


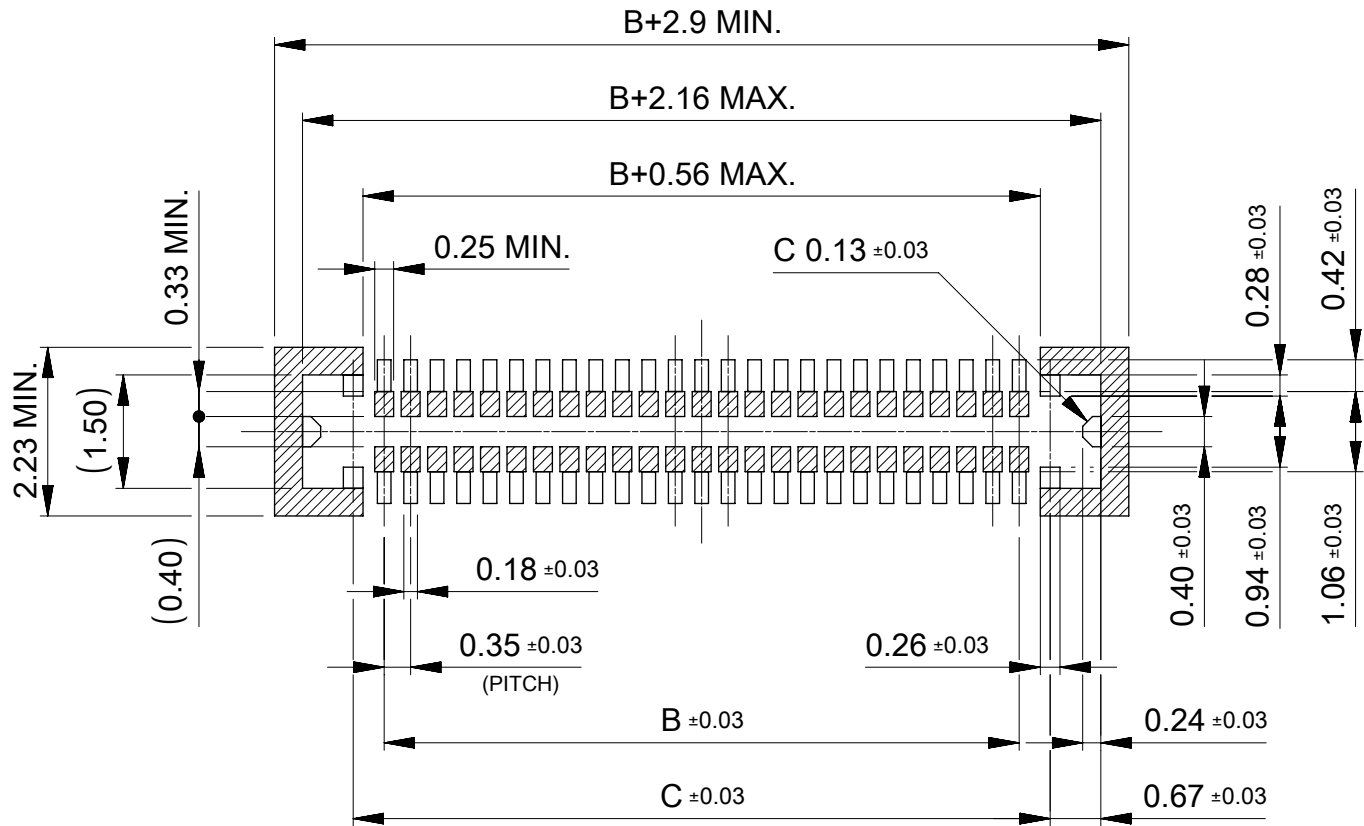
MATING CONDITION

- NOTES
1. MATERIAL
HOUSING : LIQUID CRYSTAL POLIMER UL94V-0 (COLOR : BLACK)
TERMINAL : COPPER ALLOY
FITTING NAIL : COPPER ALLOY
2. PLATING
TERMINAL :
CONTACT AREA : SEPERATED GOLD PLATING(0.1µm MINIMUM)
SOLDER TAIL AREA : SEPERATED 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 : SEPERATED GOLD PLATING(0.1µm MINIMUM)
SOLDER TAIL AREA : SEPERATED 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 : 2167000***
4. TAIL AND FITTING NAIL COPLANARITY TO BE 0.08 MAXIMUM BEFORE REFLOW
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)

