

NOTES:  
1. MATERIAL: LCP VECTRA E840I.

2. USE GLOVES OR FINGER COTS WHEN HANDLING  
DO NOT TOUCH PART WITH BARE HANDS.

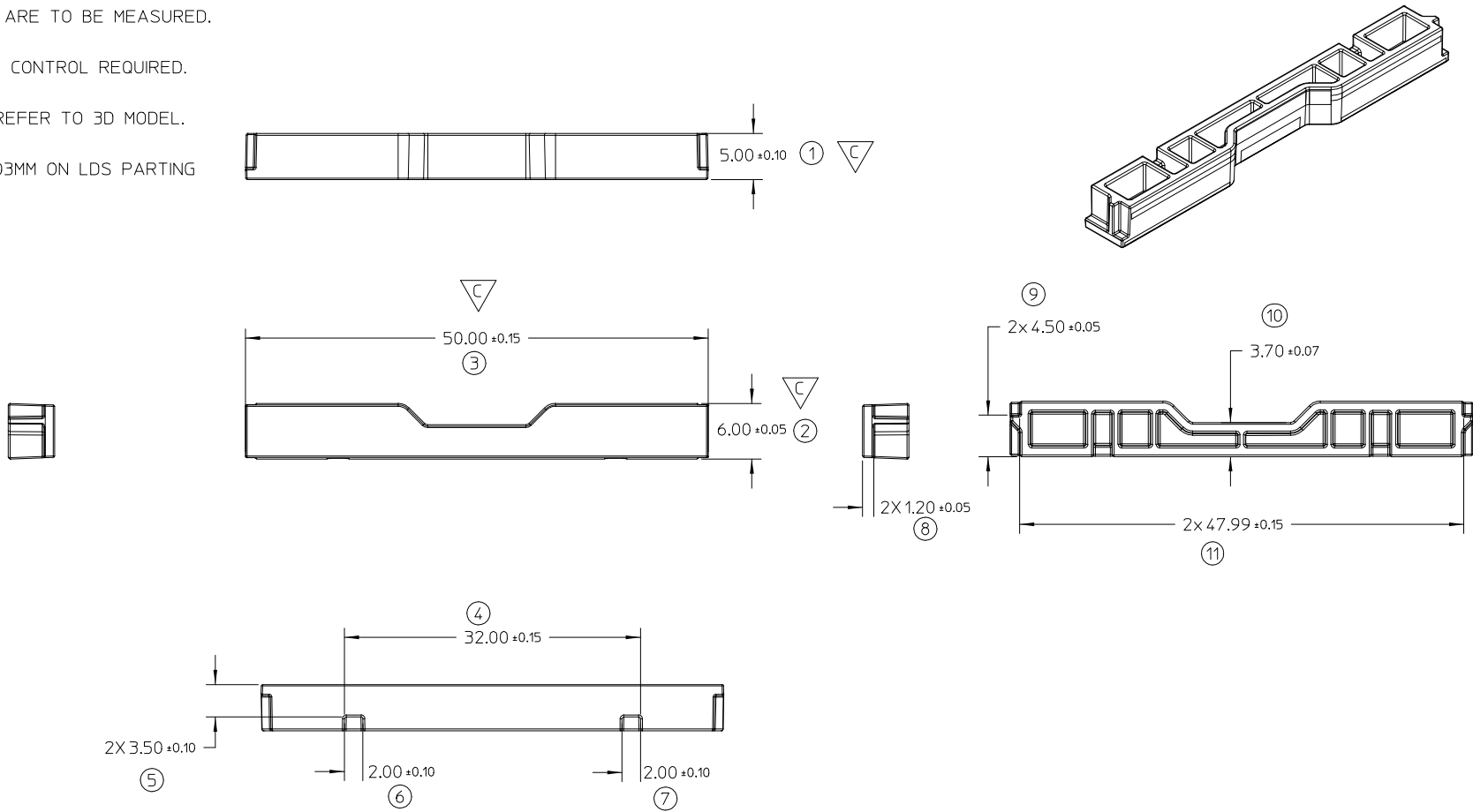
3. ONLY DIMENSIONS WITH A NUMBER ARE TO BE MEASURED.

