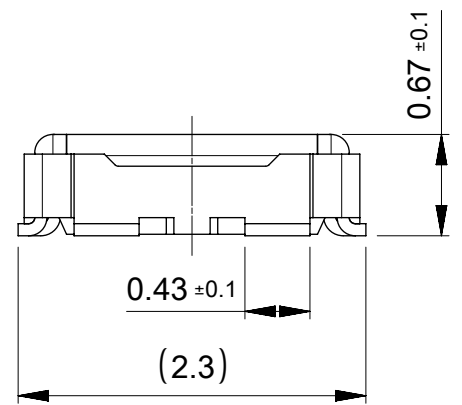
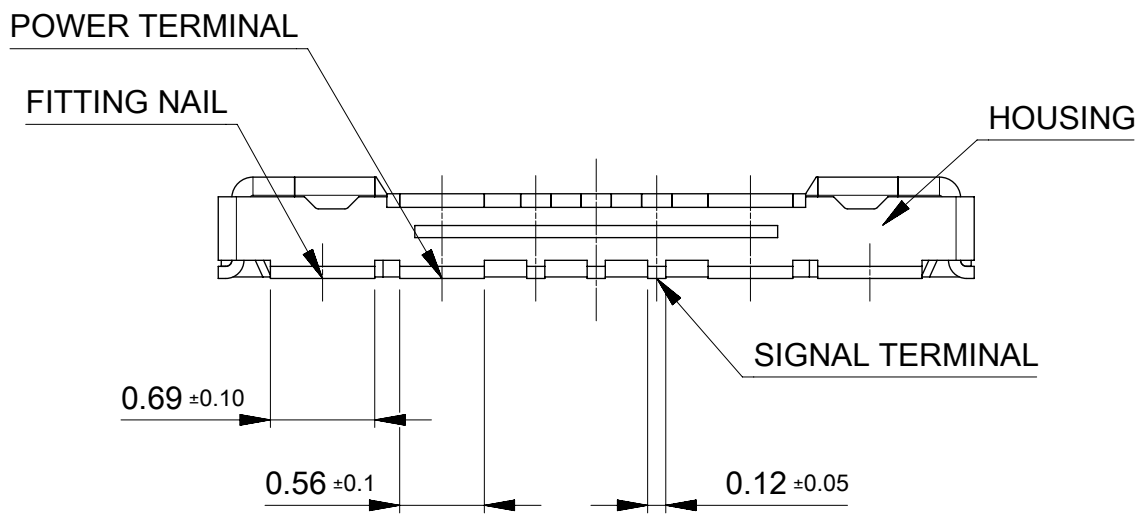
