

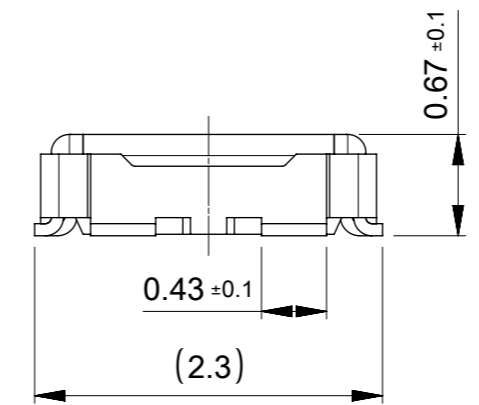
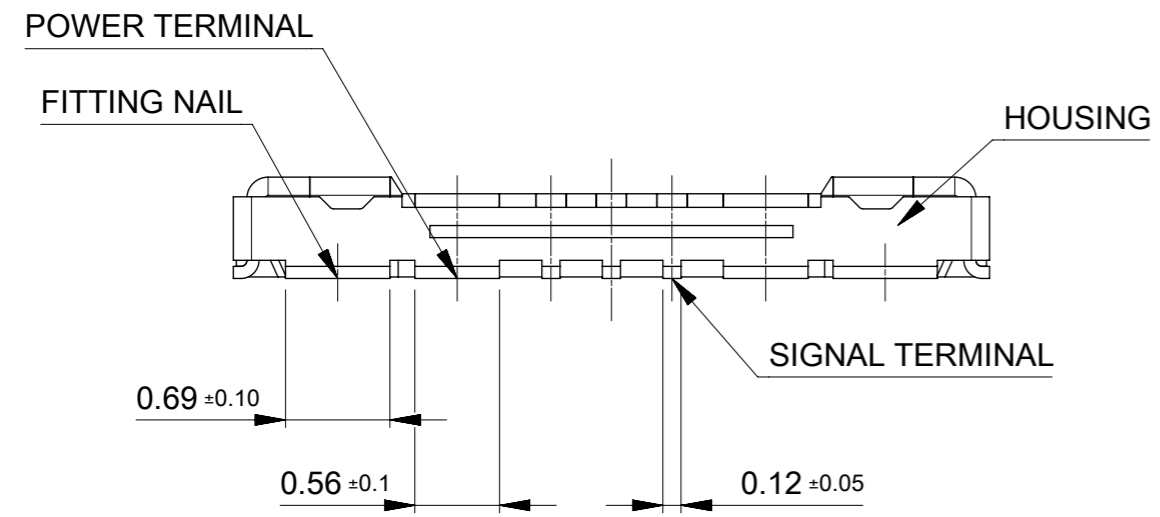
Lot No. with Laser(Month Day)

