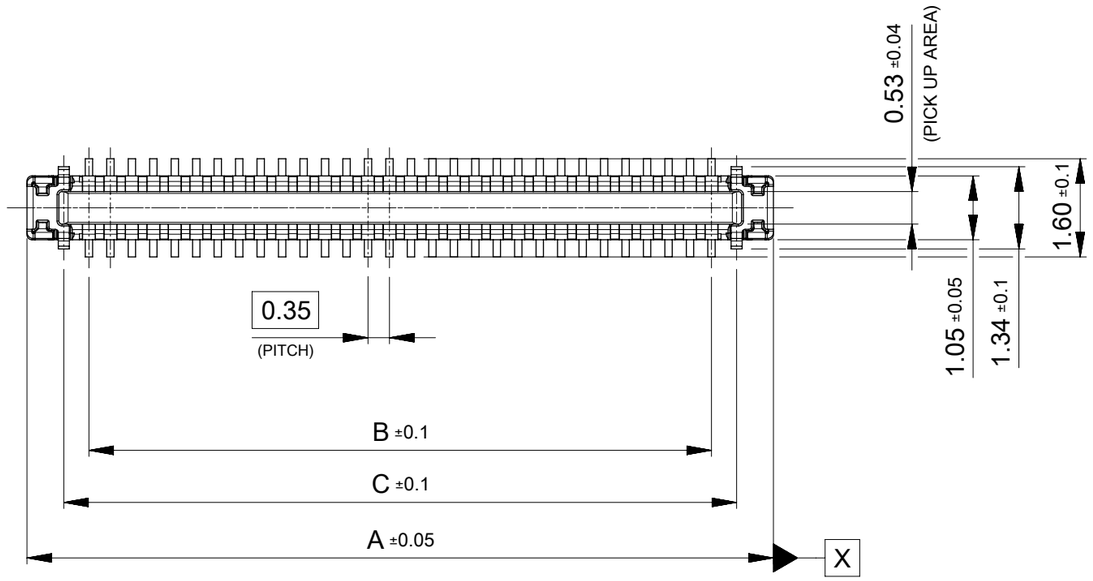
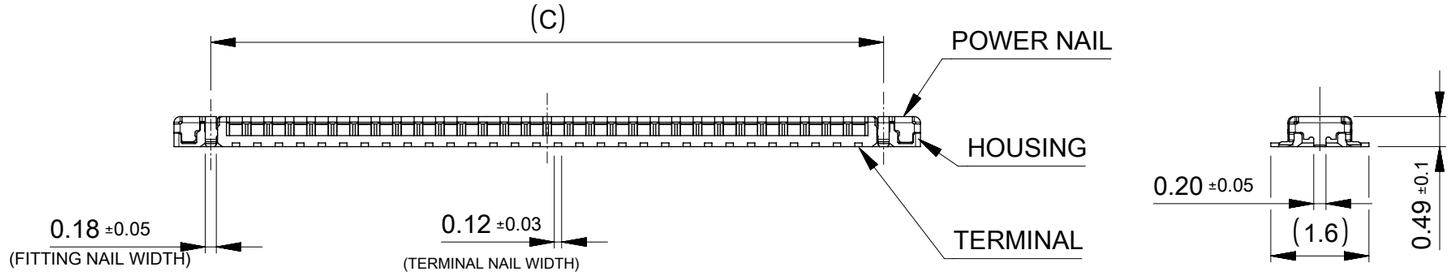
GENERAL DRAWING





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 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
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