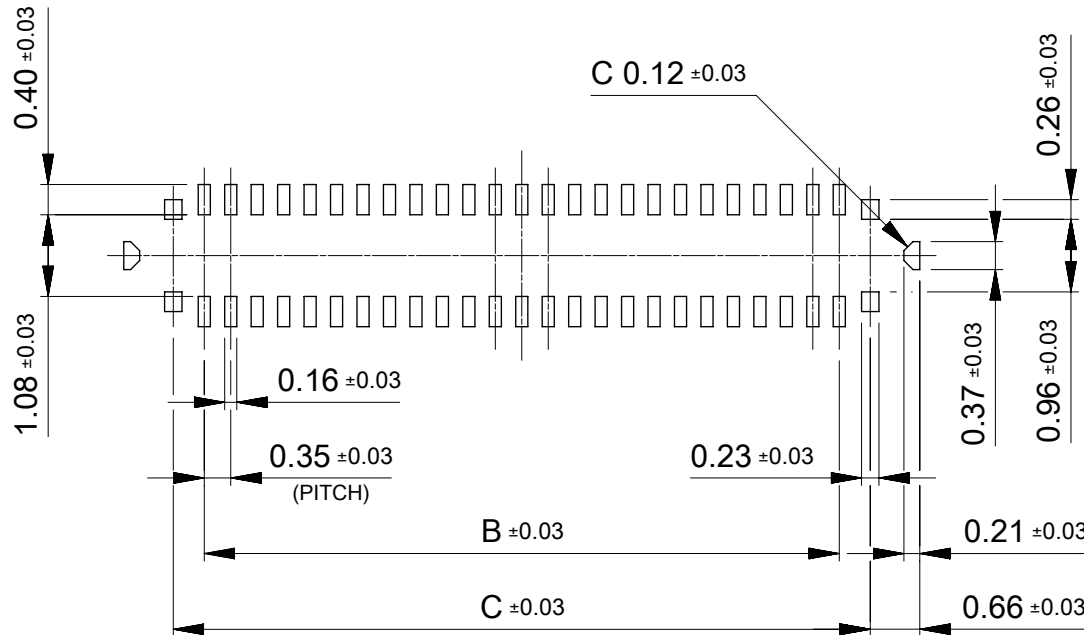
9.22	8.4	10.42	2167010509	O	---	50
7.47	6.65	8.67	2167010409	O	---	40
C	B	A	EMBOSSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	Ckts
			ORDER No.	SAMPLE PREPARATION		
				O : TOOLED □ : WORK PROCESS --- : TOOLING TO BE CONFIRMED		
CONNECTOR SERIES No. : 2167010***						

FUNCTIONAL SYMBOLS <div><div>F</div>= 0</div> <div><div>F</div>= 0</div> <div><div>F</div>= 0</div> <div>DIVISIONAL SYMBOLS</div>	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>					
	mm		10:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)							ACB6 PLUS PLUG ASSY H=0.6 GENERAL					
	ANGULAR TOL ± 3.0 °												
	4 PLACES		± 0.1		EC NO: 677745			PRODUCT CUSTOMER DRAWING					
	3 PLACES		± 0.1		DRWN: DWLEE02 2021/09/16								
	2 PLACES		± 0.1		CHK'D: SHCHU 2021/09/16								
	1 PLACE		± 0.1		APPR: SHCHU 2021/09/16			DOCUMENT NUMBER <div>2167010002</div>					
	0 PLACES		± 0.2		INITIAL REVISION:						DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		216701		SEE SHEET 1				1 OF 4	



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.