Month	JAN-SEP	OCT	NOV	DEC
Marking	1-9	A	B	C

C01A
 MACHINE NO.
 DAY(1~31)
 MONTH

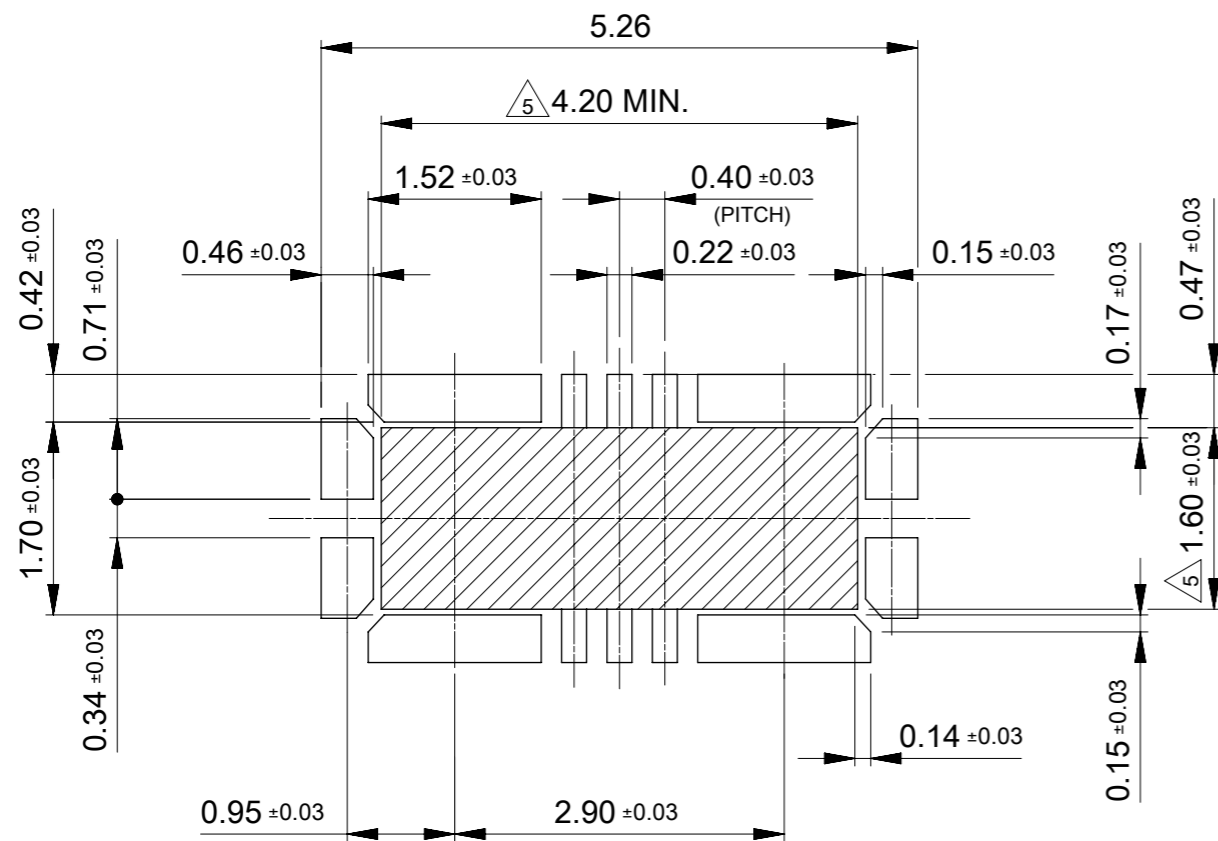
NOTES

- MATERIAL**
 HOUSING : LIQUID CRYSTAL POLIMER UL94V-0 (COLOR : BLACK)
 TERMINAL : COPPER ALLOY
 FITTING NAIL : COPPER ALLOY
- 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.
- MATE WITH : 2166560**0**
- TAIL AND FITTING NAIL COPLANARITY TO BE 0.08 MAXIMUM.**
- 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)