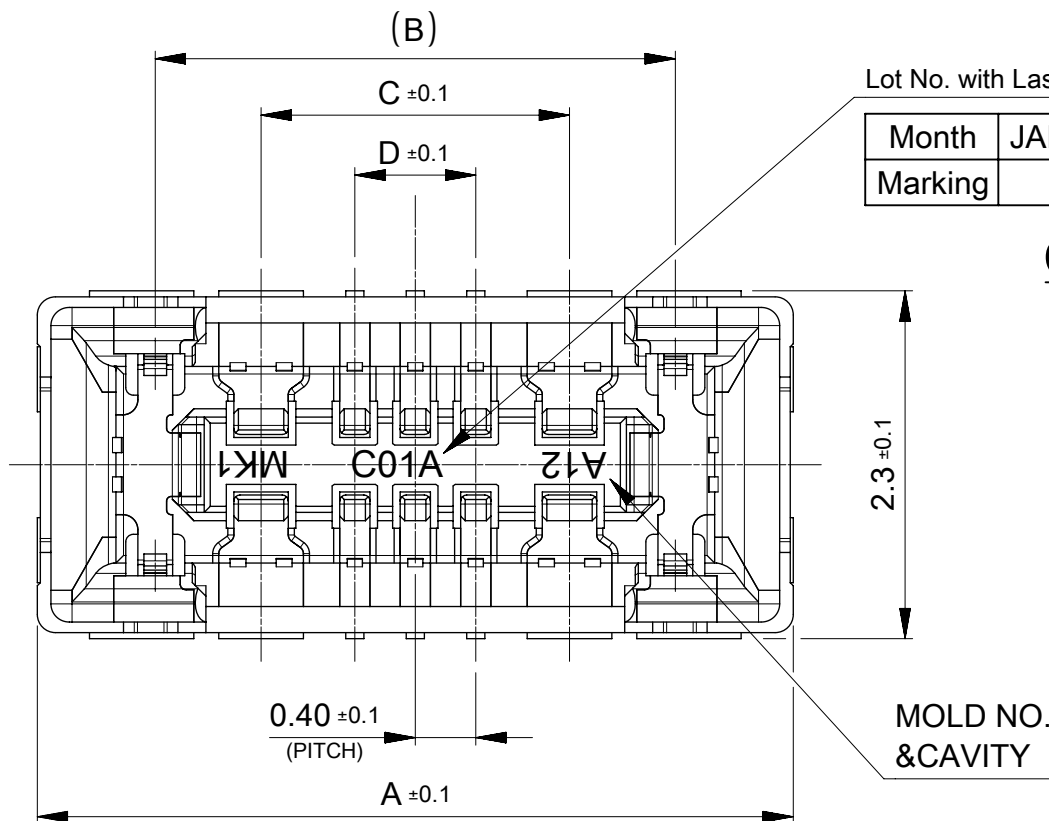
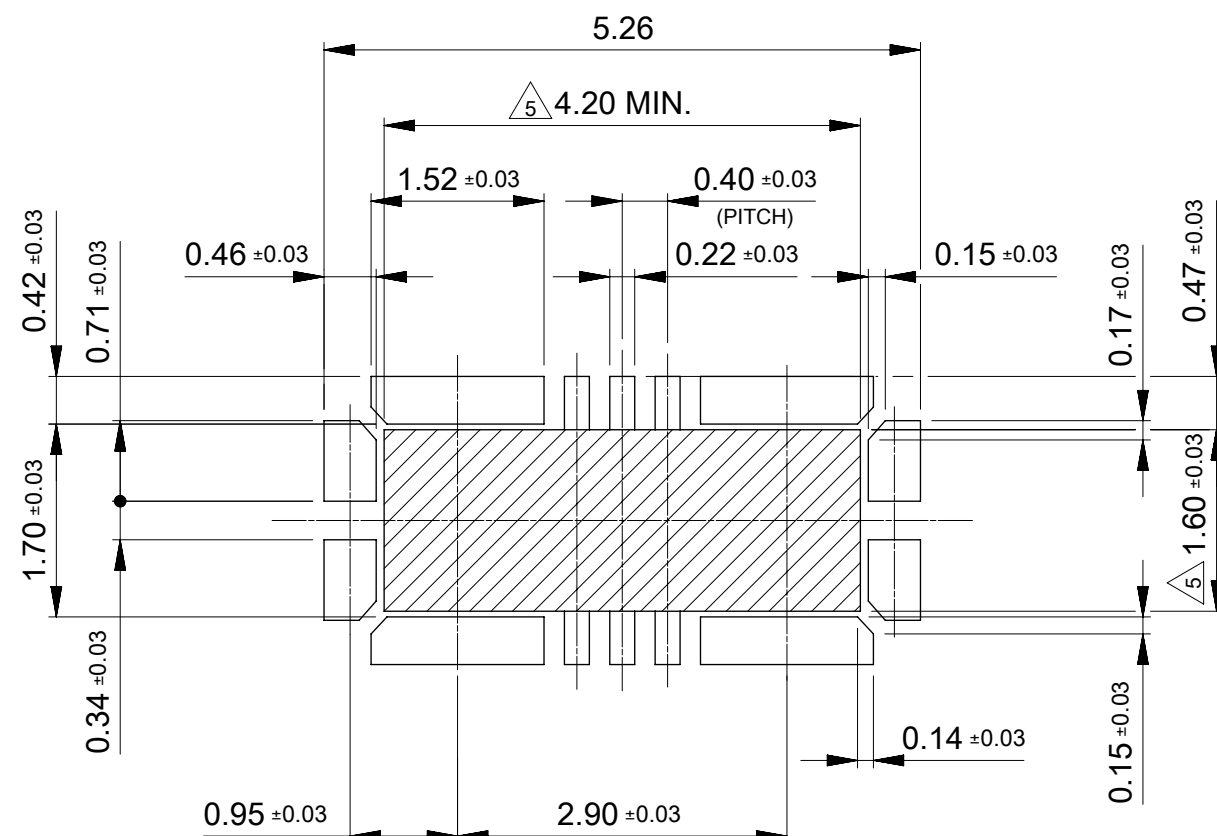




