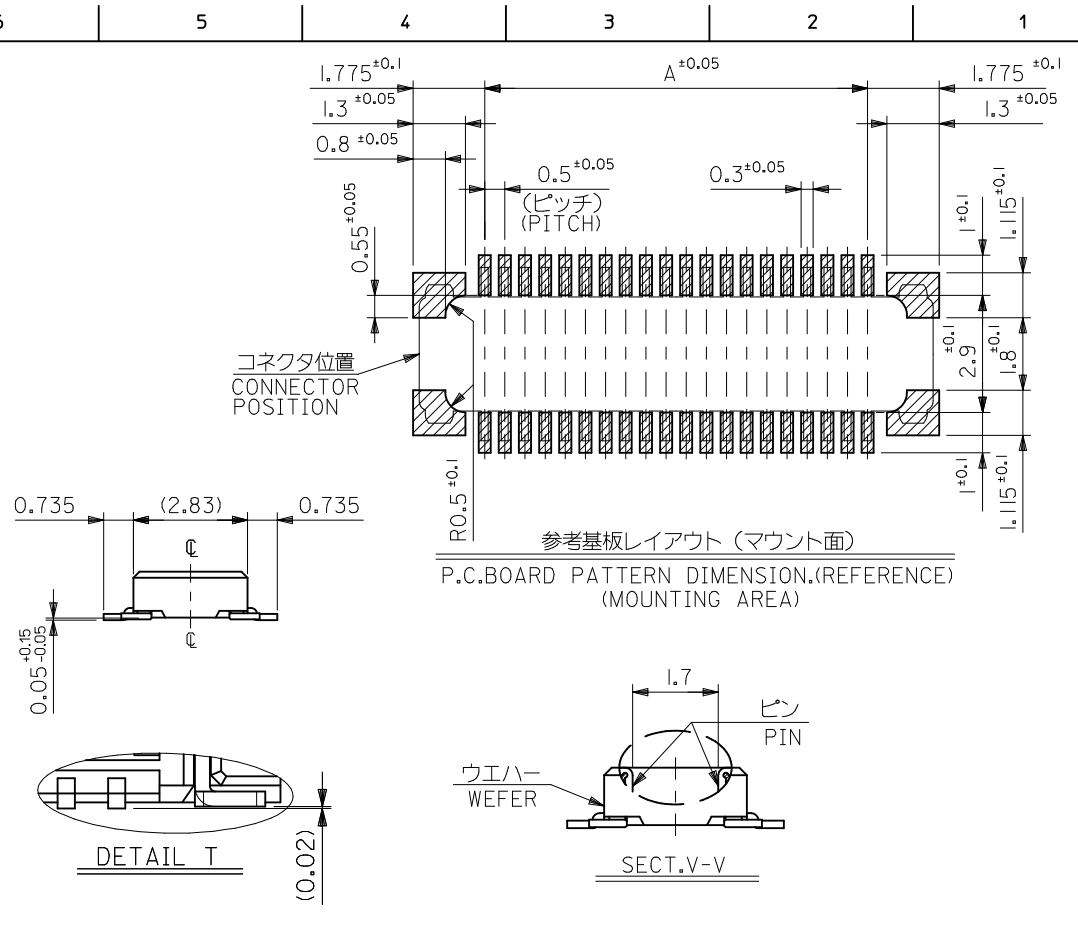
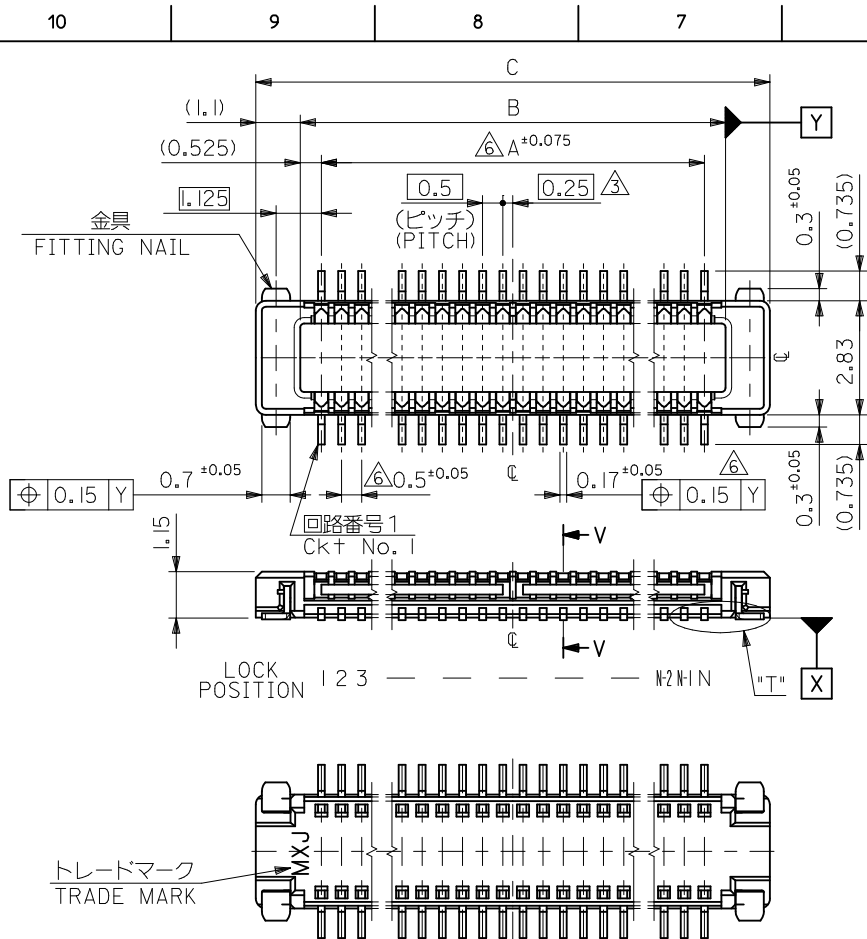
引き出し方向  
PULL OUT DIRECTION