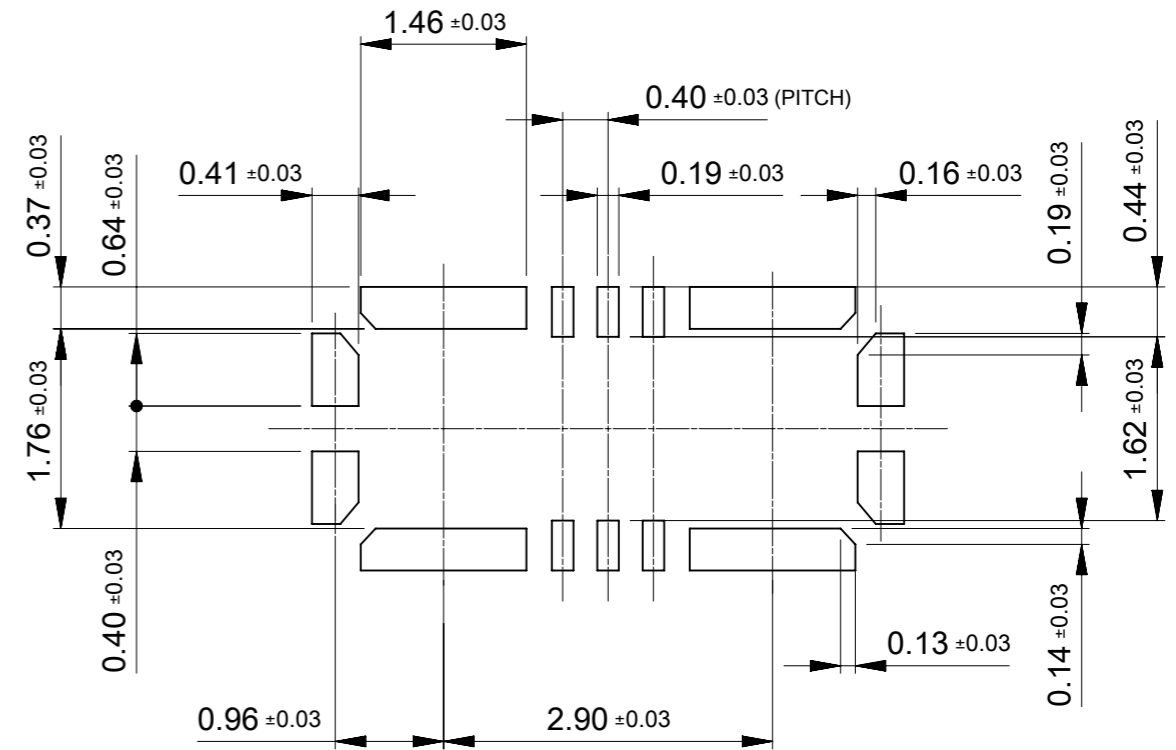
0.80	2.04	3.44	5.00	2166560109	O	---	6+4P
				EMBOSSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	Ckts
				ORDER No.	SAMPLE PREPARATION		
						O : TOOLED	
					□ : WORK PROCESS		
					--- : TOOLING TO BE CONFIRMED		
CONNECTOR SERIES No. : 2166560**0							

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE		molex																							
	<table border="1"> <tr> <td>▽A = 0</td> <td>mm</td> <td>20:1</td> </tr> <tr> <td colspan="3">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> </tr> <tr> <td>▽E = 0</td> <td colspan="2">ANGULAR TOL ± 3.0°</td> </tr> <tr> <td>▽F = 0</td> <td>4 PLACES</td> <td>± 0.1</td> </tr> <tr> <td></td> <td>3 PLACES</td> <td>± 0.1</td> </tr> <tr> <td></td> <td>2 PLACES</td> <td>± 0.1</td> </tr> <tr> <td></td> <td>1 PLACE</td> <td>± 0.1</td> </tr> <tr> <td></td> <td>0 PLACES</td> <td>± 0.2</td> </tr> </table>	▽A = 0	mm		20:1	GENERAL TOLERANCES (UNLESS SPECIFIED)			▽E = 0	ANGULAR TOL ± 3.0°		▽F = 0	4 PLACES	± 0.1		3 PLACES	± 0.1		2 PLACES	± 0.1		1 PLACE	± 0.1		0 PLACES	± 0.2	CURRENT REV DESC:
▽A = 0	mm	20:1																									
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	1 PLACE	± 0.1																									
	0 PLACES	± 0.2																									
DIVISIONAL SYMBOLS	EC NO: 746459	2022/06/30																									
	DRWN: JHCHANG	2023/04/19																									
	CHK'D: JBJIN	2023/04/20																									
	APPR: JBJIN																										
	INITIAL REVISION:																										
	DRWN: JHCHANG	2020/10/26																									
	APPR: SHCHU	2021/09/03																									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING																								
			SERIES																								
			MATERIAL NUMBER																								
			CUSTOMER																								
			SHEET NUMBER																								



