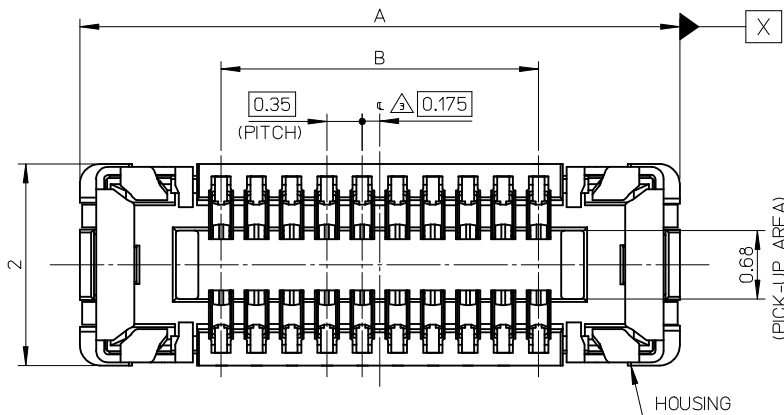


#### NOTES

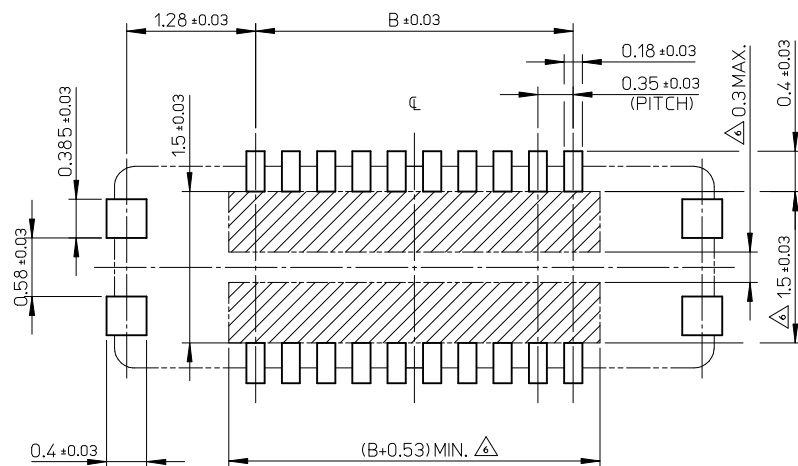
- MATERIAL  
HOUSING : LIQUID CRYSTAL POLYMER UL94V-0(COLOR : BLACK)  
TERMINAL : COPPER ALLOY  
FITTING NAIL : COPPER ALLOY
- PLATING  
TERMINAL :  
GOLD  
UNDER PLATING : NICKEL  
\*DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT  
AND THE TAIL PART BY THE NICKEL PLATING.  
FITTING NAIL :  
GOLD  
UNDER PLATING : NICKEL  
\*DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT  
AND THE TAIL PART BY THE NICKEL PLATING.
- APPLY FOR (CIRCUIT/2)=EVEN.
- MATE WITH : 505070-\*\*10
- TAIL AND FITTING NAIL COPLANARITY TO BE 0.08MAXIMUM.
- PROHIBITED AREA OF PATTERN WIRING AND SOLDER.  
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER  
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)
- ELV and RoHS COMPLIANT.

|       |       |             |     |     |    |
|-------|-------|-------------|-----|-----|----|
| 11.90 | 14.70 | 505066-7010 | --- | --- | 70 |
| 10.85 | 13.65 | 505066-6410 | --- | --- | 64 |
| 10.15 | 12.95 | 505066-6010 | --- | Δ   | 60 |
| 9.80  | 12.60 | 505066-5810 | --- | --- | 58 |
| 9.10  | 11.90 | 505066-5410 | --- | ○   | 54 |
| 8.40  | 11.20 | 505066-5010 | --- | Δ   | 50 |
| 8.05  | 10.85 | 505066-4810 | ○   | --- | 48 |
| 7.70  | 10.50 | 505066-4610 | --- | ○   | 46 |
| 7.00  | 9.80  | 505066-4210 | --- | --- | 42 |
| 6.65  | 9.45  | 505066-4010 | ○   | --- | 40 |
| 6.30  | 9.10  | 505066-3810 | --- | --- | 38 |
| 5.60  | 8.40  | 505066-3410 | --- | ○   | 34 |
| 4.90  | 7.70  | 505066-3010 | ○   | --- | 30 |
| 3.85  | 6.65  | 505066-2410 | --- | Δ   | 24 |
| 3.50  | 6.30  | 505066-2210 | --- | ○   | 22 |
| 3.15  | 5.95  | 505066-2010 | --- | ○   | 20 |
| 2.80  | 5.60  | 505066-1810 | --- | --- | 18 |
| 2.45  | 5.25  | 505066-1610 | ○   | --- | 16 |
| 2.10  | 4.90  | 505066-1410 | --- | ○   | 14 |
| 1.75  | 4.55  | 505066-1210 | ○   | --- | 12 |
| 1.40  | 4.20  | 505066-1010 | --- | Δ   | 10 |
| 0.70  | 3.50  | 505066-0610 | ○   | --- | 6  |

