

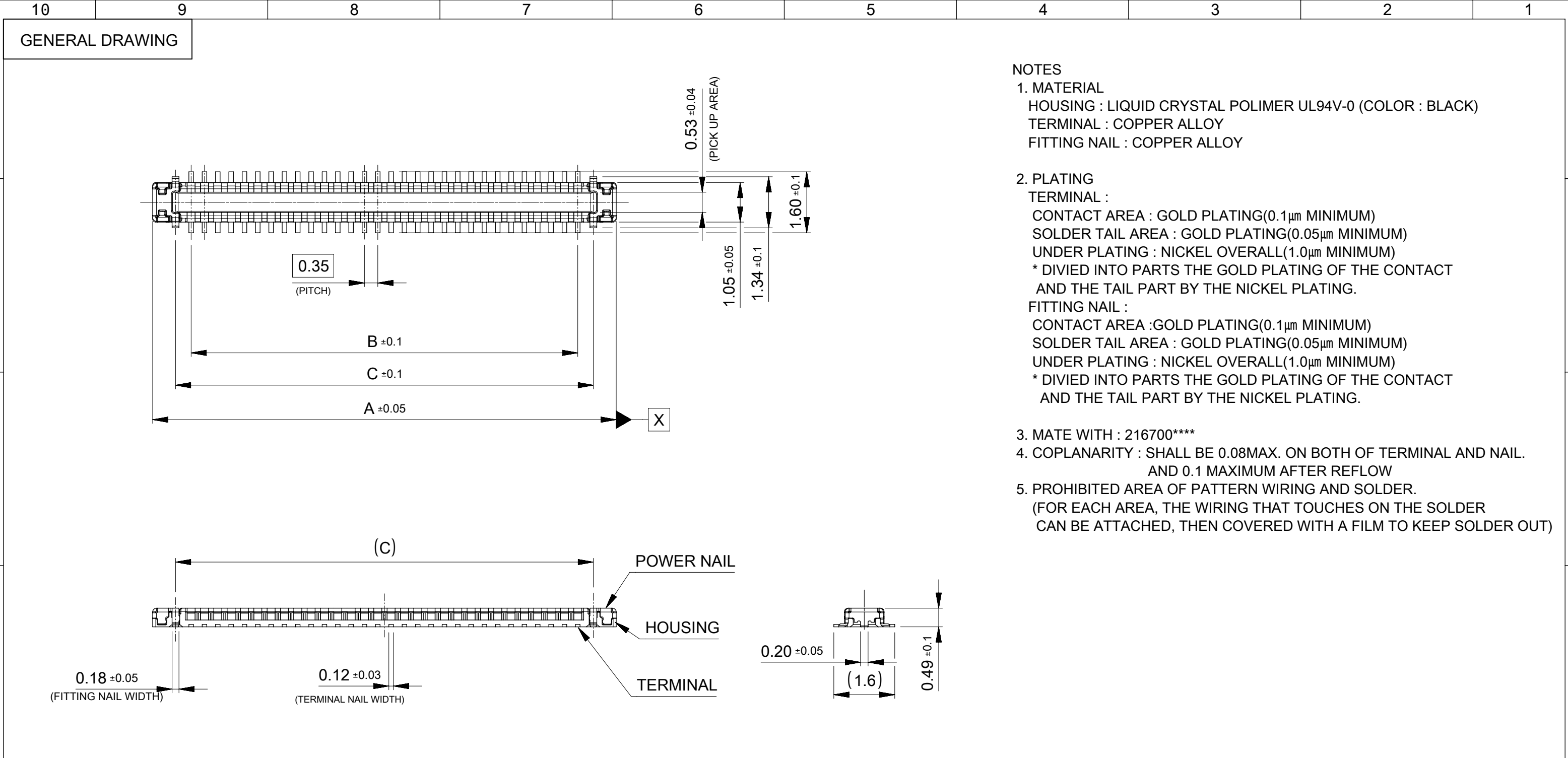
1. MATERIAL
HOUSING : LIQUID CRYSTAL POLIMER UL94V-0 (COLOR : BLACK)
TERMINAL : COPPER ALLOY
FITTING NAIL : COPPER ALLOY

TERMINAL :
CONTACT AREA : GOLD PLATING(0.1µm MINIMUM)
SOLDER TAIL AREA : GOLD PLATING(0.05µm MINIMUM)
UNDER PLATING : NICKEL OVERALL(1.0µm MINIMUM)
* DIVIED INTO PARTS THE GOLD PLATING OF THE CONTACT
AND THE TAIL PART BY THE NICKEL PLATING.