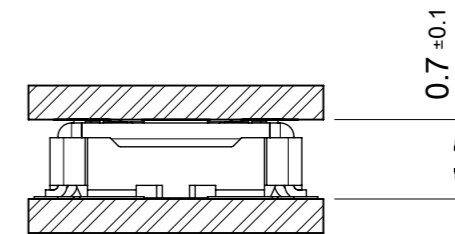
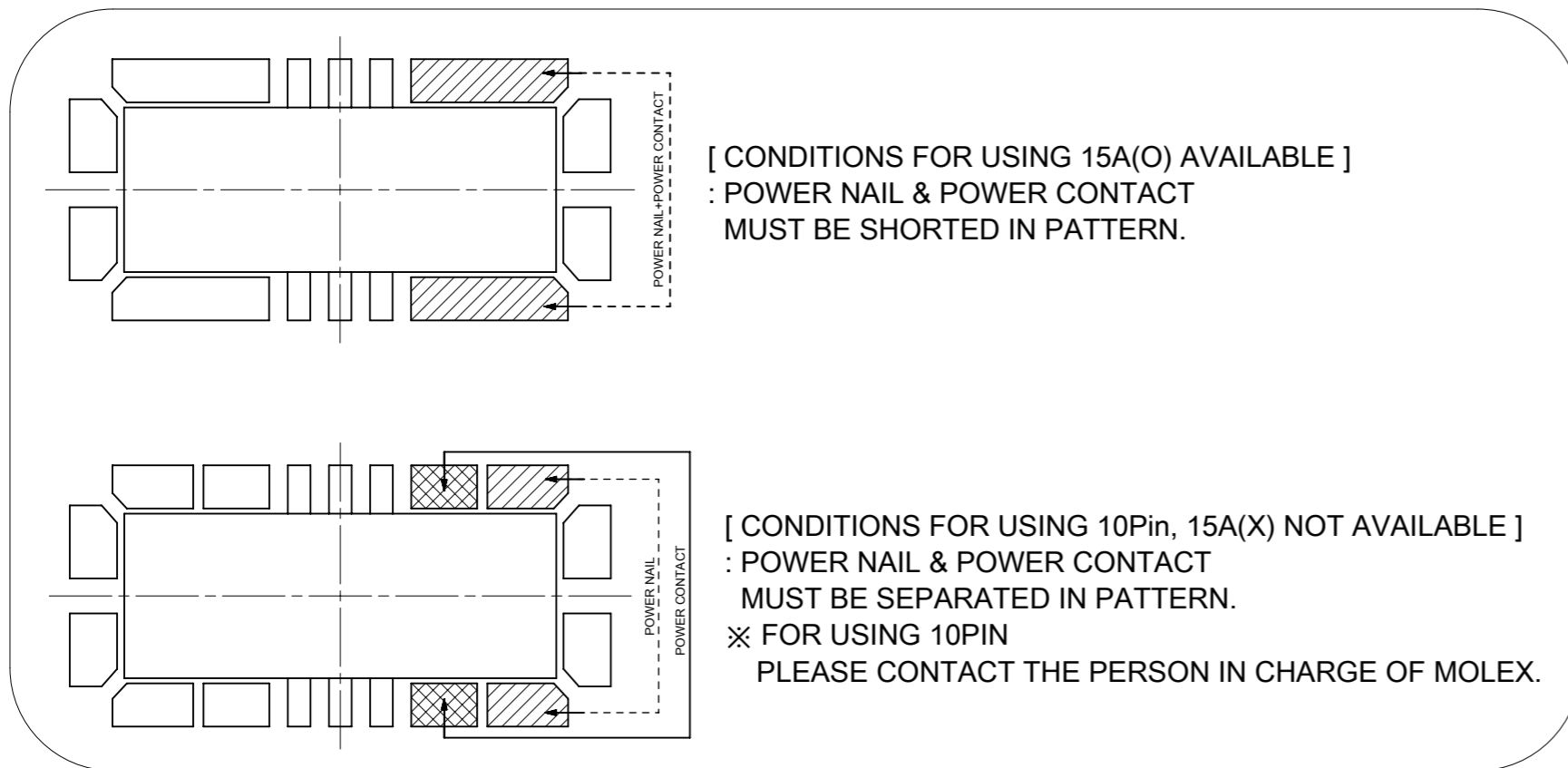
RECOMMENDED P.C. BOARD PATTERN LAYOUT
(FOR REFERENCE)