| B                                                                                        | A | EMBOSSED TAPE PACKAGE<br>ORDER NO. | HIGH VOL.<br>TOOL | LOW VOL.<br>TOOL | CIRCUIT |
|------------------------------------------------------------------------------------------|---|------------------------------------|-------------------|------------------|---------|
| SAMPLE PREPARATION<br>○ : TOOLED<br>Δ : WORK IN PROCESS<br>--- : TOOLING TO BE CONFIRMED |   |                                    |                   |                  |         |

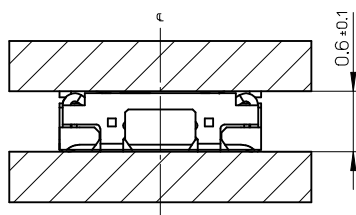
CONNECTOR SERIES No. : 505066-\*\*09

| REVISED           |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY |      | SCALE                                                                                                                            | DESIGN UNITS | THIRD ANGLE<br>PROJECTION                   |  |
|-------------------|------------|------------------------------------------------------------|--------|----------------------------|------|----------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------|--|
| EC NO: J2015-0801 | 2014/12/18 | 10 UNDER                                                   | ± 0.2  | DRAWN BY                   | DATE | 20:1                                                                                                                             | METRIC       | 0.35 BB CONN. H=0.6<br>SSB6 RP<br>REC. ASSY |  |
| DRWN:TSOMEYA      | 2014/12/18 | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY                 | DATE |                                                                                                                                  |              |                                             |  |
| CHKD:             | 2014/12/18 | 30 OVER                                                    | ± 0.3  | APPROVED BY                | DATE |                                                                                                                                  |              | molex                                       |  |
| APPR:KMORIKAWA    | 2014/12/18 | ANGULAR                                                    | ± 1 °  | MATERIAL NO.               |      |                                                                                                                                  |              |                                             |  |
| M                 |            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                  |      | DOCUMENT NO.                                                                                                                     |              | SD-505066-001                               |  |
|                   |            |                                                            |        | SIZE A3                    |      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              | SHEET NO.<br>1 OF 2                         |  |

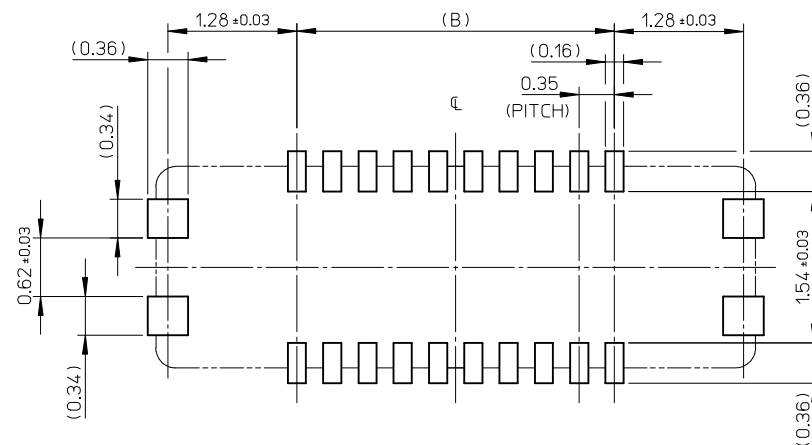


RECOMMENDED P.W.BOARD PATTERN LAYOUT (REFERENCE)