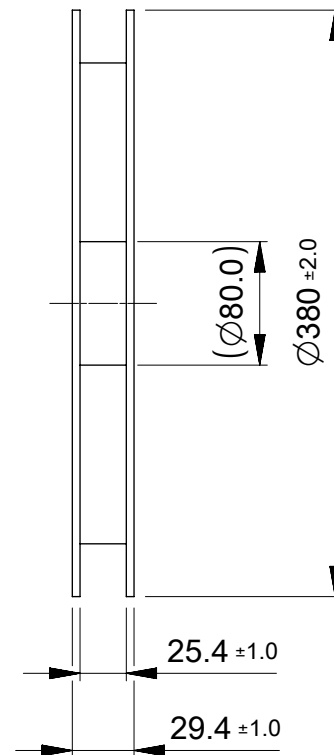
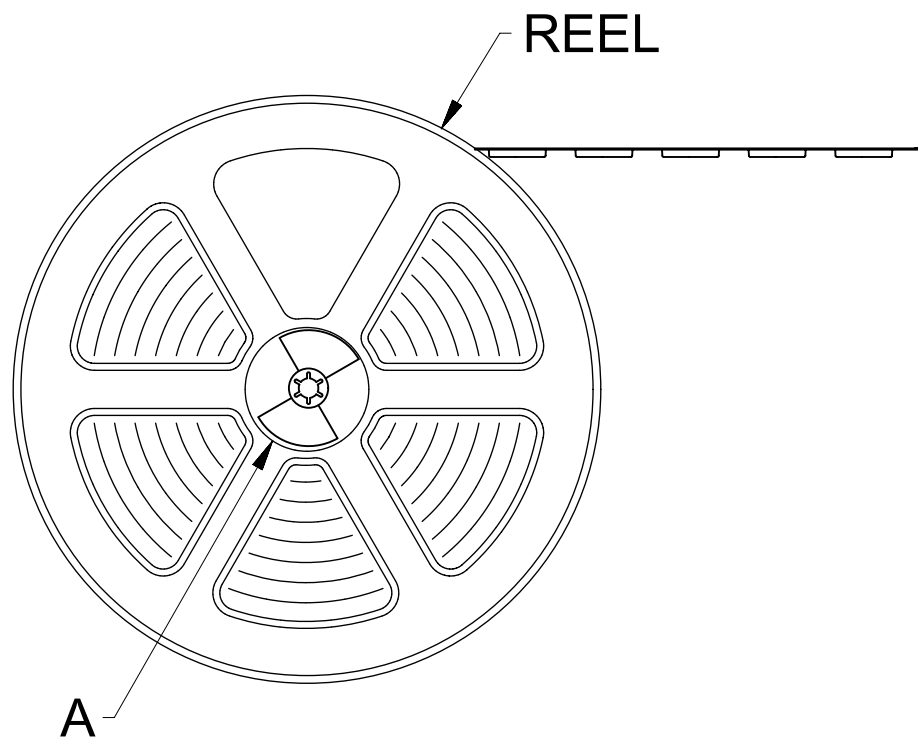


RECOMMENDED METAL MASK LAYOUT
(FOR REFERENCE)

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%.

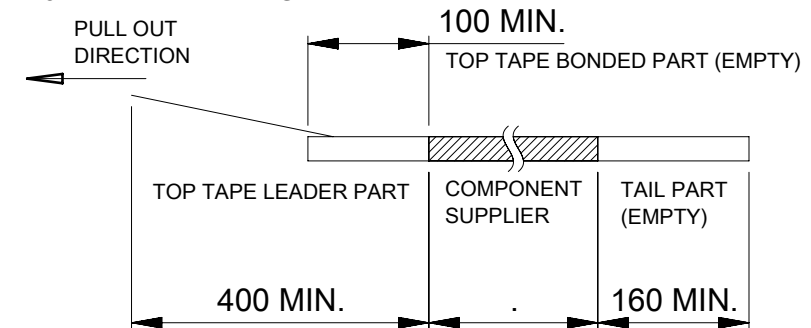
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
<div><div>FA</div><div>= 0</div></div> <div><div>FE</div><div>= 0</div></div> <div><div>FV</div><div>= 0</div></div>	DIMENSION UNITS		SCALE		CURRENT REV DESC:					<div>molex</div>							
	mm		10:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 677745 DRWN: DWLEE022021/09/16 CHK'D: SHCHU2021/09/16 APPR: SHCHU2021/09/16					ACB6 PLUS PLUG ASSY H=0.6 GENERAL		
ANGULAR TOL ± 3.0 °																	
DIVISIONAL SYMBOLS	4 PLACES		± 0.1		INITIAL REVISION: DRWN: DWLEE022020/09/09 APPR: SHCHU2021/09/16										DOCUMENT NUMBER 2167010002		DOC TYPE PSD
	3 PLACES		± 0.1														
	2 PLACES		± 0.1														
	1 PLACE		± 0.1														
	0 PLACES		± 0.2														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE		216701		SEE SHEET1				2 OF 4			