4.  ONGOING STATISTICAL PROCESS CONTROL REQUIRED.

5. FOR COMPLETE PART GEOMETRY REFER TO 3D MODEL.

6. FLASH SHOULD BE LESS THAN 0.03MM ON LDS PARTING  
LINE AREAS.

| MOLEX        |     |              | CUSTOMER |     |            |        | DARWING | CHANGE DISCRIPTION | AFFECTED DFPT |
|--------------|-----|--------------|----------|-----|------------|--------|---------|--------------------|---------------|
| DRAWING NO   | REV | ECN NO       | DATE     | P/N | DRAWING NO | 3D REV | 2D REV  | LOCATION           |               |
| SD-47951-001 | A   | ABU2011-0109 | 20110520 | -   | -          | -      | -       | -                  | ME/PE/AQP/RE  |
|              |     |              |          |     |            |        |         | INITIAL RELEASE    |               |
|              |     |              |          |     |            |        |         |                    |               |
|              |     |              |          |     |            |        |         |                    |               |

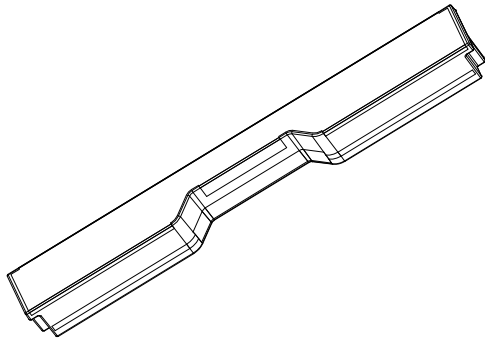
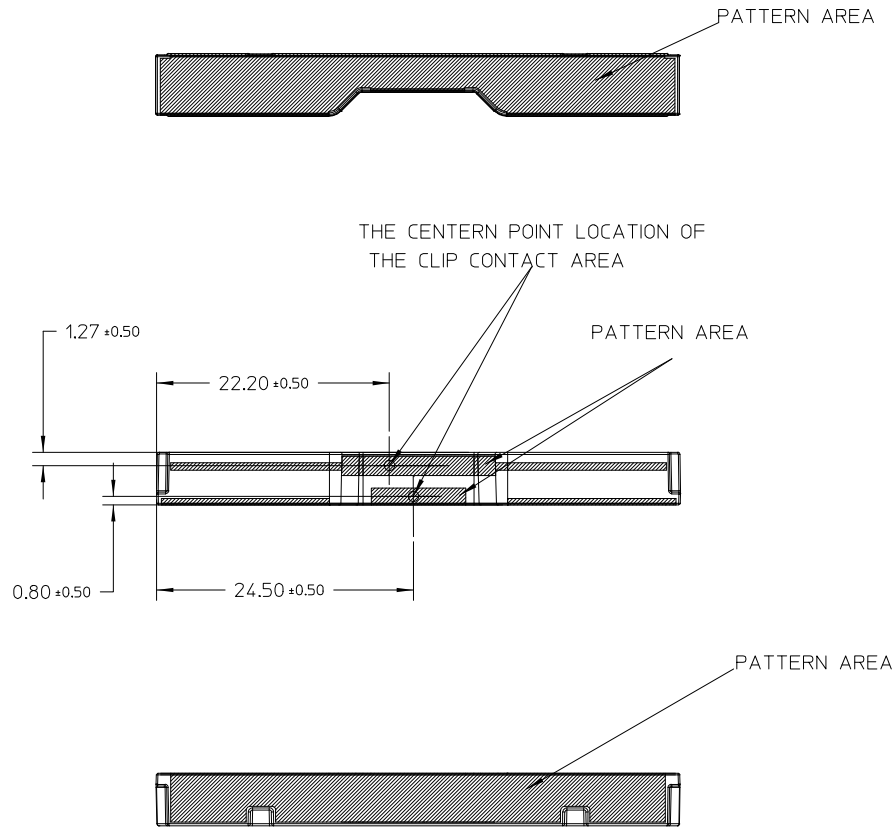