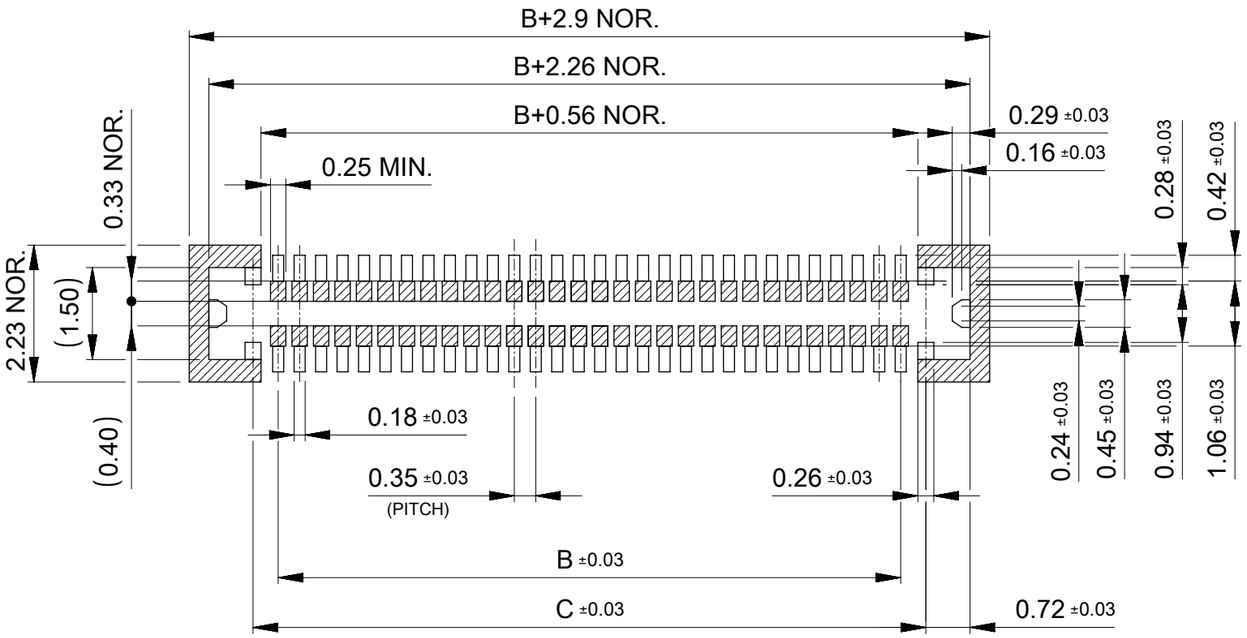
0.35 BB CONN H=0.6 ACB6 PLUS PLUG ASSY

PRODUCT CUSTOMER DRAWING

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

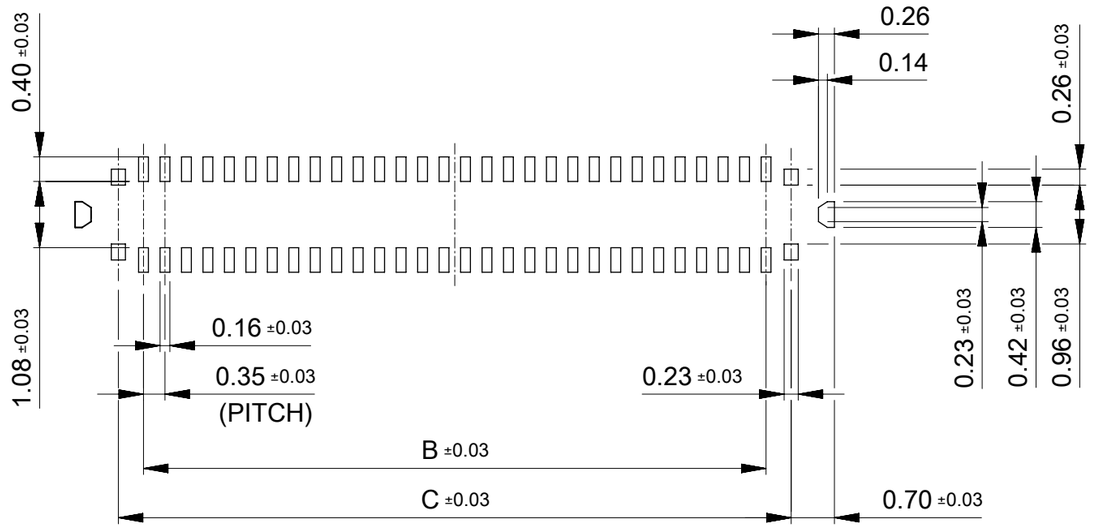
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	1 OF 2

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%.