FITTING NAIL :
CONTACT AREA :GOLD PLATING(0.1µm MINIMUM)
SOLDER TAIL AREA : GOLD PLATING(0.05µm MINIMUM)
UNDER PLATING : NICKEL OVERALL(1.0µm MINIMUM)
* DIVIED INTO PARTS THE GOLD PLATING OF THE CONTACT
AND THE TAIL PART BY THE NICKEL PLATING.

4. COPLANARITY : SHALL BE 0.08MAX. ON BOTH OF TERMINAL AND NAIL.
AND 0.1 MAXIMUM AFTER REFLOW

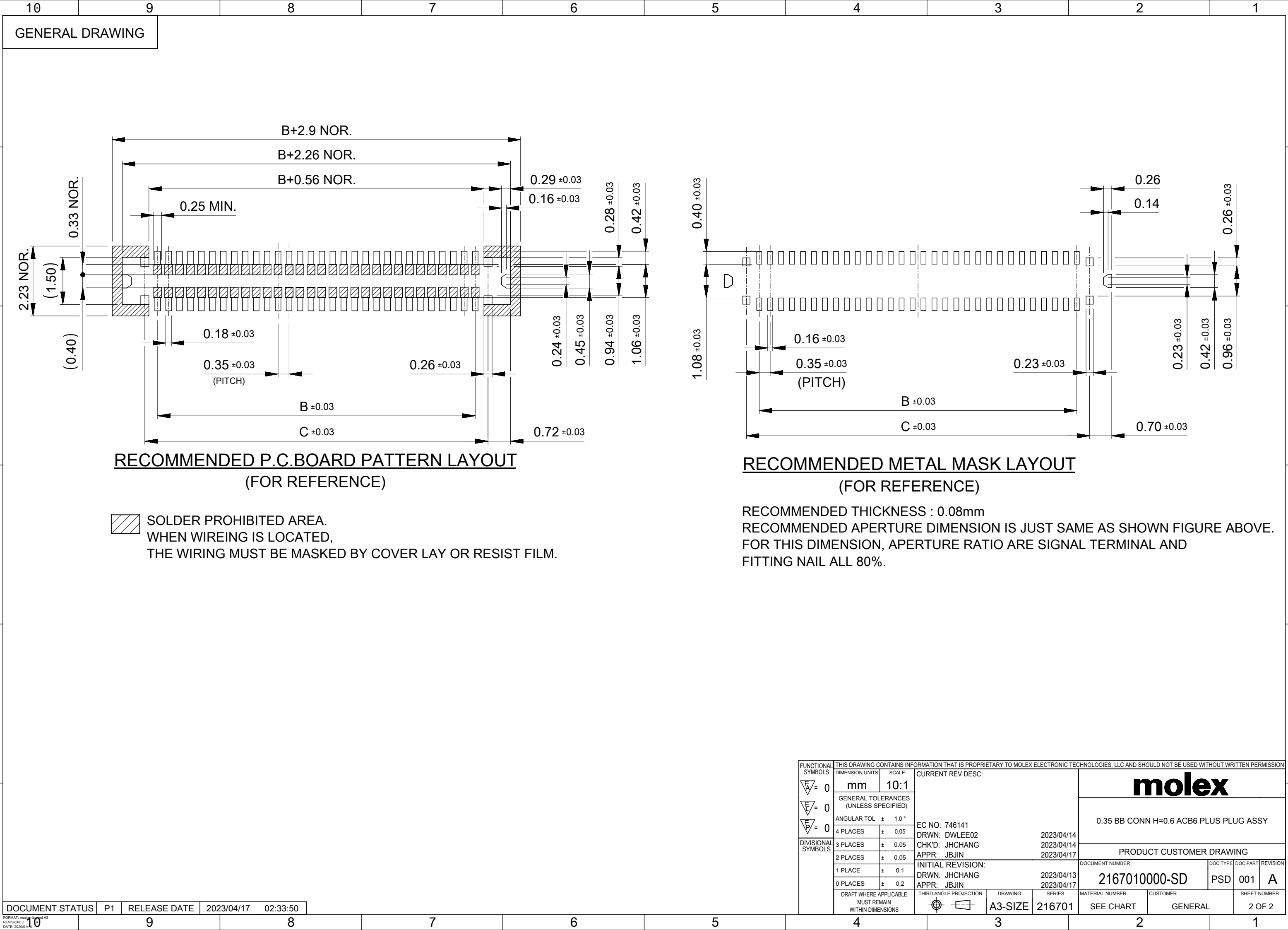
5. PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT)