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



RECOMMENDED METAL MASK LAYOUT
(FOR REFERENCE)

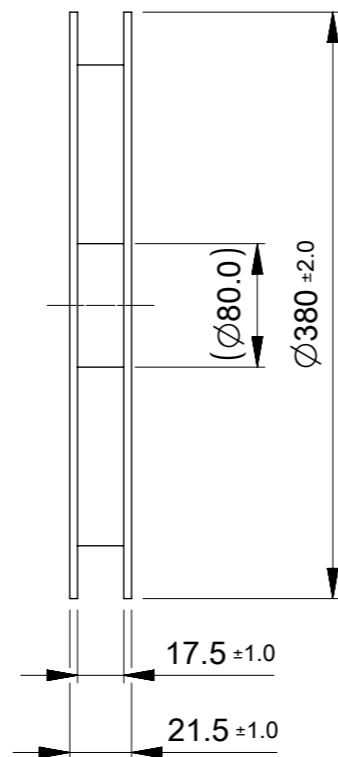
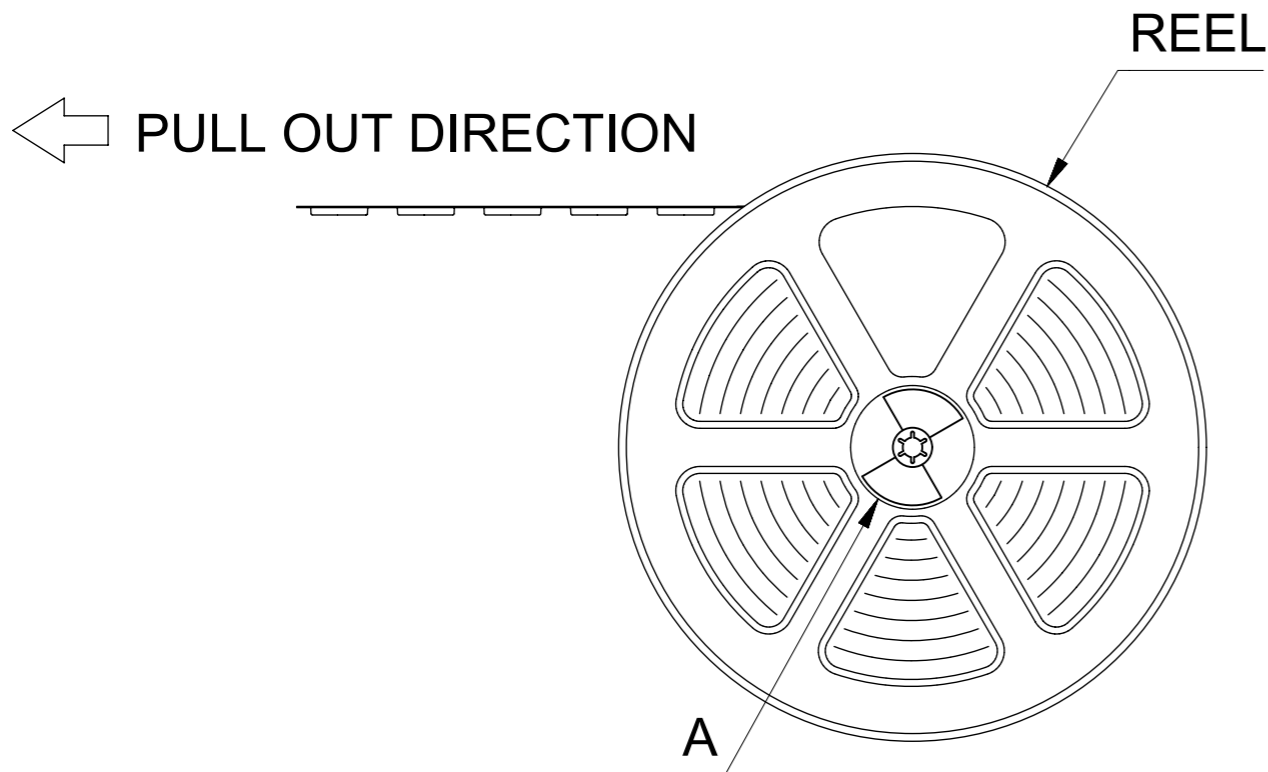
RECOMMENDED THICKNESS : 0.08mm
RECOMMENDED APERTURE DIMENSION IS JUST SAME AS SHOWN FIGURE ABOVE.
FOR THIS DIMENSION, APERTURE RATIO ARE POWER, SIGNAL TERMINAL AND
FITTING NAIL ALL 80%.