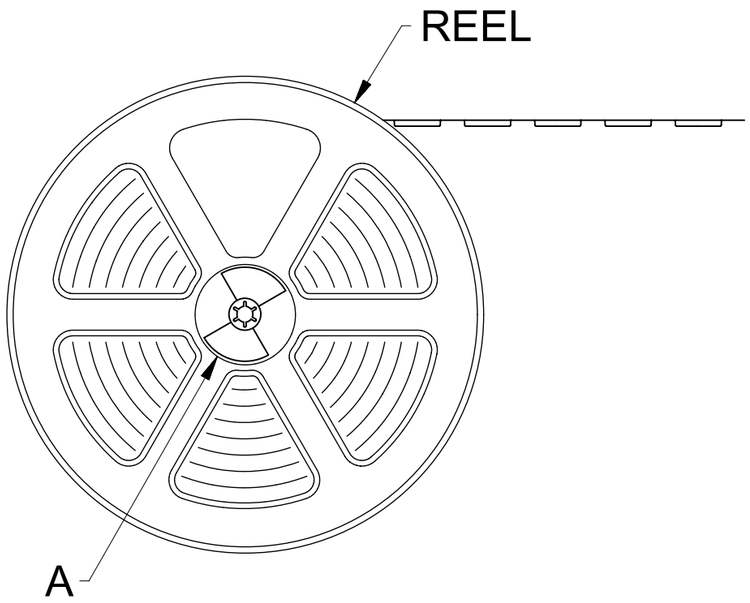
DOCUMENT STATUS	P1	RELEASE DATE	2023/04/17 02:33:50					

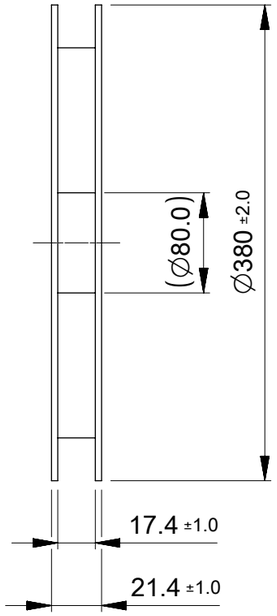
FORMAT: master-sheet-A3
REVISION: J
DATE: 2020/01/14

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

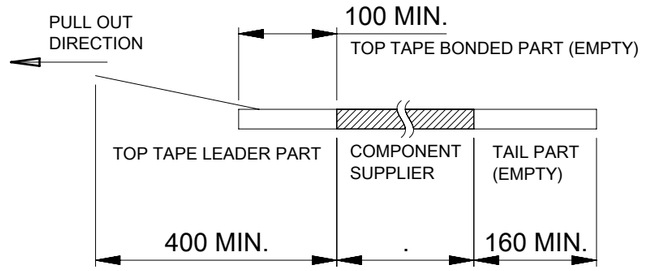
GENERAL DRAWING

⇨ PULL OUT DIRECTION

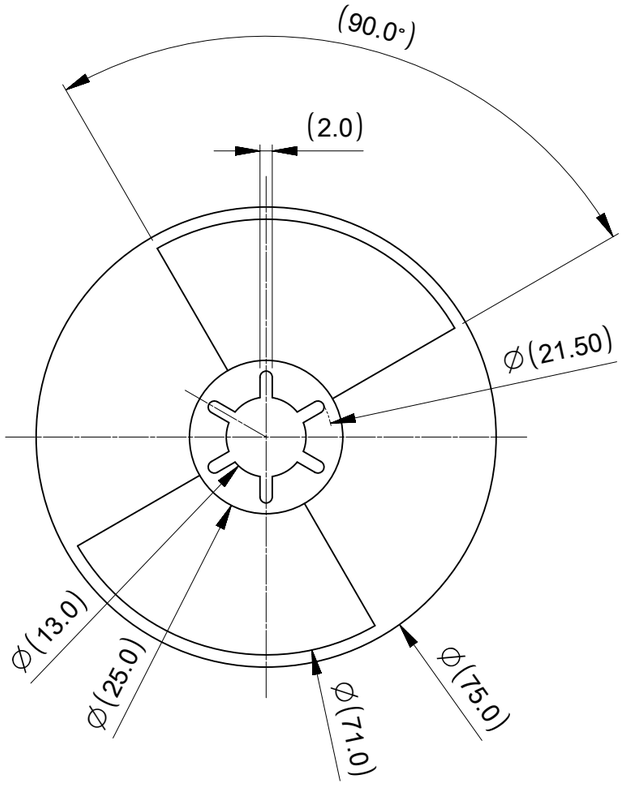




NOTES
1. RE DETAILED DIMESION, SEE PRODUCT DRAWING.
2. NUMBER OF CONNECTORS : 20,000PCS/REEL
3. LEAD TAPE LENGTH :