44mm幅キャリアテープ  
44mm WIDTH CARRIER TAPE

|           |            |                                |    |      |      |                |                          |           |
|-----------|------------|--------------------------------|----|------|------|----------------|--------------------------|-----------|
| MODEL NO. | 53929-**78 | キャリアテープ幅<br>CARRIER TAPE WIDTH | 44 | 49.4 | 45.4 | 27.95<br>22.95 | 53929-1078<br>53929-0878 | 100<br>80 |
|           |            |                                |    | C    | B    | (A)            | MATERIAL NO.             | 極数<br>CKT |

|                                                                                   |                    |                                                            |       |                            |                                                                                                                                  |                                                                        |                        |                           |  |  |
|-----------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2008-3821<br>DRWN:K INOSHITA<br>CHKD:T HARUYAMA<br>APPR:NUKITA | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                                           | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                   |                    | 10 UNDER                                                   | ± --- | DRAWN BY<br>H. KAWABATA    | DATE<br>'04/3/5                                                                                                                  | TITLE<br>0.5 BTB CONN PLUG ASSY<br>WITH NAIL EMBSTP PKG<br>-LEAD FREE- |                        |                           |  |  |
|                                                                                   |                    | 10 OVER 30 UNDER                                           | ± --- | CHECKED BY<br>K. TOJO      | DATE<br>'04/3/5                                                                                                                  |                                                                        |                        |                           |  |  |
|                                                                                   |                    | 30 OVER                                                    | ± --- | APPROVED BY<br>M. SASAO    | DATE<br>'04/3/5                                                                                                                  | MOLEX INCORPORATED                                                     |                        |                           |  |  |
|                                                                                   |                    | ANGULAR ± --- °                                            |       | MATERIAL NO.               |                                                                                                                                  | DOCUMENT NO.                                                           |                        | SHEET NO.                 |  |  |
|                                                                                   |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE TABLE                  |                                                                                                                                  | SD-53929-006                                                           |                        | 3 OF 3                    |  |  |
|                                                                                   |                    | B                                                          |       | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                        |                        |                           |  |  |



注記 NOTES:

1. 材質  
 MATERIAL  
 ハウジング : LCP、ガラス充填、黒色, UL94V-0  
 HOUSING : LIQUID CRYSTAL POLYMER, GLASS FILLED, BLACK, UL94V-0  
 ターミナル : 黄銅 (t=0.15)  
 TERMINAL : BRASS (t=0.15)  
 ネイル : リン青銅 (t=0.15)  
 NAIL : PHOSPHOR BRONZE (t=0.15)

2. メッキ仕様  
 PLATING  
 ターミナル  
 TERMINAL  
 接点部 : 金メッキ 0.25 μm以上  
 CONTACT AREA : GOLD 0.25 MICROMETER MINIMUM.  
 半田付け部 : 金メッキ 0.1 μm以上  
 SOLDER TAIL : GOLD 0.1 MICROMETER MINIMUM.  
 下地メッキ : ニッケルメッキ 1.5 μm以上  
 UNDER PLATING : NICKEL 1.5 MICROMETER MINIMUM.

3. (全極数/2) = 偶数の場合に適用  
 APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手 : 54137-\*\*\*\*  
 MATED CONN. : 54137-\*\*\*\*

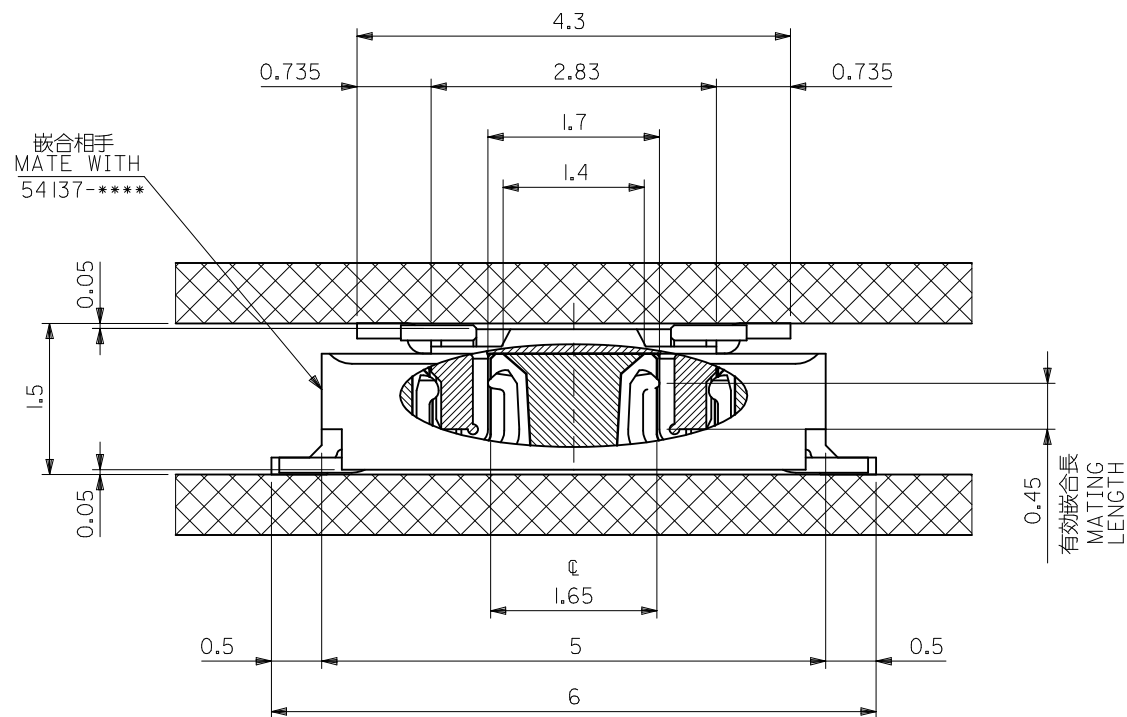
5. テール平坦度は、0.08以下。テールとネイルを併せた平坦度は、0.1以下とする。  
 TAIL COPLANARITY TO BE 0.08 MAXIMUM.  
 TAILS AND NAILS COPLANARITY TO BE 0.1 MAXIMUM.

6. テール部に適用  
 APPLY TO THE TAIL AREA.

