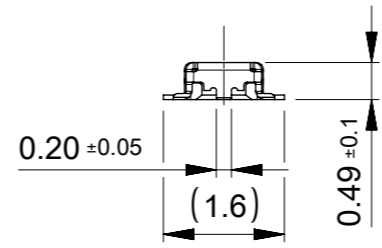
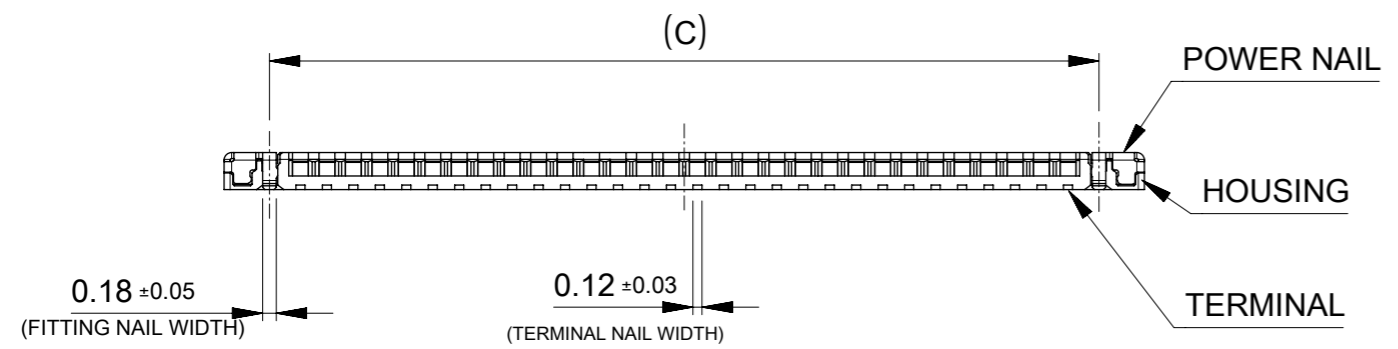
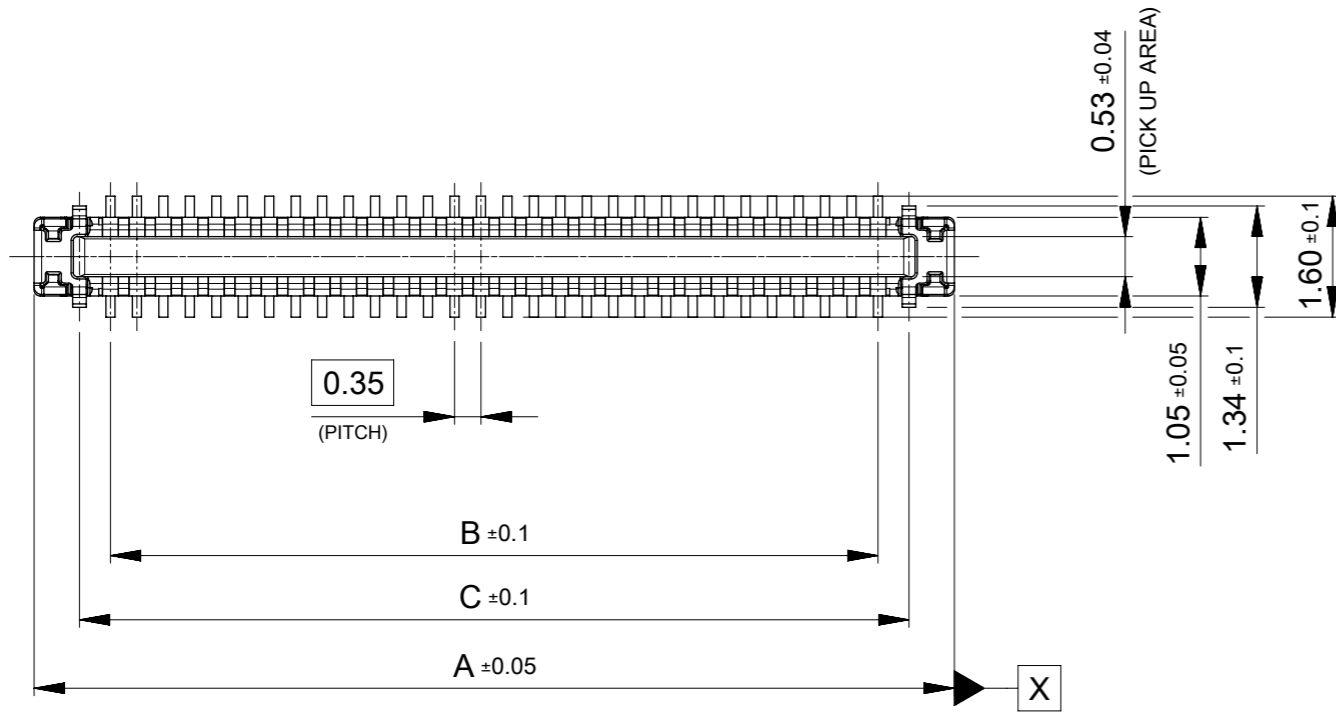


