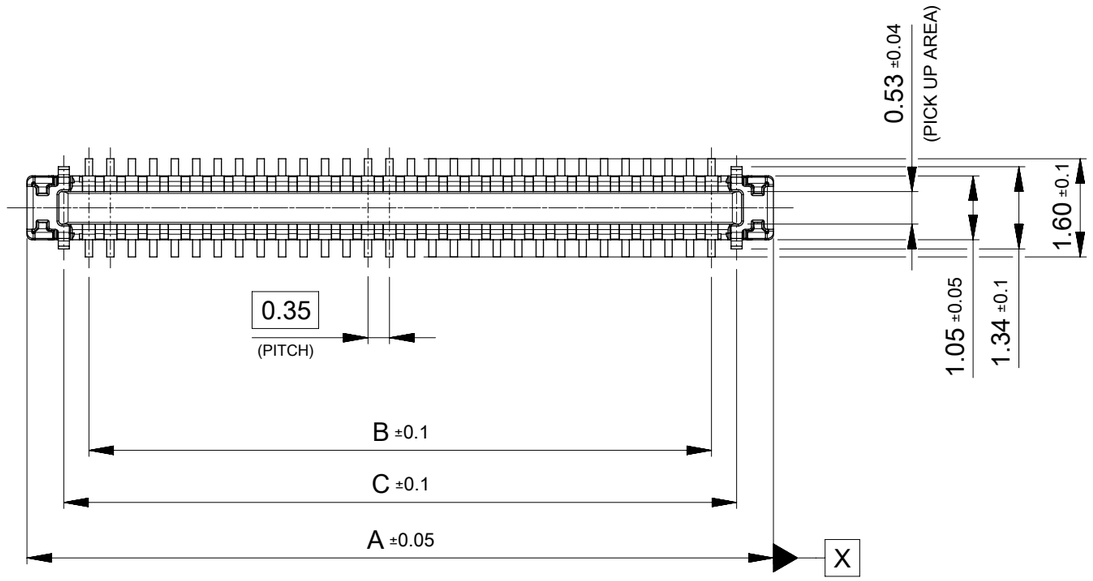
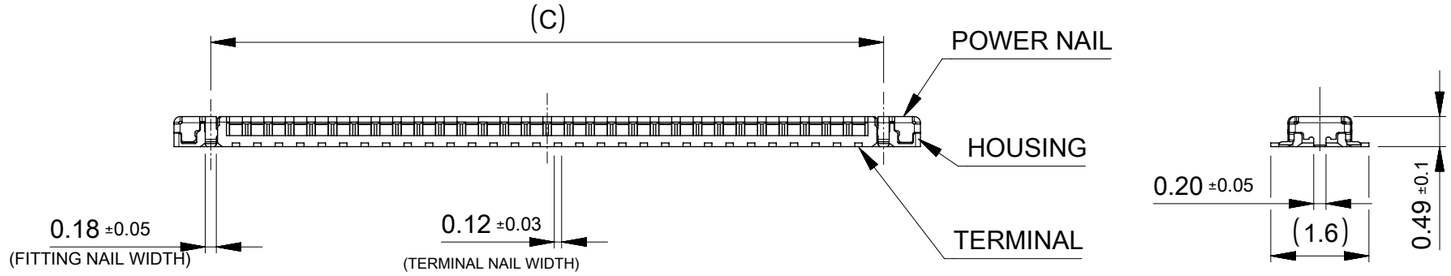
GENERAL DRAWING




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

2. PLATING
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.

3. MATE WITH : 216700****
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)

| | | | | | | |
|---|---|---|---|---|---|---|
| 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 | EMBOSSED TAPE PACKAGE | HIGH VOL. TOOL | LOW VOL. TOOL | Ckts |
| | | | ORDER No. | SAMPLE PREPARATION<br>O : TOOLED<br>□ : WORK PROCESS<br>--- : 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
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 10:1
GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | 1.0 ° |
| 4 PLACES | ± | 0.05 |
| 3 PLACES | ± | 0.05 |
| 2 PLACES | ± | 0.05 |
| 1 PLACE | ± | 0.1 |
| 0 PLACES | ± | 0.2 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 746141
DRWN: DWLEE02 2023/04/14
CHK'D: JHCHANG 2023/04/14
APPR: JBJIN 2023/04/17