△ PROHIBITED AREA OF PATTERN WIRING AND SOLDER.  
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER  
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)



MATED CONDITION



### RECOMMENDED METAL MASK LAYOUT (REFERENCE)

RECOMMENDED THICKNESS OF METAL MASK :  $t=0.08\text{mm}$   
RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 80%

|                                                                                                                                  |             |                                       |                                                            |                            |                    |                                                                                       |                        |                                                                                                              |        |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|------------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|--------|
| SEE SHEET 1 OF 2<br>EC NO.: J2015-0801<br>DRWN: T.SOMEYA 2014/12/18<br>CHKD: 2014/12/18<br>APPR: KMORIKAWA 2014/12/24            | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                            | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>20:1                                                                         | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |        |
|                                                                                                                                  |             | 10 UNDER                              | ± 0.2                                                      | DRAWN BY<br>KSASAKI        | DATE<br>2014/04/07 | TITLE<br>0.35 BB CONN. H=0.6<br>SSB6 RP<br>REC. ASSY                                  |                        |                                                                                                              |        |
|                                                                                                                                  |             | 10 OVER 30 UNDER                      | ± 0.25                                                     | CHECKED BY<br>KTANAKA03    | DATE<br>2014/04/07 |                                                                                       |                        |                                                                                                              |        |
|                                                                                                                                  |             | 30 OVER                               | ± 0.3                                                      | APPROVED BY<br>KMORIKAWA   | DATE<br>2014/04/08 |  |                        |                                                                                                              |        |
|                                                                                                                                  |             | ANGULAR ±1 °                          |                                                            | MATERIAL NO.               |                    |                                                                                       |                        |                                                                                                              |        |
|                                                                                                                                  | REV         | M                                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                            | SEE SHEET 1        |                                                                                       | SD-505066-001          |                                                                                                              | 2 OF 2 |
| 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

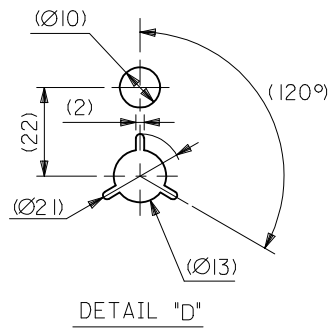
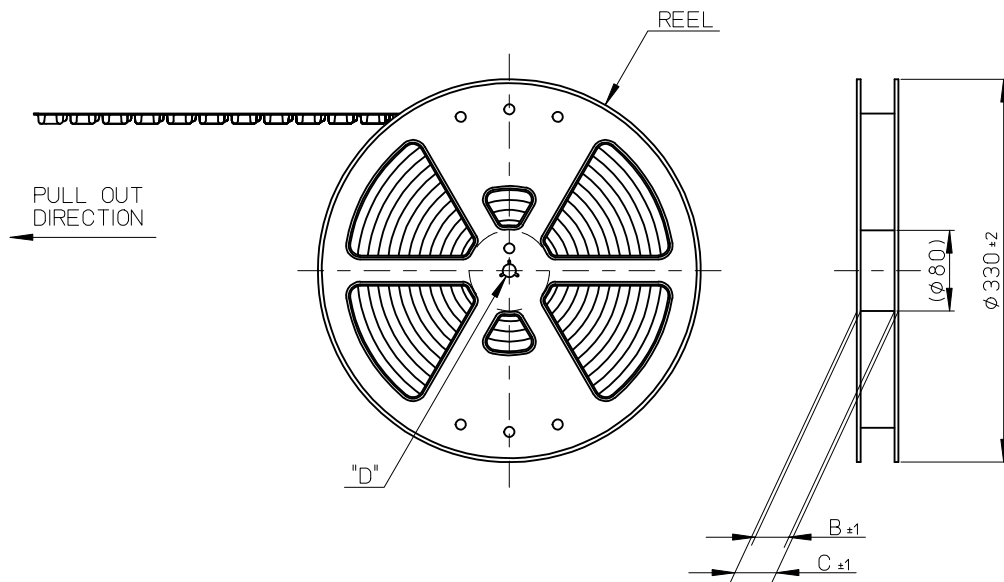
E