- NOTES
- MATERIAL
HOUSING : LIQUID CRYSTAL POLIMER UL94V-0 (COLOR : BLACK)
TERMINAL : COPPER ALLOY
FITTING NAIL : COPPER ALLOY
 - PLATING
TERMINAL :
CONTACT AREA : SEPERATED GOLD PLATING(0.1μm MINIMUM)
SOLDER TAIL AREA : SEPERATED GOLD PLATING(0.05μm MINIMUM)
UNDER PLATING : NICKEL OVERALL(1.0μm MINIMUM)
* 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)

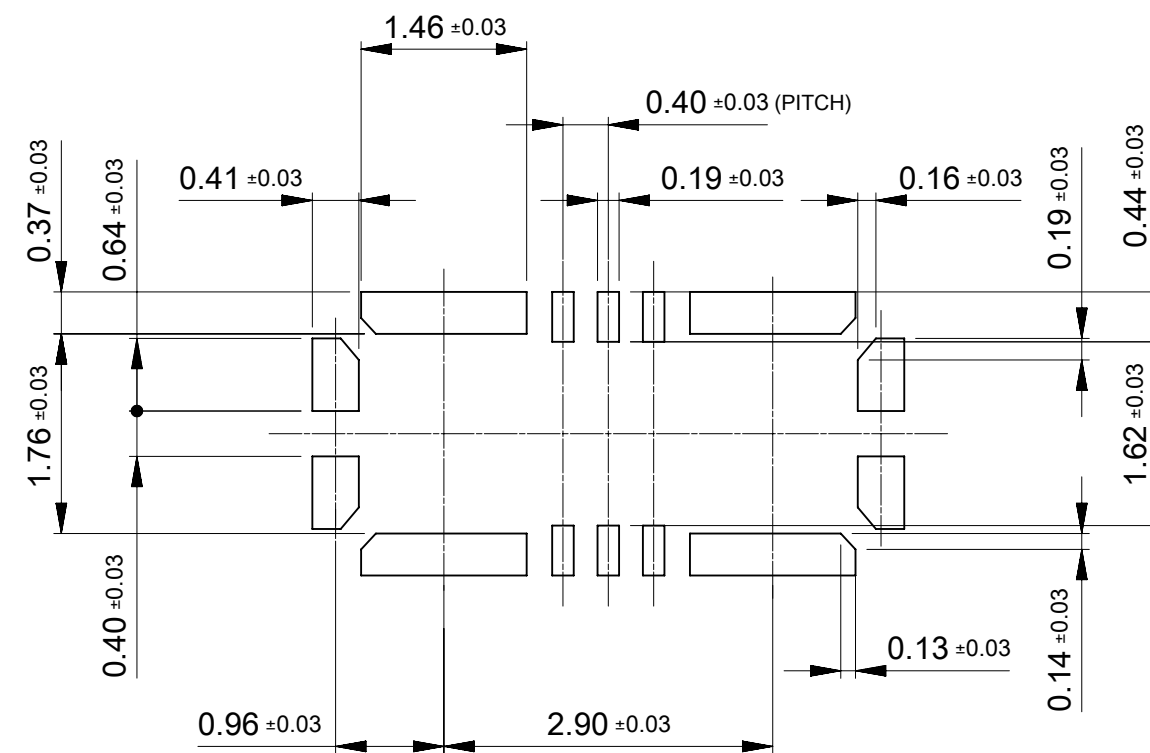
0.80	2.04	3.44	5.00	2166560109		O	---	6+4P
D	C	(B)	A	EMBOSSSED TAPE PACKAGE		HIGH VOL. TOOL	LOW VOL. TOOL	Ckts
				ORDER No.		SAMPLE PREPARATION		
						O : TOOLED □ : WORK PROCESS --- : TOOLING TO BE CONFIRMED		
CONNECTOR SERIES No. : 2166560**0								