GENERAL DRAWING

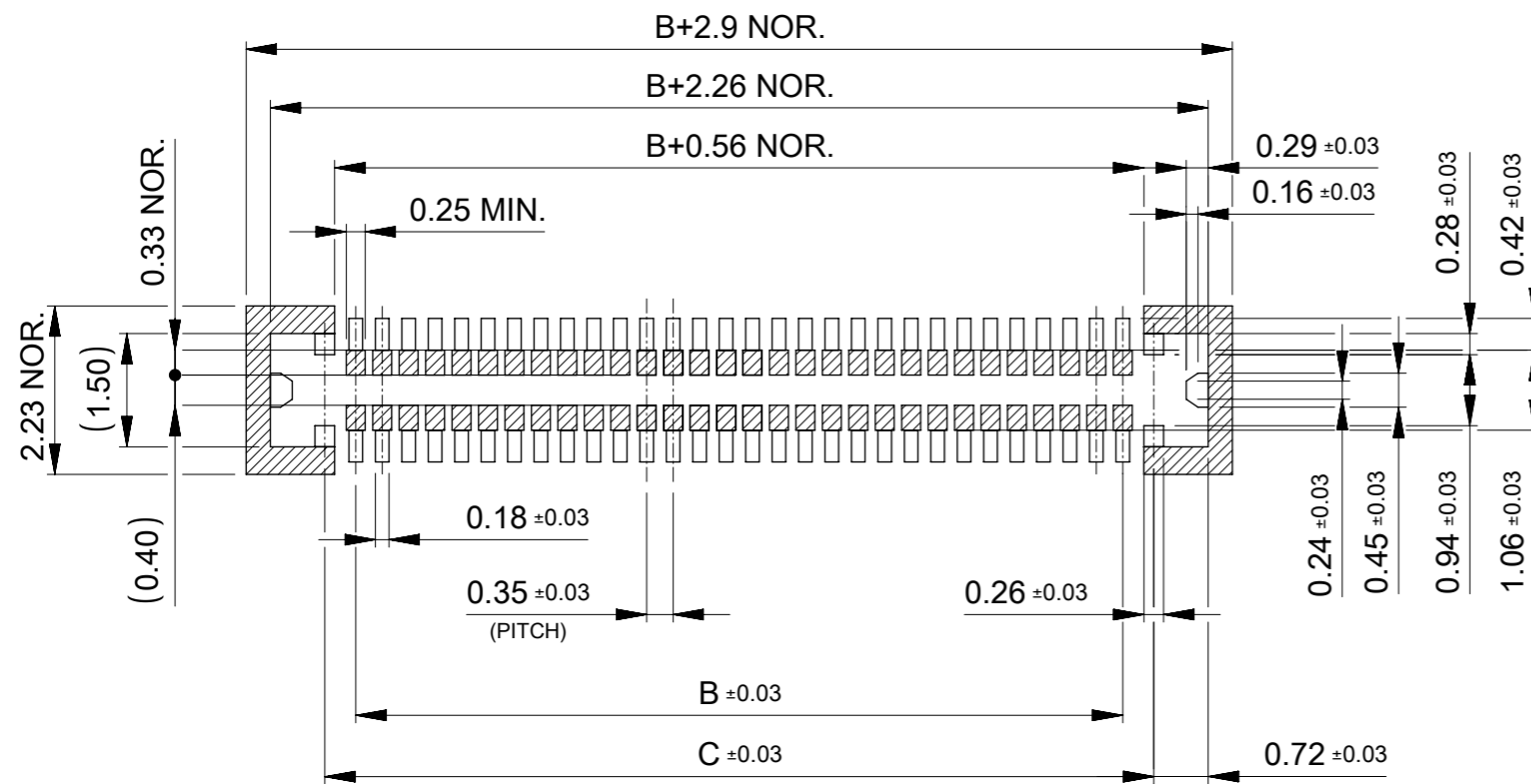


NOTES


- MATERIAL  
HOUSING : LIQUID CRYSTAL POLIMER UL94V-0 (COLOR : BLACK)  
TERMINAL : COPPER ALLOY  
FITTING NAIL : COPPER ALLOY
- 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.
- MATE WITH : 216700\*\*\*\*
- COPLANARITY : SHALL BE 0.08MAX. ON BOTH OF TERMINAL AND NAIL.  
AND 0.1 MAXIMUM AFTER REFLOW
- 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)

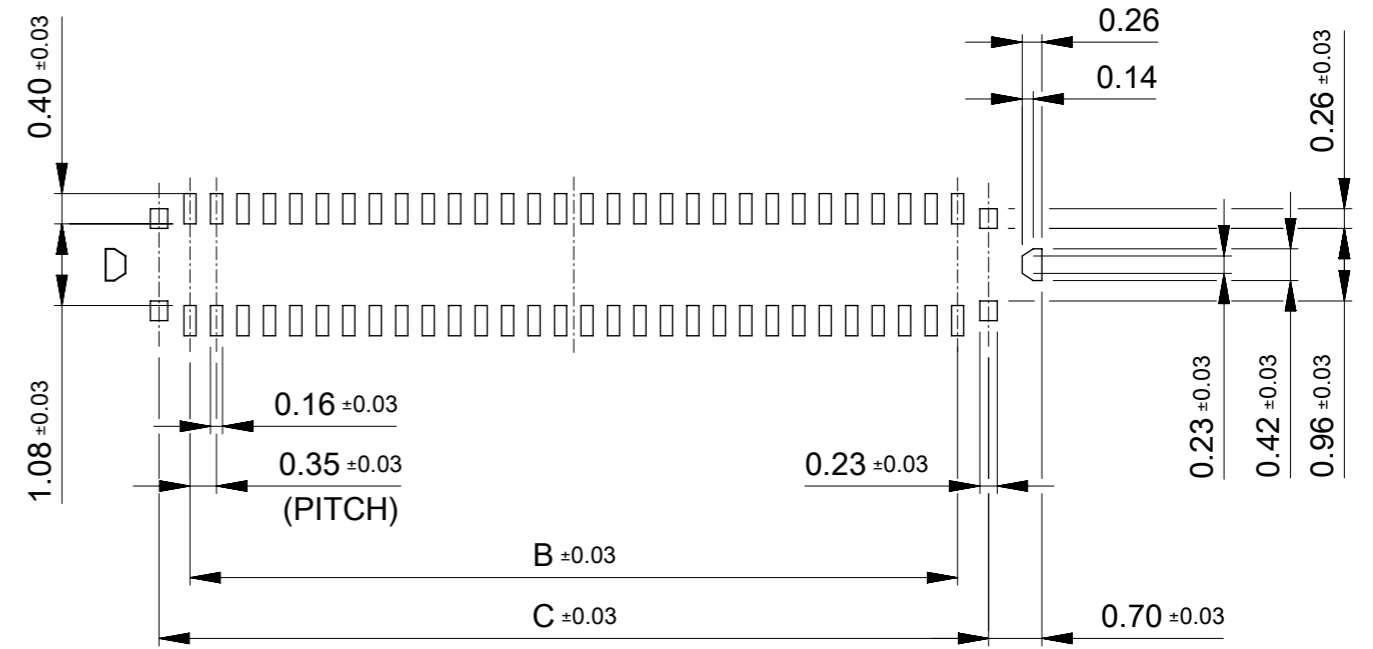
10.97	10.15	12.17	2167010609	---	O	60
9.92	9.10	11.12	2167010549	O	---	54
9.22	8.40	10.42	2167010509	O	---	50
7.47	6.65	8.67	2167010409	O	---	40
5.72	4.90	6.92	2167010309	---	O	30
4.67	3.85	5.87	2167010249	---	O	24
3.97	3.15	5.17	2167010209	O	---	20
2.22	1.40	3.42	2167010109	---	O	10
C	B	A	EMBOSSSED 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***						

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



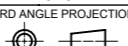
**RECOMMENDED P.C.BOARD PATTERN LAYOUT**  
(FOR REFERENCE)