MATING CONDITION

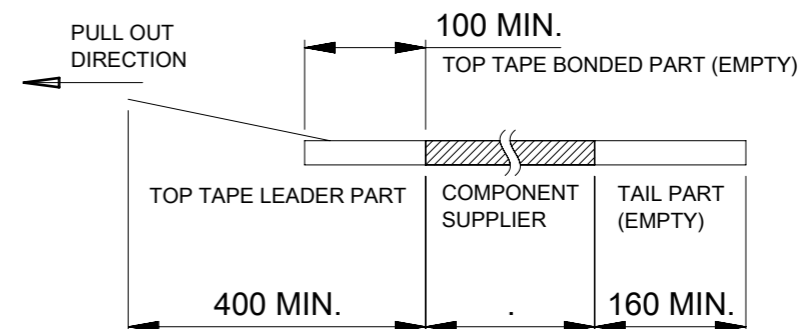
THIS DIMENSION SHOWS A DIMENSION
BETWEEN THE TAIL TO TAIL.

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:		molex	
	△A = 0	mm	SCALE	15:1		
△E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				0.4 BB CONN. H=0.7 NEW GCB7 REC ASSY FOR BATTERY(15A)	
△F = 0	ANGULAR TOL ± 3.0°					
DIVISIONAL SYMBOLS	4 PLACES	± 0.1	EC NO: 746459	2022/06/30	PRODUCT CUSTOMER DRAWING	
	3 PLACES	± 0.1	DRWN: JHCHANG	2023/04/19		
	2 PLACES	± 0.1	CHK'D: JBJIN	2023/04/20	DOCUMENT NUMBER	
	1 PLACE	± 0.1	APPR: JBJIN	2021/09/03		DOC TYPE
	0 PLACES	± 0.2	INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: JHCHANG	2020/10/26	REVISION		
THIRD ANGLE PROJECTION		APPR: SHCHU	2021/09/03			
DRAWING		SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
A3-SIZE		216656	SEE CHART	GENERAL	2 OF 2	