FUNCTIONAL SYMBOLS FA=0 FE=0 FE=0 DIVISIONAL 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			
	mm	20:1	0.4 BB CONN. H=0.7 NEW GCB7 REC ASSY FOR BATTERY(15A)				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 746459 DRWN: JHCHANG CHK'D: JBJIN APPR: JBJIN		2022/06/30 2023/04/19 2023/04/20		
	ANGULAR TOL ± 3.0°		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING		
	4 PLACES ± 0.1		DRWN: JHCHANG APPR: SHCHU		DOCUMENT NUMBER 2166560100-SD		
3 PLACES ± 0.1		2020/10/26		DOC TYPE PSD			
2 PLACES ± 0.1		2021/09/03		DOC PART 001			
1 PLACE ± 0.1				REVISION A3			
0 PLACES ± 0.2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	216656	SEE CHART	GENERAL	1 OF 2



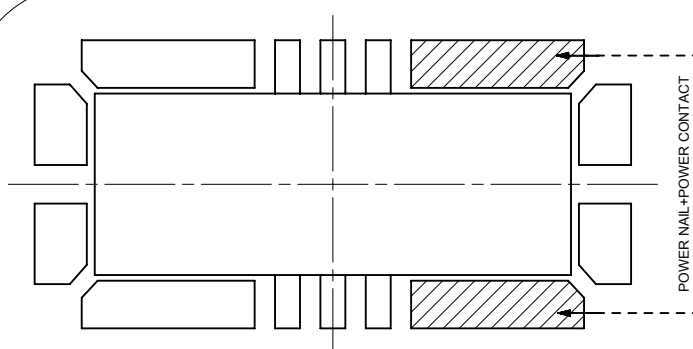
RECOMMENDED P.C.BOARD PATTERN LAYOUT
(FOR REFERENCE)

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

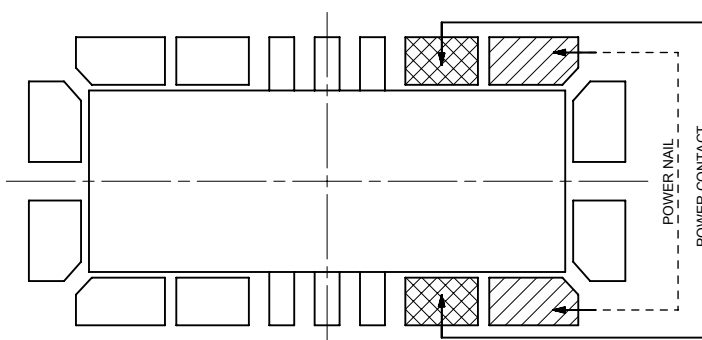


RECOMMENDED METAL MASK LAYOUT (FOR REFERENCE)

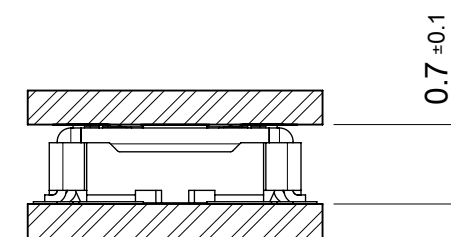
RECOMMENDED THICKNESS : 0.08mm
RECOMMENDED APERTURE DIMENSION IS JUST SAME AS SHOWN FIGURE ABOVE.
FOR THIS DIMENSION, APERTURE RATIO ARE POWER, SIGNAL TERMINAL AND
FITTING NAIL ALL 80%.



[CONDITIONS FOR USING 15A(O) AVAILABLE]
: POWER NAIL & POWER CONTACT
MUST BE SHORTED IN PATTERN.



[CONDITIONS FOR USING 10Pin, 15A(X) NOT AVAILABLE]
: POWER NAIL & POWER CONTACT
MUST BE SEPARATED IN PATTERN.
※ FOR USING 10PIN
PLEASE CONTACT THE PERSON IN CHARGE OF MOLEX.