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|-----------------------------------|-------|--------------|------------------------|--------------------|---------------|------|
| 10.97 | 10.15 | 12.17 | 2167010609 | --- | O | 60 |
| 9.92 | 9.10 | 11.12 | 2167010549 | O | --- | 54 |
| 9.22 | 8.40 | 10.42 | 2167010509 | O | --- | 50 |
| 7.47 | 6.65 | 8.67 | 2167010409 | O | --- | 40 |
| 5.72 | 4.90 | 6.92 | 2167010309 | --- | O | 30 |
| 4.67 | 3.85 | 5.87 | 2167010249 | --- | O | 24 |
| 3.97 | 3.15 | 5.17 | 2167010209 | O | --- | 20 |
| 2.22 | 1.40 | 3.42 | 2167010109 | --- | O | 10 |
| C | B | A | EMBOSSSED TAPE PACKAGE | HIGH VOL. TOOL | LOW VOL. TOOL | Ckts |
| | | | ORDER No. | SAMPLE PREPARATION | | |
| | | | | O : TOOLED | | |
| | | | | □ : WORK PROCESS | | |
| --- : TOOLING TO BE CONFIRMED | | | | | | |
| CONNECTOR SERIES No. : 2167010*** | | | | | | |
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/04/17 | 02:33:50 | | |

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| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | |
| | DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | <div>molex</div> <div>0.35 BB CONN H=0.6 ACB6 PLUS PLUG ASSY</div> | | | |
| | mm | | 10:1 | | | | | | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | |
| | ANGULAR TOL ± 1.0 ° | | | | | | | | | | |
| <div><div>F</div><div>A</div><div>= 0</div></div> | 4 PLACES ± 0.05 | | EC NO: 746141 | | | PRODUCT CUSTOMER DRAWING | | | | | |
| <div><div>F</div><div>E</div><div>= 0</div></div> | 3 PLACES ± 0.05 | | DRWN: DWLEE02 2023/04/14 | | | | | | | | |
| <div><div>F</div><div>F</div><div>= 0</div></div> | 2 PLACES ± 0.05 | | CHK'D: JHCHANG 2023/04/14 | | | DOCUMENT NUMBER | | | DOC TYPE | DOC PART | REVISION |
| 1 PLACE ± 0.1 | | APPR: JBJIN 2023/04/17 | | | | | | | | | |
| DIVISIONAL SYMBOLS | 0 PLACES ± 0.2 | | INITIAL REVISION: | | | 2167010000-SD | | PSD | 001 | A | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRWN: JHCHANG 2023/04/13 | | | | | | | | |
| | | | APPR: JBJIN 2023/04/17 | | | | | | | | |
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GENERAL DRAWING

RECOMMENDED P.C.BOARD PATTERN LAYOUT
(FOR REFERENCE)

SOLDER PROHIBITED AREA.
WHEN WIREING IS LOCATED,
THE WIRING MUST BE MASKED BY COVER LAY OR RESIST FILM.

RECOMMENDED METAL MASK LAYOUT
(FOR REFERENCE)

RECOMMENDED THICKNESS : 0.08mm
RECOMMENDED APERTURE DIMENSION IS JUST SAME AS SHOWN FIGURE ABOVE.
FOR THIS DIMENSION, APERTURE RATIO ARE SIGNAL TERMINAL AND
FITTING NAIL ALL 80%.

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|--|--|--|--|--|--|---|--|---------|--|-----------|--|---|--|----------|--|--------------|--|----------|--|----------|--|
| FUNCTIONAL SYMBOLS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div> | | DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div>0.35 BB CONN H=0.6 ACB6 PLUS PLUG ASSY</div></div> | | | | | | | | | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | mm | | 10:1 | | EC NO: 746141 DRWN: DWLEE022023/04/14 CHK'D: JHCHANG2023/04/14 APPR: JBJIN2023/04/17 | | | | | | | | | | | | | | | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | |
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| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | 4 PLACES | | ± 0.05 | | | | | | | | | | | | | | | | | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | 3 PLACES | | ± 0.05 | | | | | | | | | | | | | | | | | |
| DIVISIONAL SYMBOLS | | 2 PLACES | | ± 0.05 | | INITIAL REVISION: DRWN: JHCHANG2023/04/13 APPR: JBJIN2023/04/17 | | | | | | PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | 1 PLACE | | ± 0.1 | | | | | | | | DOCUMENT NUMBER | | | | DOC TYPE | | DOC PART | | REVISION | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | 0 PLACES | | ± 0.2 | | | | | | | | 2167010000-SD | | | | PSD | | 001 | | A | |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | |
| | | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> | | A3-SIZE | | 216701 | | SEE CHART | | GENERAL | | 2 OF 2 | | | | | | | |