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

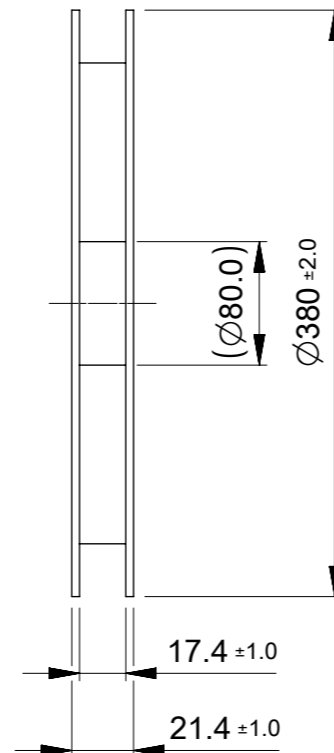
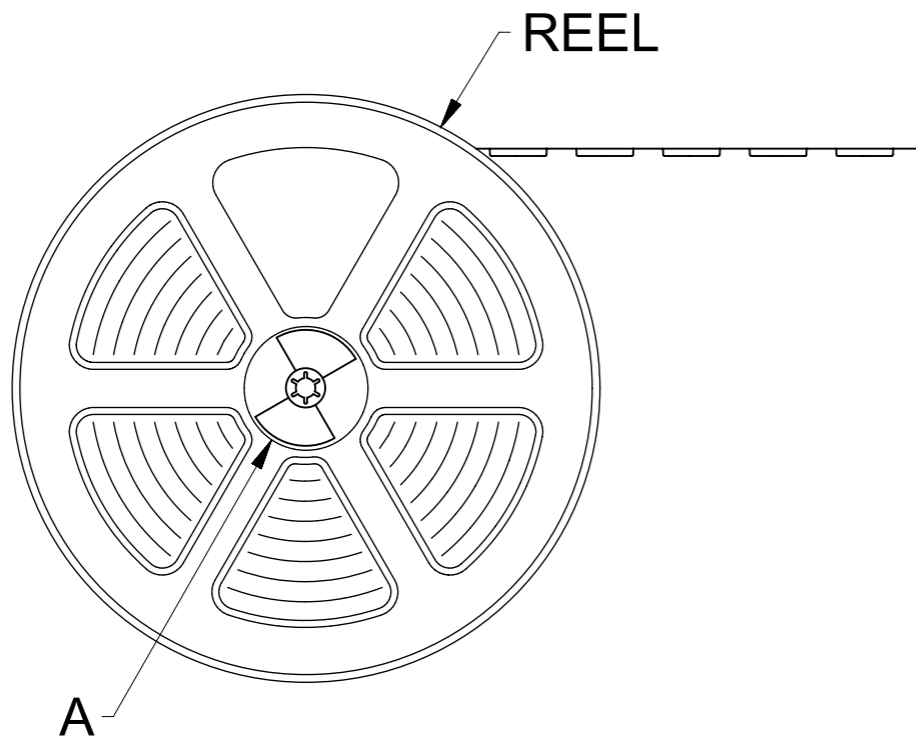


**RECOMMENDED METAL MASK LAYOUT**  
(FOR REFERENCE)

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%.

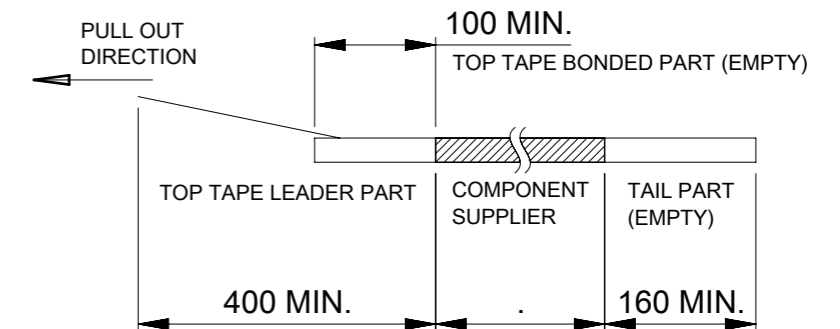
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>			
	△/A = 0	mm						10:1
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 746141		0.35 BB CONN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