D

C

B

A



### NOTES

1. RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. NUMBER OF CONNECTORS : 3000PCS/REEL
3. LEAD TAPE LENGTH  
PULL OUT DIRECTION  
20PCS. MIN. TOP TAPE BONDED PART. (EMPTY)  
400MIN.  
COMPONENT SUPPLIER  
TAIL PART (EMPTY) 40MIN.
4. TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
5. MATERIAL  
CARRIER TAPE : POLYSTYRENE  
TOP TAPE : PET , OTHER  
REEL : POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
6. ELV AND RoHS COMPLIANT

9

8

7

6

5

4

3

2

|                                                                                                 |             |                                                            |              |                            |                    |                                                                                                                                  |                        |                           |  |           |        |
|-------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--|-----------|--------|
| REVISED<br>EC NO: J2015-0801<br>DRWN: TSOMEYA 2014/12/18<br>CHKD:<br>APPR: KMORIKAWA 2014/12/24 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |              | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>1:5                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |           |        |
|                                                                                                 |             | 10 UNDER                                                   | ± 0.2        | DRAWN BY<br>KSASAKI        | DATE<br>2014/04/07 | TITLE<br>0.35 BB CONN. H=0.6<br>SSB6 RP REC. ASSY<br>EMBSTP PKG<br><b>molex</b>                                                  |                        |                           |  |           |        |
|                                                                                                 |             | 10 OVER 30 UNDER                                           | ± 0.25       | CHECKED BY<br>KTANAKA03    | DATE<br>2014/04/07 |                                                                                                                                  |                        |                           |  |           |        |
|                                                                                                 |             | 30 OVER                                                    | ± 0.3        | APPROVED BY<br>KMORIKAWA   | DATE<br>2014/04/08 |                                                                                                                                  |                        |                           |  |           |        |
|                                                                                                 | ANGULAR     | ±1 °                                                       | MATERIAL NO. |                            | DOCUMENT NO.       |                                                                                                                                  |                        |                           |  | SHEET NO. |        |
| G                                                                                               | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |              | SEE CHART                  |                    | SD-505066-002                                                                                                                    |                        |                           |  |           | 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 |                        |                           |  |           |        |