INITIAL REVISION:
DRWN: JHCHANG 2023/04/13
APPR: JBJIN 2023/04/17

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 216701

molex

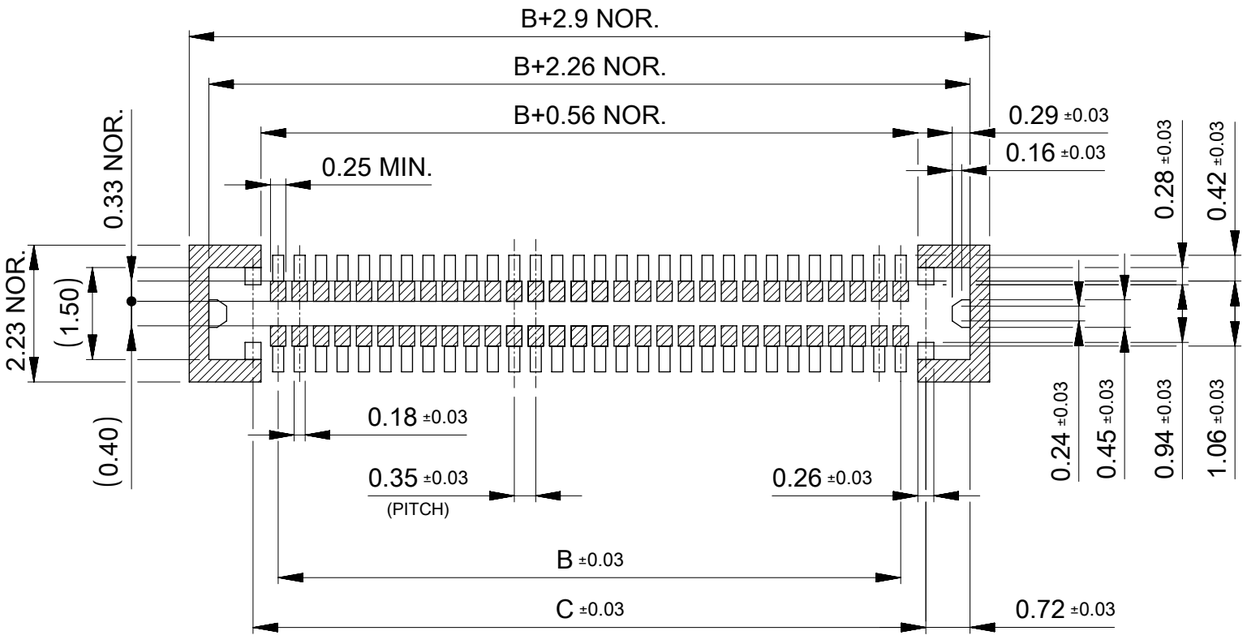
0.35 BB CONN H=0.6 ACB6 PLUS PLUG ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2167010000-SD | PSD | 001 | A |

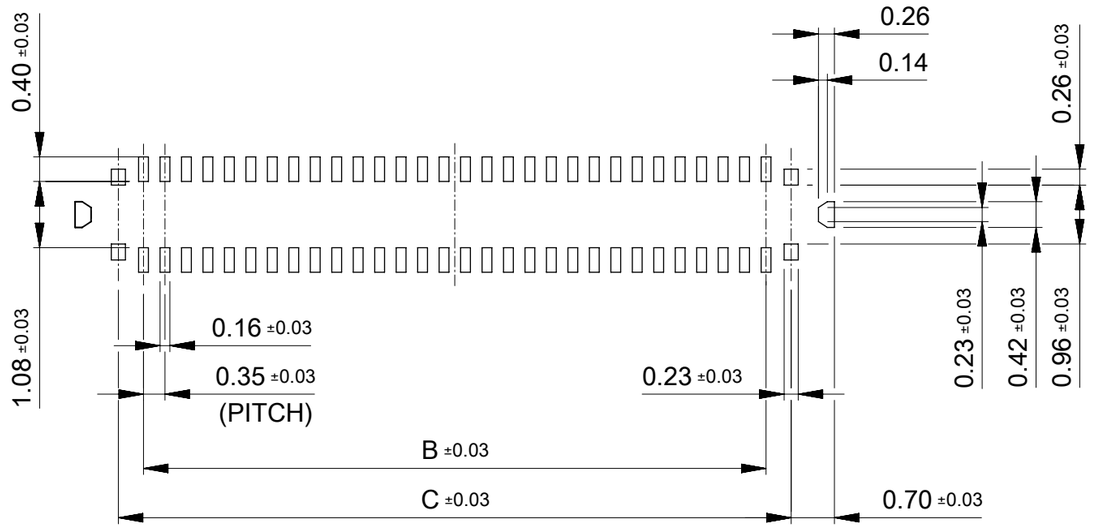
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL | 1 OF 2 |

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%.