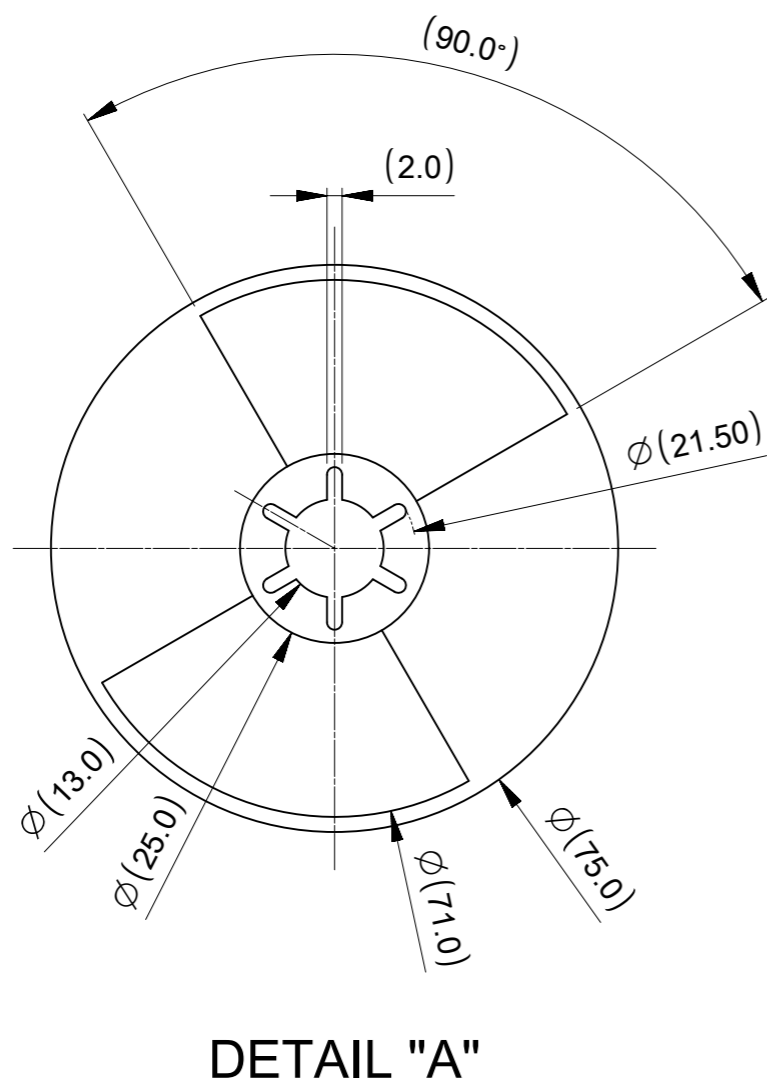


NOTES

1. RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. NUMBER OF CONNECTORS : 15,000PCS/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:		molex
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_P = 0$	DIMENSION UNITS: mm SCALE: 1:1	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 3.0^\circ$ 4 PLACES ± 0.1 3 PLACES ± 0.1 2 PLACES ± 0.1 1 PLACE ± 0.1 0 PLACES ± 0.2		
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION		INITIAL REVISION: DRWN: JHCHANG 2023/04/17 APPR: JBJIN 2023/04/20	DOCUMENT NUMBER: 2166560101-SD DOC TYPE: PSD DOC PART: 000 REVISION: A	PRODUCT CUSTOMER DRAWING
DOCUMENT STATUS: P1 RELEASE DATE: 2023/04/20 00:36:37		A3-SIZE 216656	MATERIAL NUMBER: SEE SHEET2 CUSTOMER: GENERAL	SHEET NUMBER: 1 OF 2	