| TOLERANCE DIN 18901-110(MM) |      |           |
|-----------------------------|------|-----------|
| OVER                        | UPTO | TOLERANCE |
| 0                           | 1    | ±0.06     |
| 1                           | 3    | ±0.07     |
| 3                           | 6    | ±0.08     |
| 6                           | 10   | ±0.09     |
| 10                          | 15   | ±0.10     |
| 15                          | 22   | ±0.11     |
| 22                          | 30   | ±0.12     |
| 30                          | 40   | ±0.13     |
| 40                          | 53   | ±0.14     |
| 53                          | 70   | ±0.15     |

|      |                   |                      |               |
|------|-------------------|----------------------|---------------|
| 1    | 479510004         | N/A                  | AFTER MOLDING |
| 2    | 479510003         | N/A                  | AFTER LDS     |
| 3    | 479510002         | N/A                  | AFTER PLATED  |
| 4    | 479510001         | N/A                  | AFTER TEST    |
| ITEM | MOLEX PART NUMBER | MOTO DOCUMENT NUMBER | DESCRIPTION   |

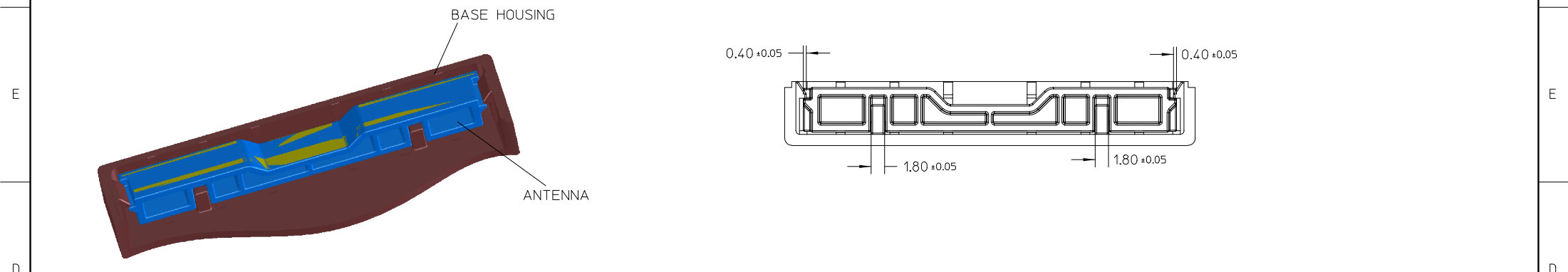
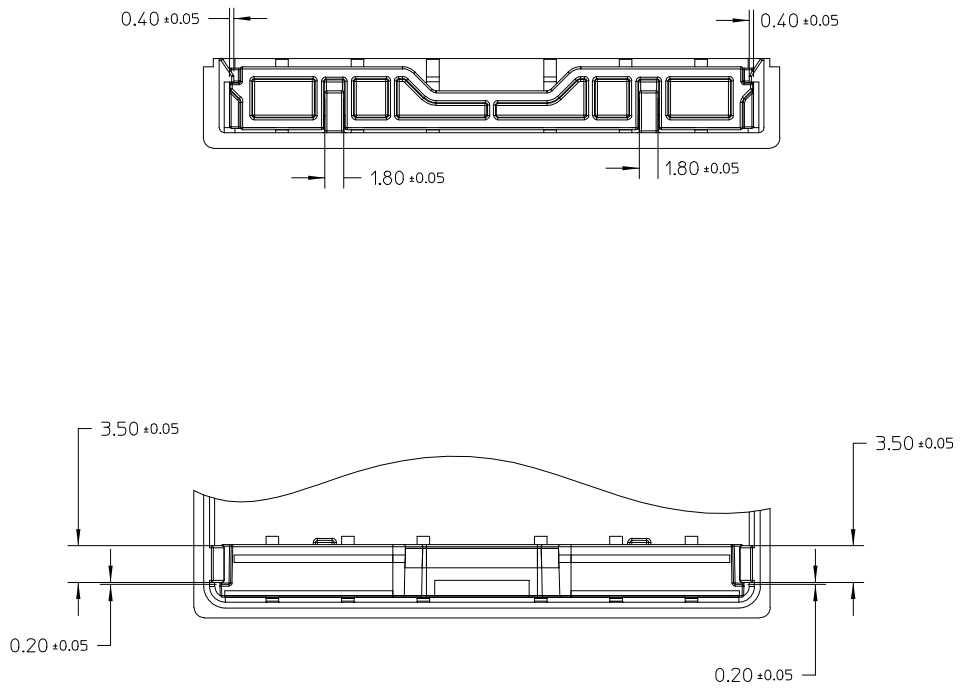
|                                                                                                |   |                        |                                       |                                                                                                                               |                    |                 |                        |              |                                 |                        |  |  |
|------------------------------------------------------------------------------------------------|---|------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|------------------------|--------------|---------------------------------|------------------------|--|--|
| ENTER DESCRIPTION<br>EC NO:ABU2011-0109<br>DRWN:COOPERZHOU<br>CHKD:ERIC SHI<br>APPR:WELSON TAN |   | DESCRIPTION            | QUALITY SYMBOLS<br><br>▽ = 3<br>▲ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |                    | DIMENSION STYLE |                        | SCALE<br>2:1 | DESIGN UNITS                    | THIRD ANGLE PROJECTION |  |  |
|                                                                                                |   |                        |                                       |                                                                                                                               | mm                 | INCH            | DRAWN BY      DATE     |              | TITLE                           |                        |  |  |
|                                                                                                |   |                        |                                       | 4 PLACES                                                                                                                      | ±                  | ±               | COOPERZHOU    20110520 |              |                                 |                        |  |  |
|                                                                                                |   |                        |                                       | 3 PLACES                                                                                                                      | ±                  | ±               | CHECKED BY      DATE   |              | MOBILE TV ANTENNA AFTER MOLDING |                        |  |  |
|                                                                                                |   |                        |                                       | 2 PLACES                                                                                                                      | ±                  | ±               | ERIC SHI    20110520   |              |                                 |                        |  |  |
| 1 PLACE                                                                                        | ± | ±                      | APPROVED BY      DATE                 |                                                                                                                               | MOLEX INCORPORATED |                 |                        |              |                                 |                        |  |  |
| ANGULAR ±      °                                                                               |   | welson tan    20110520 |                                       | MOLEX                                                                                                                         |                    |                 |                        |              |                                 |                        |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                     |   | REV                    |                                       | MATERIAL NO.                                                                                                                  |                    | DOCUMENT NO.    |                        | SHEET NO.    |                                 |                        |  |  |
|                                                                                                |   |                        |                                       | SEE TABLE                                                                                                                     |                    | SD-47951-001    |                        | 1 OF 3       |                                 |                        |  |  |
|                                                                                                |   |                        |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                 |                        |              |                                 |                        |  |  |