7. 本製品は53929-\*\*\*78ネイル圧入品です。  
 THIS PRODUCT IS NAIL-FITTING ITEM OF 53929-\*\*\*78.

|       |       |      |                                      |     |
|-------|-------|------|--------------------------------------|-----|
| 27.75 | 25.55 | 24.5 | 53929-1078                           | 100 |
| 22.75 | 20.55 | 19.5 | 53929-0878                           | 80  |
| C     | B     | A    | EMBOSSED PACKAGE<br>ORDER No. オーダー番号 | Ckt |

|         |                    |             |                                                            |            |              |                       |                                                                                                                                  |                                       |  |                                         |  |              |                        |                        |           |  |        |  |
|---------|--------------------|-------------|------------------------------------------------------------|------------|--------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|-----------------------------------------|--|--------------|------------------------|------------------------|-----------|--|--------|--|
| REVISED | EC NO.: J2013-0632 | 2012/12/03  | DRWNG:KTOYODA                                              | 2012/12/04 | CHKD:TASKAWA | 2013/02/20            | APPR:MSASAO                                                                                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY              |  | SCALE<br>8:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |           |  |        |  |
|         | A                  | DESCRIPTION | 10 UNDER                                                   |            | ±0.2         | DRAWN BY<br>KTOYODA   |                                                                                                                                  | DATE<br>2010/12/09                    |  | TITLE<br>0.5 B/B CONN<br>PLUG WITH NAIL |  |              |                        |                        |           |  |        |  |
|         |                    |             | 10 OVER 30 UNDER                                           |            | ±0.25        | CHECKED BY<br>MSASAO  |                                                                                                                                  | DATE<br>2011/02/15                    |  |                                         |  |              |                        |                        |           |  |        |  |
|         |                    |             | 30 OVER                                                    |            | ±0.3         | APPROVED BY<br>MSASAO |                                                                                                                                  | DATE<br>2011/02/15                    |  | molex                                   |  |              |                        |                        |           |  |        |  |
|         |                    |             | ANGULAR ±1 °                                               |            | MATERIAL NO. |                       | DOCUMENT NO.                                                                                                                     |                                       |  |                                         |  |              |                        |                        | SHEET NO. |  |        |  |
|         |                    |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |            | SIZE<br>A3   |                       | SEE CHART                                                                                                                        |                                       |  |                                         |  | SD-53929-010 |                        |                        |           |  | 1 OF 2 |  |
|         |                    |             |                                                            |            |              |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |  |                                         |  |              |                        |                        |           |  |        |  |
| REV     |                    |             |                                                            |            |              |                       |                                                                                                                                  |                                       |  |                                         |  |              |                        |                        |           |  |        |  |



|                                                                                                                           |                                                            |                                          |             |                                                                                                                                  |                    |                                                                                       |                        |                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| SEE SHEET 1 OF 2<br>EC NO: J2013-0632<br>DRAWN:KTOYODA 2012/12/03<br>CHK'D: TASAKAWA 2012/12/04<br>APPR:MSASAO 2013/02/20 | 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                                 | ± 0.2       | DRAWN BY<br>KTOYODA                                                                                                              | DATE<br>2010/12/16 | TITLE<br>0.5 B/B CONN.<br>PLUG WITH NAIL                                              |                        |                                                                                                                 |  |
|                                                                                                                           |                                                            | 10 OVER 30 UNDER                         | ± 0.25      | CHECKED BY<br>MSASAO                                                                                                             | DATE<br>2011/02/15 |                                                                                       |                        |                                                                                                                 |  |
|                                                                                                                           |                                                            | 30 OVER                                  | ± 0.3       | APPROVED BY<br>MSASAO                                                                                                            | DATE<br>2011/02/15 |  |                        |                                                                                                                 |  |
|                                                                                                                           |                                                            | ANGULAR ±1 °                             |             | MATERIAL NO.                                                                                                                     |                    |                                                                                       |                        |                                                                                                                 |  |
|                                                                                                                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE SHEET 1 |                                                                                                                                  | SD-53929-010       |                                                                                       | 2 OF 2                 |                                                                                                                 |  |
| REV                                                                                                                       |                                                            |                                          | SIZE<br>A3  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                       |                        |                                                                                                                 |  |

# Mouser Electronics

Authorized Distributor

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Molex:

53929-1078