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

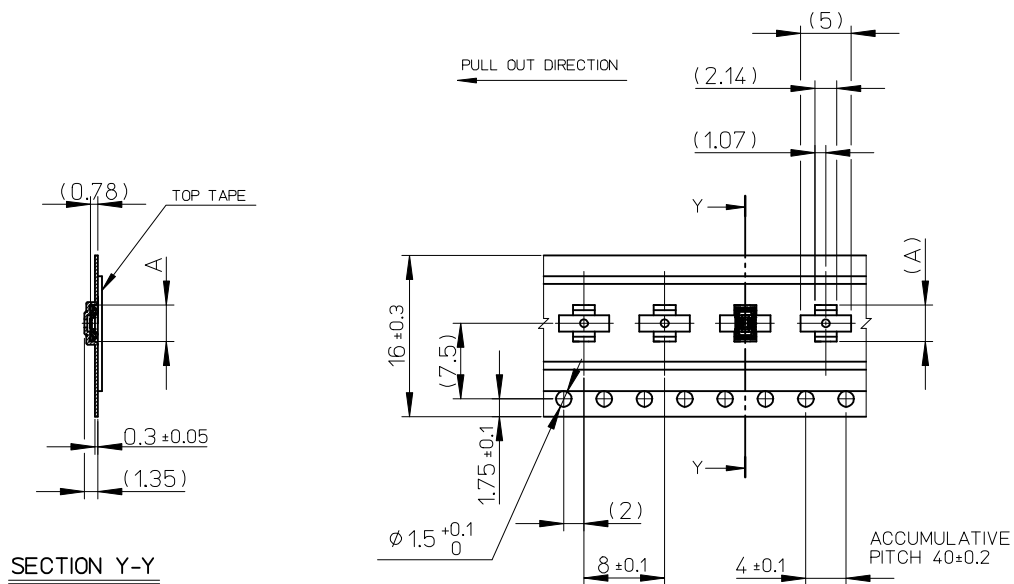
E

D

C

B

A



|                                |      |      |      |              |                    |                  |         |
|--------------------------------|------|------|------|--------------|--------------------|------------------|---------|
| 16                             | 21.4 | 17.4 | 7.82 | 505066-3010  | o                  | ---              | 30      |
|                                |      |      | 6.77 | 505066-2410  | ---                | Δ                | 24      |
|                                |      |      | 6.42 | 505066-2210  | ---                | o                | 22      |
|                                |      |      | 6.07 | 505066-2010  | ---                | o                | 20      |
|                                |      |      | 5.72 | 505066-1810  | ---                | ---              | 18      |
|                                |      |      | 5.37 | 505066-1610  | o                  | ---              | 16      |
|                                |      |      | 5.02 | 505066-1410  | ---                | o                | 14      |
|                                |      |      | 4.67 | 505066-1210  | o                  | ---              | 12      |
|                                |      |      | 4.32 | 505066-1010  | ---                | Δ                | 10      |
|                                |      |      | 3.62 | 505066-0610  | o                  | ---              | 6       |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | C    | B    | (A)  | MATERIAL No. | HIGH VOL.<br>TOOL  | LOW VOL.<br>TOOL | CIRCUIT |
|                                |      |      |      |              | SAMPLE PREPARATION |                  |         |

|                                                                                                     |             |                                                            |            |                                                                                                                                  |                    |                                                                 |                        |                        |  |  |                     |  |  |  |  |
|-----------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|------------------------|------------------------|--|--|---------------------|--|--|--|--|
| SEE SHEET 1<br>EC NO: J2015-0801<br>DRWN: TSOMEYA 2014/12/18<br>CHKD:<br>APPR: KMORIKAWA 2014/12/24 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |            | DIMENSION STYLE<br>MM ONLY                                                                                                       |                    | SCALE<br>2:1                                                    | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |  |                     |  |  |  |  |
|                                                                                                     |             | 10 UNDER                                                   | ± 0.2      | DRAWN BY<br>KSASAKI                                                                                                              | DATE<br>2014/04/07 | TITLE<br>0.35 BB CONN. H=0.6<br>SSB6 RP REC. ASSY<br>EMBSTP PKG |                        |                        |  |  |                     |  |  |  |  |
|                                                                                                     |             | 10 OVER 30 UNDER                                           | ± 0.25     | CHECKED BY<br>KTANAKA03                                                                                                          | DATE<br>2014/04/07 |                                                                 |                        |                        |  |  |                     |  |  |  |  |
|                                                                                                     |             | 30 OVER                                                    | ± 0.3      | APPROVED BY<br>KMORIKAWA                                                                                                         | DATE<br>2014/04/08 | DOCUMENT NO.<br>SD-505066-002                                   |                        |                        |  |  |                     |  |  |  |  |
|                                                                                                     |             | ANGULAR                                                    | ± 1 °      | MATERIAL NO.                                                                                                                     |                    |                                                                 |                        |                        |  |  | SHEET NO.<br>2 OF 3 |  |  |  |  |
|                                                                                                     |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |            | SEE CHART                                                                                                                        |                    |                                                                 |                        |                        |  |  |                     |  |  |  |  |
|                                                                                                     |             | REV                                                        | 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