⇒ PULL OUT DIRECTION

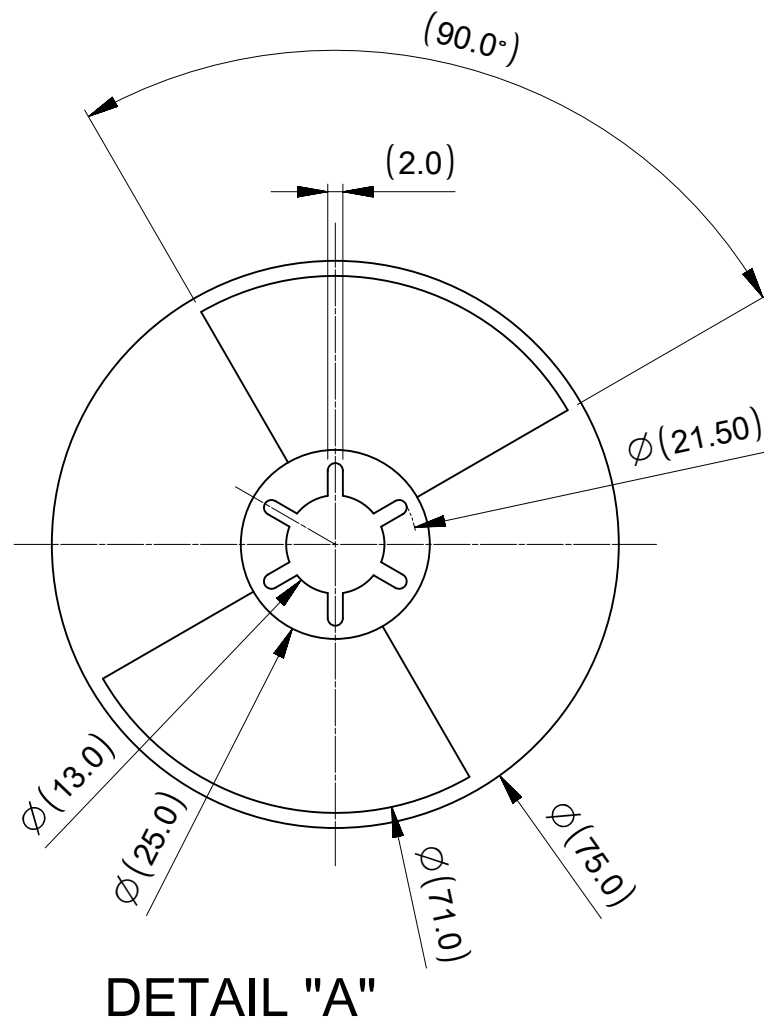


NOTES



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

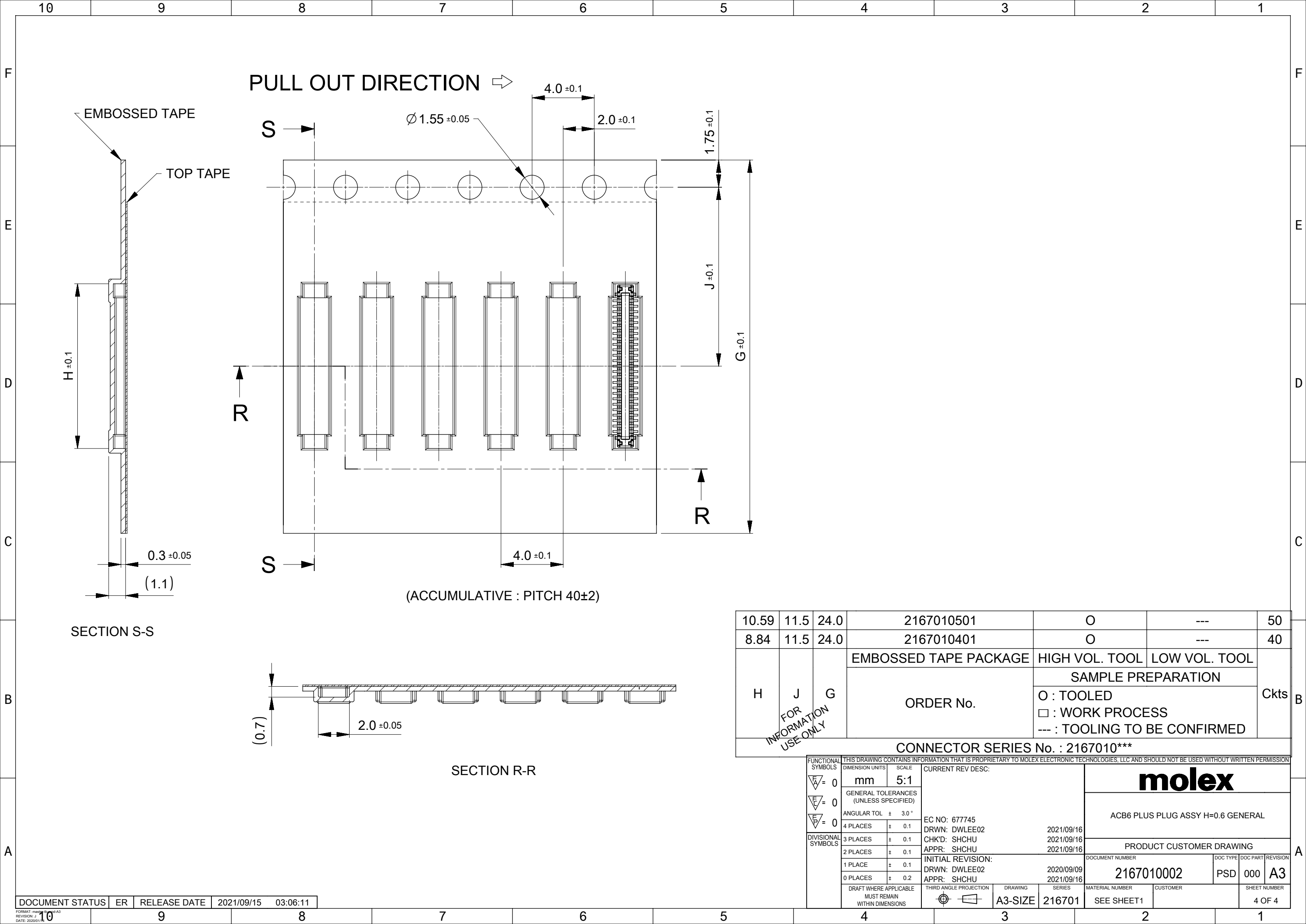


4. PEEL OFF FORCE OF THE TOP TAPE IS DEFINDED BY IEC 60286-3.
5. MATERIAL
 - CARRIER TAPE : POLYSTYRENE OR PET
 - TOP TAPE : PET, OTHER
 - REEL : POLYSTYRENE(PS) [RECYCLE MATERIAL CONTAINED]



FOR
INFORMATION
USE ONLY

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>F/A = 0</div>	mm		1:1											
<div>F/E = 0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)				ACB6 PLUS PLUG ASSY H=0.6 GENERAL									
<div>F/P = 0</div>	ANGULAR TOL ± 3.0°													
DIVISIONAL SYMBOLS	4 PLACES		± 0.1		EC NO: 677745			PRODUCT CUSTOMER DRAWING						
	3 PLACES		± 0.1		DRWN: DWLEE02 2021/09/16									
	2 PLACES		± 0.1		CHK'D: SHCHU 2021/09/16									
	1 PLACE		± 0.1		APPR: SHCHU 2021/09/16									
	0 PLACES		± 0.2		INITIAL REVISION:									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					DRWN: DWLEE02 2020/09/09			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
					APPR: SHCHU 2021/09/16			2167010002		PSD	000	A3		
THIRD ANGLE PROJECTION					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
<div> </div>					A3-SIZE		216701		SEE SHEET1				3 OF 4	



10.59	11.5	24.0	2167010501	O	---	50
8.84	11.5	24.0	2167010401	O	---	40
H	J	G	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***						

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0 PLACES		± 0.2															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		216701		2167010002		PSD		000		A3	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE SHEET1						4 OF 4	

DOCUMENT STATUS	ER	RELEASE DATE	2021/09/15	03:06:11
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