- NOTES:
1. TOLERANCE  
PATTERN TO PART EDGE : +/-0.15 mm;  
PATTERN TO PATTERN : +/-0.10 mm.
2. PLATING  
Cu 12 MIN  $\mu$ M;  
MEDIUM PHOS-Ni 2 MIN  $\mu$ M ;



|                                                                                                  |  |  |  |                    |                 |  |                                       |  |    |                 |      |                                                                                                                               |             |              |          |                        |                              |  |  |  |
|--------------------------------------------------------------------------------------------------|--|--|--|--------------------|-----------------|--|---------------------------------------|--|----|-----------------|------|-------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|----------|------------------------|------------------------------|--|--|--|
| ENTER DESCRIPTION<br>EC NO:ABU2011-0109<br>DRWN:COOPERZHOU<br>CHK'D:ERIC SHI<br>APPR: WELSON TAN |  |  |  | DESCRIPTION<br>REV | QUALITY SYMBOLS |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |    | DIMENSION STYLE |      | SCALE 2:1                                                                                                                     |             | DESIGN UNITS |          | THIRD ANGLE PROJECTION |                              |  |  |  |
|                                                                                                  |  |  |  |                    | =0              |  |                                       |  | mm |                 | INCH |                                                                                                                               | DRAWN BY    |              | DATE     |                        | MOBILE TV ANTENNA AFTER TEST |  |  |  |
|                                                                                                  |  |  |  |                    | =0              |  | 4 PLACES                              |  | ±  |                 | ±    |                                                                                                                               | COOPER ZHOU |              | 20110520 |                        |                              |  |  |  |
|                                                                                                  |  |  |  |                    | =0              |  | 3 PLACES                              |  | ±  |                 | ±    |                                                                                                                               | CHECKED BY  |              | DATE     |                        | MOLEX INCORPORATED           |  |  |  |
|                                                                                                  |  |  |  |                    | =0              |  | 2 PLACES                              |  | ±  |                 | ±    |                                                                                                                               | Eric shi    |              | 20110520 |                        |                              |  |  |  |
|                                                                                                  |  |  |  |                    | =0              |  | 1 PLACE                               |  | ±  |                 | ±    |                                                                                                                               | APPROVED BY |              | DATE     |                        | molex MOLEX INCORPORATED     |  |  |  |
|                                                                                                  |  |  |  |                    | =0              |  |                                       |  |    |                 |      |                                                                                                                               | welson tan  |              | 20110520 |                        |                              |  |  |  |
|                                                                                                  |  |  |  |                    |                 |  |                                       |  |    |                 |      |                                                                                                                               |             |              |          |                        | SEE THE TABLE OF SHEET1      |  |  |  |
|                                                                                                  |  |  |  |                    |                 |  |                                       |  |    |                 |      |                                                                                                                               |             |              |          |                        |                              |  |  |  |
|                                                                                                  |  |  |  |                    |                 |  |                                       |  |    |                 |      |                                                                                                                               |             |              |          |                        | 2 OF 3                       |  |  |  |
|                                                                                                  |  |  |  |                    |                 |  |                                       |  |    |                 |      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |              |          |                        |                              |  |  |  |

NOTE:  
ASSY STRUCTURER ONLY FOR REFERENCE.



B

A

|                                                                                                  |             |                                                            |            |                                       |              |                 |                                                                                                                               |                                                  |              |                        |  |  |
|--------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|------------|---------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------|------------------------|--|--|
| ENTER DESCRIPTION<br>EC NO:ABU2011-0109<br>DRWN:COOPER ZHOU<br>CHK'D:ERIC SHI<br>APPR:WELSON TAN | DESCRIPTION | QUALITY SYMBOLS                                            |            | GENERAL TOLERANCES (UNLESS SPECIFIED) |              | DIMENSION STYLE |                                                                                                                               | SCALE<br>2:1                                     | DESIGN UNITS | THIRD ANGLE PROJECTION |  |  |
|                                                                                                  |             | <br>$F_A=0$                                                |            | mm                                    | INCH         | DRAWN BY        | DATE                                                                                                                          | TITLE<br><br>ASSY STRUCTURE(ONLY FOR REFERENCE ) |              |                        |  |  |
|                                                                                                  |             |                                                            | 4 PLACES   | ±                                     | ±            | COOPERZHOU      | 20110520                                                                                                                      |                                                  |              |                        |  |  |
|                                                                                                  |             |                                                            | 3 PLACES   | ±                                     | ±            | CHECKED BY      | DATE                                                                                                                          |                                                  |              |                        |  |  |
|                                                                                                  |             |                                                            | 2 PLACES   | ±                                     | ±            | ERIC SHI        | 20110520                                                                                                                      |                                                  |              |                        |  |  |
|                                                                                                  | <br>$F_F=0$ | 1 PLACE                                                    | ±          | ±                                     | APPROVED BY  | DATE            | MOLEX INCORPORATED                                                                                                            |                                                  |              |                        |  |  |
|                                                                                                  | ANGULAR ± ° |                                                            | WELSON TAN |                                       | 20110520     |                 |                                                                                                                               |                                                  |              |                        |  |  |
|                                                                                                  | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |            |                                       | MATERIAL NO. |                 | DOCUMENT NO.                                                                                                                  |                                                  | SHEET NO.    |                        |  |  |
|                                                                                                  |             |                                                            |            |                                       | SEE TABLE    |                 | SD-47951-001                                                                                                                  |                                                  | 3 OF 3       |                        |  |  |
|                                                                                                  |             |                                                            |            |                                       | SIZE         |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                  |              |                        |  |  |
|                                                                                                  |             |                                                            | A3         |                                       |              |                 |                                                                                                                               |                                                  |              |                        |  |  |
|                                                                                                  |             |                                                            |            |                                       |              |                 |                                                                                                                               |                                                  |              |                        |  |  |