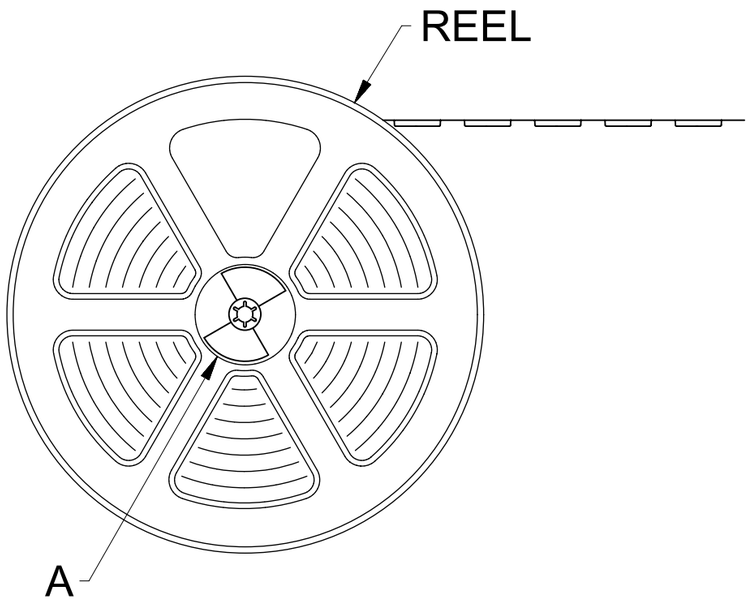
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| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/04/17 02:33:50 | | | | | |

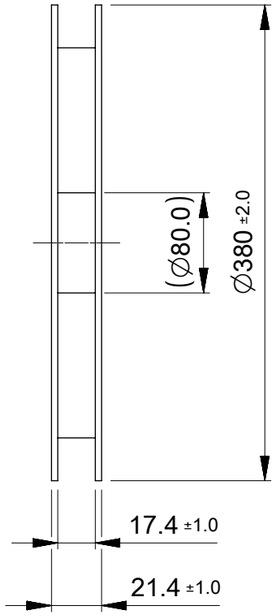
FORMAT: master-sheet-A3
REVISION: J
DATE: 2020/01/14

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |
| DIVISIONAL SYMBOLS | DIMENSION UNITS: mm | SCALE: 10:1 | CURRENT REV DESC: | | molex | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | 0.35 BB CONN H=0.6 ACB6 PLUS PLUG ASSY | | | |
| | ANGULAR TOL ± 1.0 ° | | EC NO: 746141 | | PRODUCT CUSTOMER DRAWING | | | |
| | 4 PLACES ± 0.05 | | DRWN: DWLEE02 2023/04/14 | | DOCUMENT NUMBER: 2167010000-SD | DOC TYPE: PSD | DOC PART: 001 | REVISION: A |
| | 3 PLACES ± 0.05 | | CHK'D: JHCHANG 2023/04/14 | | | | | |
| | 2 PLACES ± 0.05 | | APPR: JBJIN 2023/04/17 | | | | | |
| | 1 PLACE ± 0.1 | | INITIAL REVISION: | | | | | |
| | 0 PLACES ± 0.2 | | DRWN: JHCHANG 2023/04/13 | | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: JBJIN 2023/04/17 | | | | | |
| | | | THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 216701 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL | SHEET NUMBER: 2 OF 2 |