10 9 8 7 6 5 4 3 2 1

F

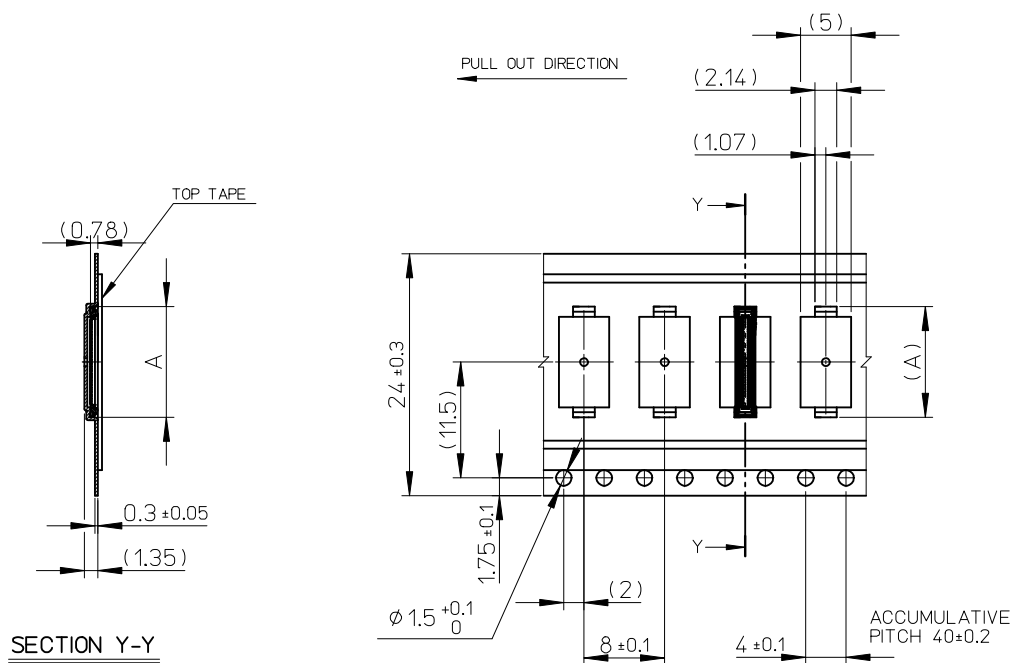
E

D

C

B

A



|                                |      |      |       |              |                    |                  |         |
|--------------------------------|------|------|-------|--------------|--------------------|------------------|---------|
| 24                             | 29.4 | 25.4 | 13.77 | 505066-6410  | ---                | ---              | 64      |
|                                |      |      | 13.07 | 505066-6010  | ---                | Δ                | 60      |
|                                |      |      | 12.02 | 505066-5410  | ---                | ○                | 54      |
|                                |      |      | 11.32 | 505066-5010  | ---                | Δ                | 50      |
|                                |      |      | 10.99 | 505066-4810  | ○                  | ---              | 48      |
|                                |      |      | 10.62 | 505066-4610  | ---                | ○                | 46      |
|                                |      |      | 9.92  | 505066-4210  | ---                | ---              | 42      |
|                                |      |      | 9.57  | 505066-4010  | ○                  | ---              | 40      |
|                                |      |      | 8.52  | 505066-3410  | ---                | ○                | 34      |
| キャリアテープ幅<br>CARRIER TAPE WIDTH | C    | B    | (A)   | MATERIAL No. | HIGH VOL.<br>TOOL  | LOW VOL.<br>TOOL | CIRCUIT |
|                                |      |      |       |              | SAMPLE PREPARATION |                  |         |

|                                                                                 |                                         |                                                            |                  |                                                                                                                                  |                    |                                                                 |                        |                                                                                                                 |              |
|---------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|
| SEE SHEET 1<br>EC NO.: J2015-0801<br>DRWN: TSOMEYA<br>CHKD:<br>APPR: KMORI KAWA | DESCRIPTION<br>2014/12/18<br>2014/12/24 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                  | DIMENSION STYLE<br>MM ONLY                                                                                                       |                    | SCALE<br>2:1                                                    | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |              |
|                                                                                 |                                         | <del>10 UNDER</del>                                        | <del>±0.2</del>  | DRAWN BY<br>KSASAKI                                                                                                              | DATE<br>2014/04/07 | TITLE<br>0.35 BB CONN. H=0.6<br>SSB6 RP REC. ASSY<br>EMBSTP PKG |                        |                                                                                                                 |              |
|                                                                                 |                                         | <del>10 OVER 30 UNDER</del>                                | <del>±0.25</del> | CHECKED BY<br>KTANAKA03                                                                                                          | DATE<br>2014/04/07 |                                                                 |                        |                                                                                                                 |              |
|                                                                                 |                                         | <del>30 OVER</del>                                         | <del>±0.3</del>  | APPROVED BY<br>KMORI KAWA                                                                                                        | DATE<br>2014/04/08 | <b>molex</b>                                                    |                        |                                                                                                                 |              |
|                                                                                 |                                         | <del>ANGULAR ±1°</del>                                     |                  | MATERIAL NO.                                                                                                                     |                    |                                                                 |                        |                                                                                                                 | DOCUMENT NO. |
|                                                                                 |                                         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                  | SEE CHART                                                                                                                        |                    | SD-505066-002                                                   |                        |                                                                                                                 | 3 OF 3       |
|                                                                                 |                                         | 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