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
2167010001-SD	PSD	001	A

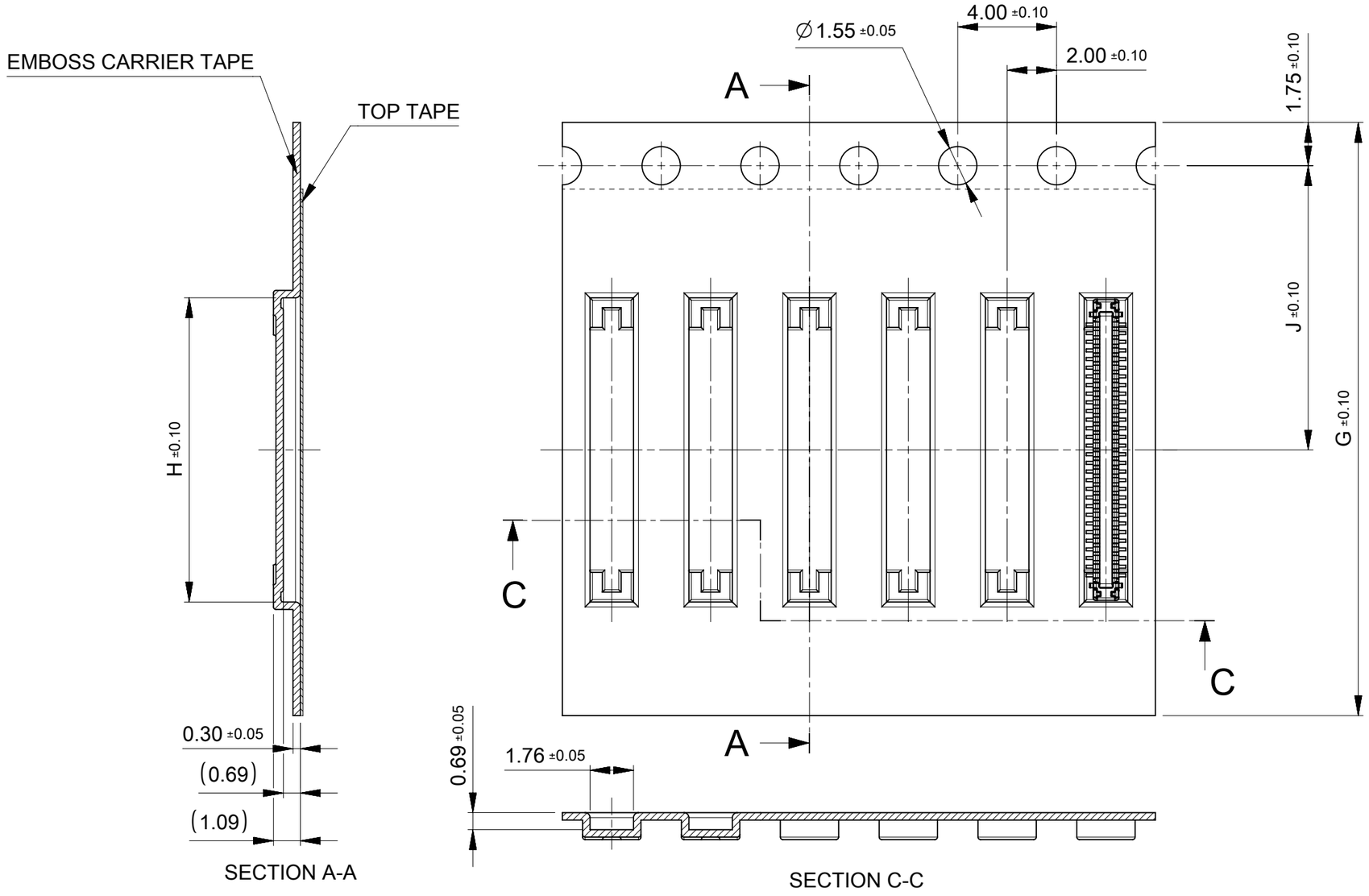
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET2	GENERAL	1 OF 2

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 O : TOOLED □ : WORK PROCESS --- : 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
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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