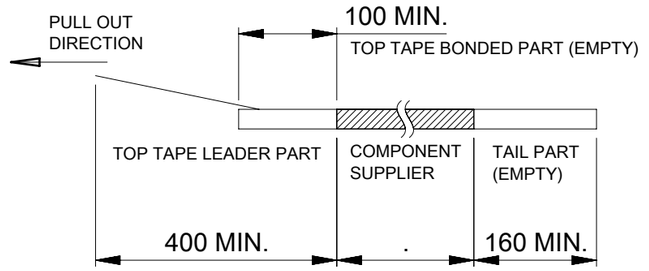
GENERAL DRAWING

# ⇨ PULL OUT DIRECTION

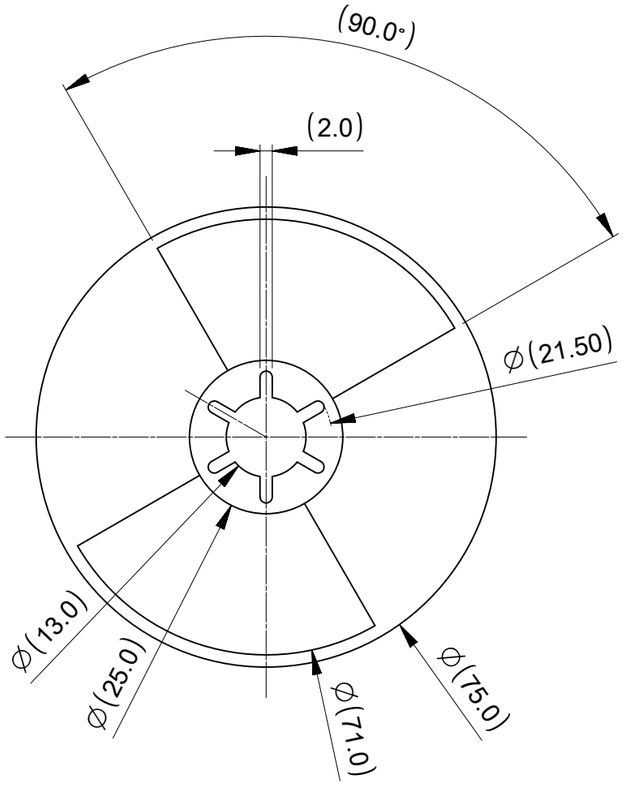



NOTES
1. RE DETAILED DIMESION, SEE PRODUCT DRAWING.
2. NUMBER OF CONNECTORS : 20,000PCS/REEL
3. LEAD TAPE LENGTH :




4. PEEL OFF FORCE OF THE TOP TAPE IS DEFINDED BY IEC 60286-3.
5. MATERIAL
   - CARRIER TAPE : POLYSTYRENE OR PET
   - TOP TAPE : PET, OTHER
   - REEL : POLYSTYRENE(PS) [RECYCLE MATERIAL CONTAINED]




DETAIL "A"

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| | | | |
|---|---|---|---|
| FUNCTIONAL SYMBOLS | FA = 0 | DIMENSION UNITS | mm |
| | FC = 0 | SCALE | 1:1 |
| | FP = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| DIVISIONAL SYMBOLS | | ANGULAR TOL | ± 1.0 ° |
| | | 4 PLACES | ± 0.05 |
| | | 3 PLACES | ± 0.05 |
| | | 2 PLACES | ± 0.05 |
| | | 1 PLACE | ± 0.1 |
| | | 0 PLACES | ± 0.2 |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

CURRENT REV DESC:

EC NO: 746141
DRWN: DWLEE02 2023/04/14
CHK'D: JHCHANG 2023/04/14
APPR: JBJIN 2023/04/17

INITIAL REVISION:
DRWN: JHCHANG 2023/04/13
APPR: JBJIN 2023/04/17

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 216701

molex

0.35 BB CONN H=0.6 ACB6 PLUS PLUG PKG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
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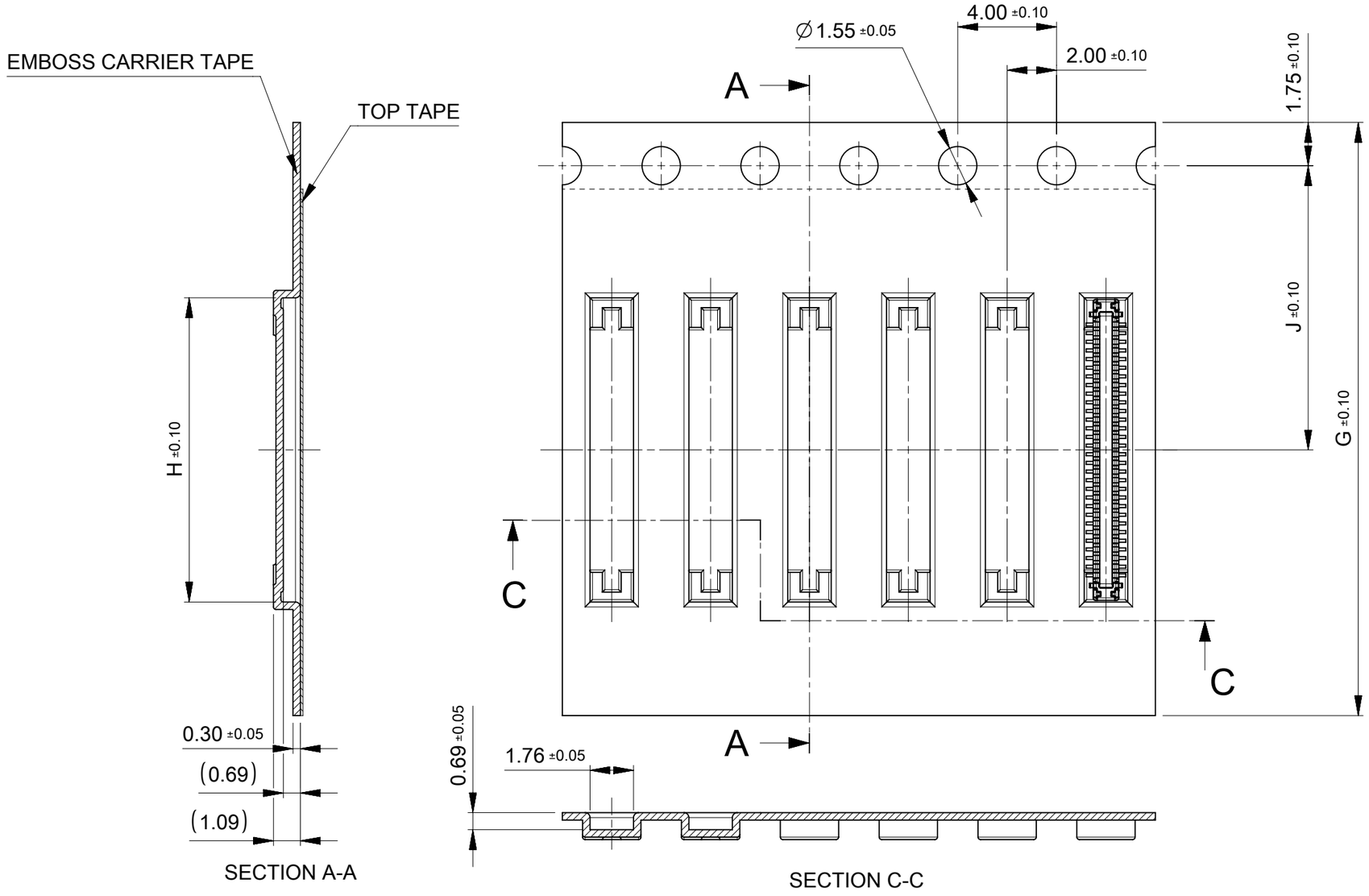
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET2 | GENERAL | 1 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/04/17 02:33:51 |
|---|---|---|---|

FORMAT: tb-PSD_A
REVISION: J
DATE: 2020/01/16

GENERAL DRAWING

# PULL OUT DIRECTION ⇨




| H | J | G | EMBOSSED TAPE PACKAGE | HIGH VOL. TOOL | LOW VOL. TOOL | Ckts |
|---|---|---|---|---|---|---|
| | | | ORDER No. | SAMPLE PREPARATION<br>O : TOOLED<br>□ : WORK PROCESS<br>--- : TOOLING TO BE CONFIRMED | | |
| | | | CONNECTOR SERIES No. : 216701**** | | | |
| 12.31 | 11.50 | 24.00 | 2167010609 | --- | O | 60 |
| 11.26 | | | 2167010549 | O | --- | 54 |
| 10.56 | | | 2167010509 | O | --- | 50 |
| 8.81 | | | 2167010409 | O | --- | 40 |
| 7.06 | 9.25 | 16.00 | 2167010309 | --- | O | 30 |
| 6.01 | | | 2167010249 | --- | O | 24 |
| 5.34 | | | 2167010209 | O | --- | 20 |
| 3.56 | | | 2167010109 | --- | O | 10 |

DOCUMENT STATUS | P1 | RELEASE DATE | 2023/04/17 02:33:51

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FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0

DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 5:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | 1.0 ° |
| 4 PLACES | ± | 0.05 |
| 3 PLACES | ± | 0.05 |
| 2 PLACES | ± | 0.05 |
| 1 PLACE | ± | 0.1 |
| 0 PLACES | ± | 0.2 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 746141
DRWN: DWLEE02 2023/04/14
CHK'D: JHCHANG 2023/04/14
APPR: JBJIN 2023/04/17

INITIAL REVISION:
DRWN: JHCHANG 2023/04/13
APPR: JBJIN 2023/04/17

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 216701

molex

0.35 BB CONN H=0.6 ACB6 PLUS PLUG PKG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2167010001-SD | PSD | 001 | A |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET2 | GENERAL | 2 OF 2 |

FORMAT: master-Sheet-A3
REVISION: J
DATE: 2020/01/14