⇒ PULL OUT DIRECTION

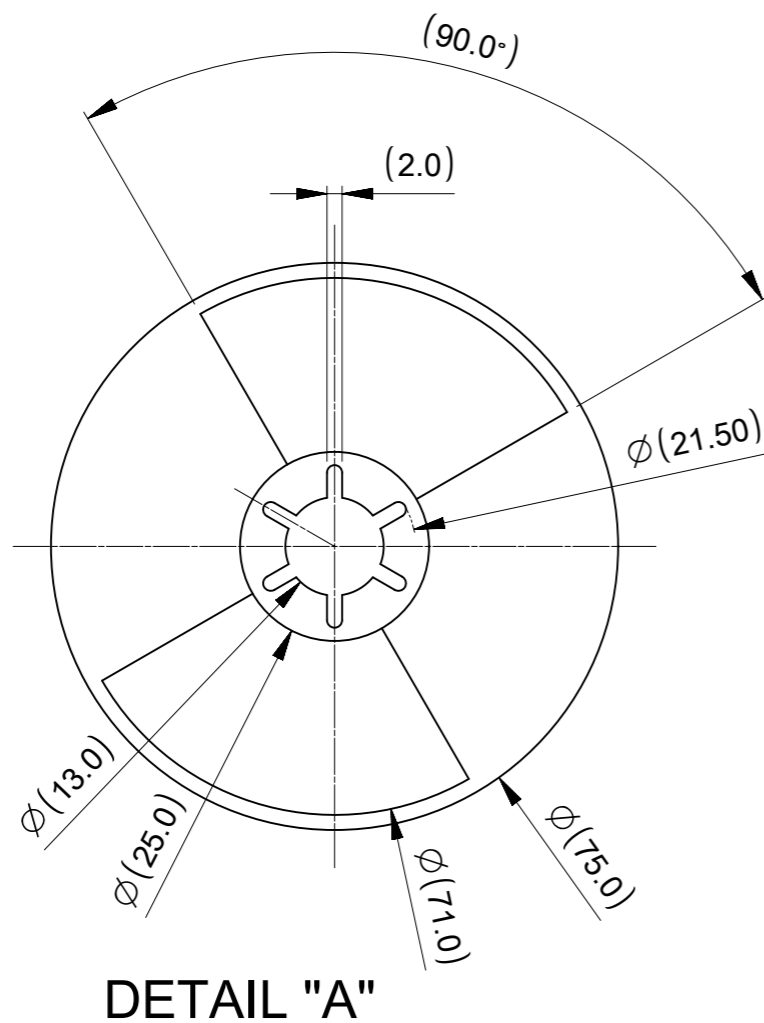


NOTES

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



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



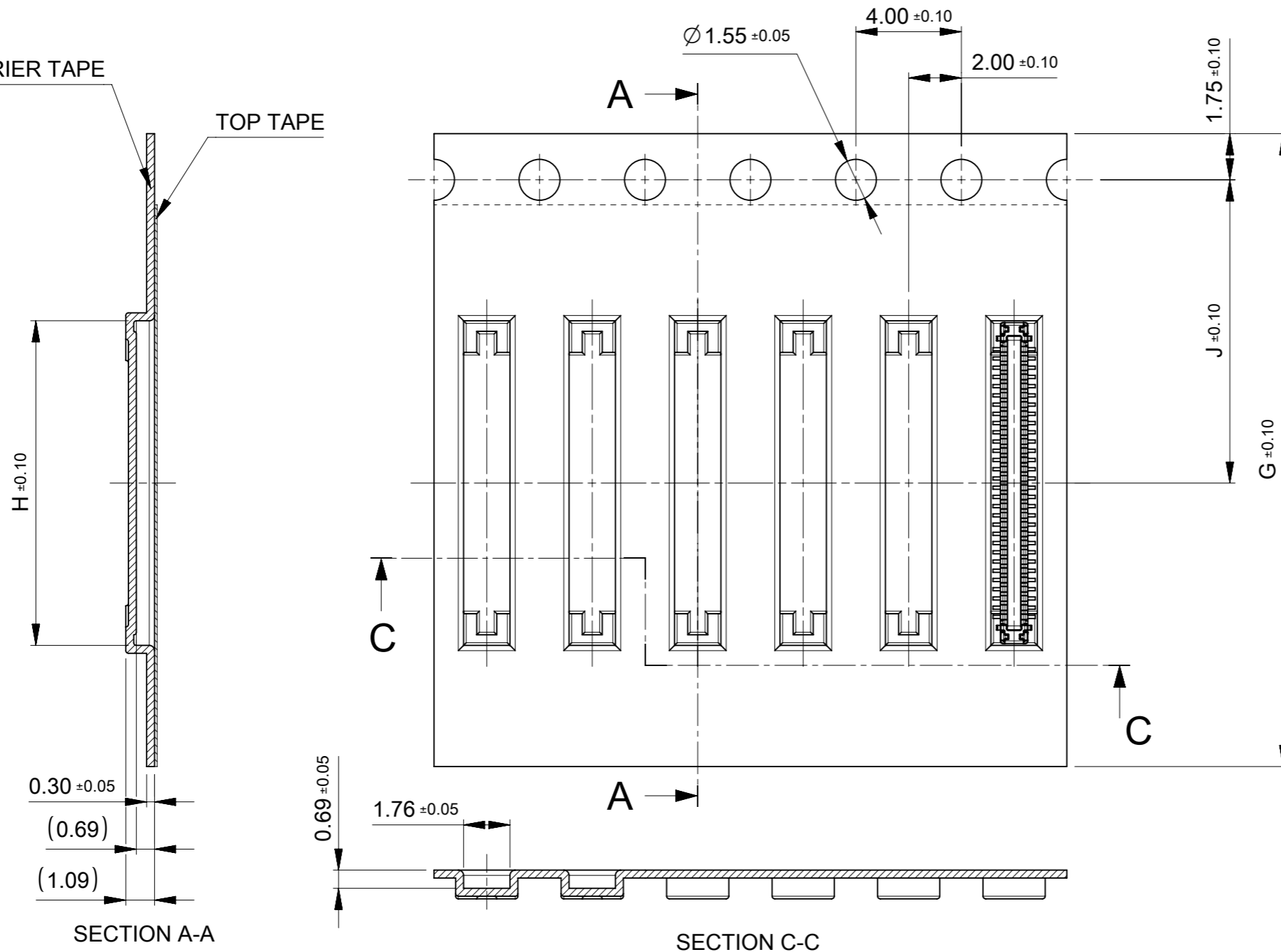
DETAIL "A"

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_F = 0$	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	EC NO: 746141 DRWN: DWLEE02 CHK'D: JHCHANG APPR: JBJIN		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		2023/04/14		PRODUCT CUSTOMER DRAWING
	ANGULAR TOL ± 1.0°		2023/04/17		
	4 PLACES ± 0.05		2023/04/17		DOCUMENT NUMBER
	3 PLACES ± 0.05		2023/04/17		DOC TYPE
2 PLACES ± 0.05		2023/04/17		DOC PART	
1 PLACE ± 0.1		2023/04/17		REVISION	
0 PLACES ± 0.2		2023/04/17			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	216701	2167010001-SD
					CUSTOMER
					GENERAL
					SHEET NUMBER
					1 OF 2

PULL OUT DIRECTION →

EMBOSS CARRIER TAPE

TOP TAPE



SECTION A-A

SECTION C-C

12.31	11.50	24.00	2167010609	---	O	60
11.26			2167010549	O	---	54