← PULL OUT DIRECTION

EMBOSS CARRIER TAPE

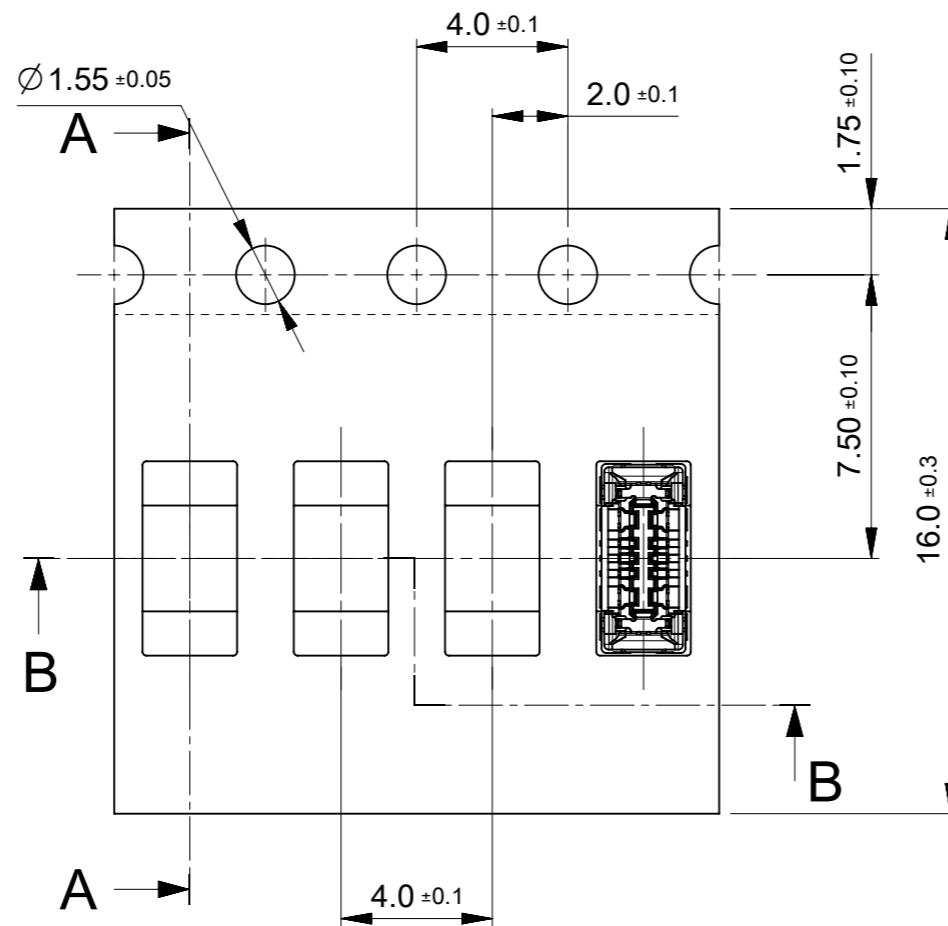
TOP TAPE

5.14 ±0.05

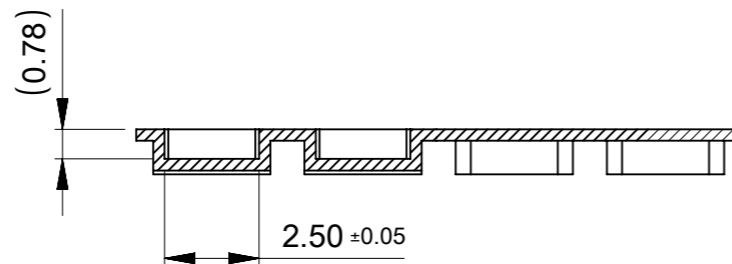
0.30 ±0.05

(1.19)

SECTION A-A



(ACCUMULATIVE : PITCH 40±2)



SECTION B-B

2166560109	O	---	6+4P
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. : 2166560**0			

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:						
	△/A = 0	mm							SCALE 5:1
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 746459		0.4 BB H=0.7 GCB7-PLUS REC ASSY PKG FOR BATTERY(15A)				
	△/E = 0	ANGULAR TOL ± 3.0°		DRWN: JHCHANG 2023/04/19					
DIVISIONAL SYMBOLS	4 PLACES	± 0.1	CHK'D: JBJIN 2023/04/19		PRODUCT CUSTOMER DRAWING				
	3 PLACES	± 0.1	APPR: JBJIN 2023/04/20						
	2 PLACES	± 0.1	INITIAL REVISION:		DOCUMENT NUMBER				
	1 PLACE	± 0.1	DRWN: JHCHANG 2023/04/17		2166560101-SD		PSD	000	A
0 PLACES	± 0.2	APPR: JBJIN 2023/04/20		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	A3-SIZE	216656	SEE SHEET2	GENERAL	2 OF 2