10.56			2167010509	O	---	50
8.81	9.25	16.00	2167010409	O	---	40
7.06			2167010309	---	O	30
6.01			2167010249	---	O	24
5.34			2167010209	O	---	20
3.56			2167010109	---	O	10
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****						

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
$\nabla_A = 0$	DIMENSION UNITS: mm	SCALE: 5:1
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla_V = 0$	ANGULAR TOL $\pm 1.0^\circ$	
DIVISIONAL SYMBOLS	4 PLACES $\pm 0.05$	3 PLACES $\pm 0.05$
	2 PLACES $\pm 0.05$	1 PLACE $\pm 0.1$
	0 PLACES $\pm 0.2$	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION
	DRAWING: A3-SIZE	SERIES: 216701
	MATERIAL NUMBER: SEE SHEET 2	CUSTOMER: GENERAL
	DOCUMENT NUMBER: 2167010001-SD	DOC TYPE: PSD
	DOC PART: 001	REVISION: A
	EC NO: 746141	DRWN: JHCHANG
	CHK'D: JHCHANG	2023/04/13
	APPR: JBJIN	2023/04/17
	INITIAL REVISION:	
	DRWN: JHCHANG	2023/04/13
	APPR: JBJIN	2023/04/17
	PRODUCT CUSTOMER DRAWING	
	0.35 BB CONN H=0.6 ACB6 PLUS PLUG PKG	
	molex	
	SHEET NUMBER: 2 OF 2	