MATING CONDITION

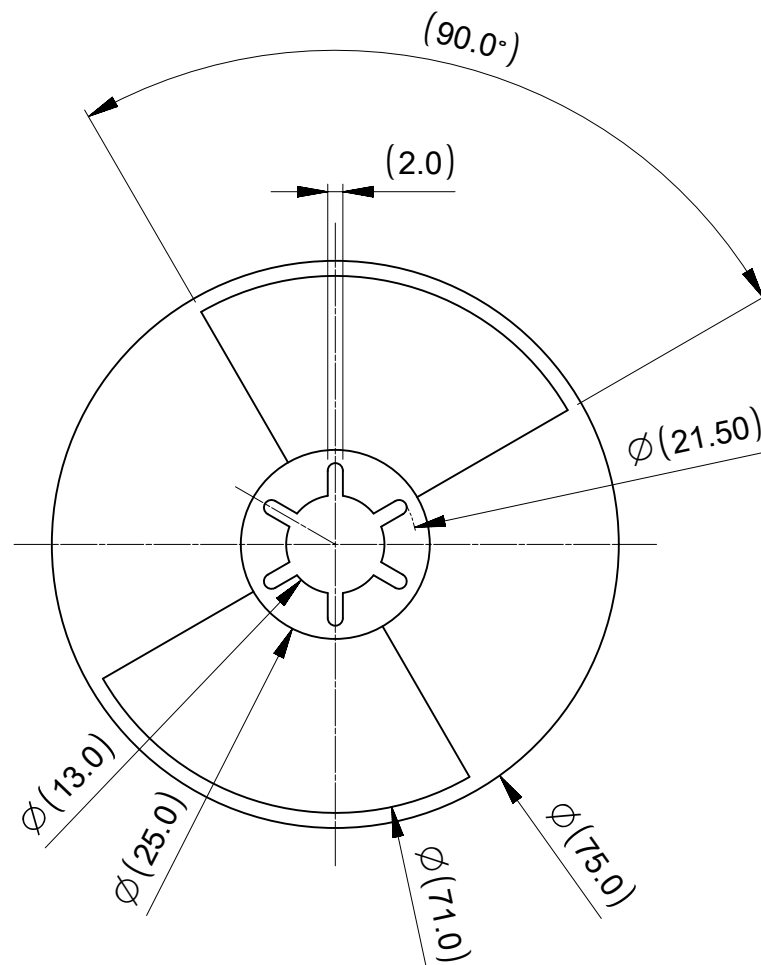
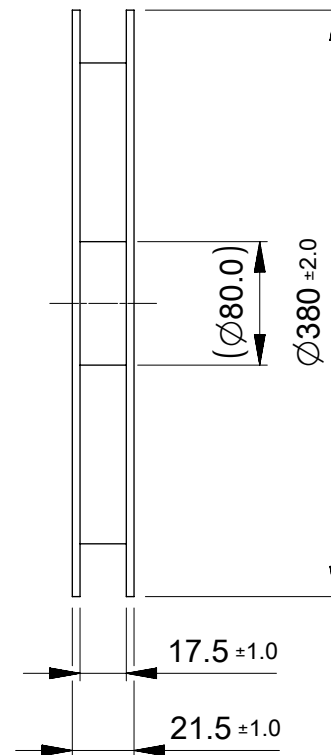
THIS DIMENSION SHOWS A DIMENSION
BETWEEN THE TAIL TO TAIL.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		15:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± 3.0 °															
A = 0					EC NO: 746459			0.4 BB CONN. H=0.7 NEW GCB7 REC ASSY FOR BATTERY(15A)							
				DRWN: JHCHANG											
				2022/06/30											
E = 0					CHK'D: JBJIN			2023/04/19							
F = 0					APPR: JBJIN			2023/04/20							
DIVISIONAL SYMBOLS	4 PLACES		± 0.1		INITIAL REVISION: DRWN: JHCHANG APPR: SHCHU			PRODUCT CUSTOMER DRAWING							
	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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		216656		2166560100-SD		PSD		001		A3	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
								SEE CHART		GENERAL				2 OF 2	

PULL OUT DIRECTION

REEL

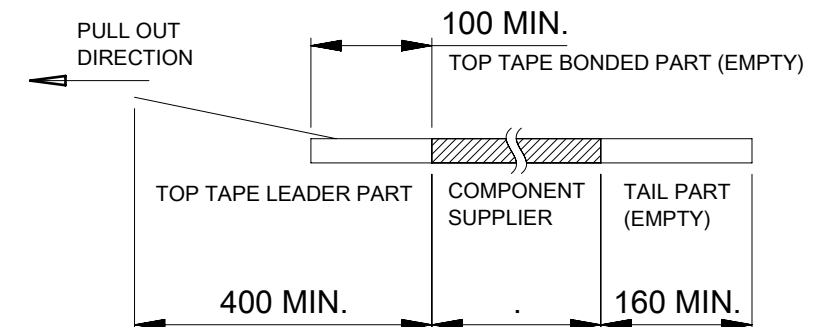
A



DETAIL "A"

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]

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

molex

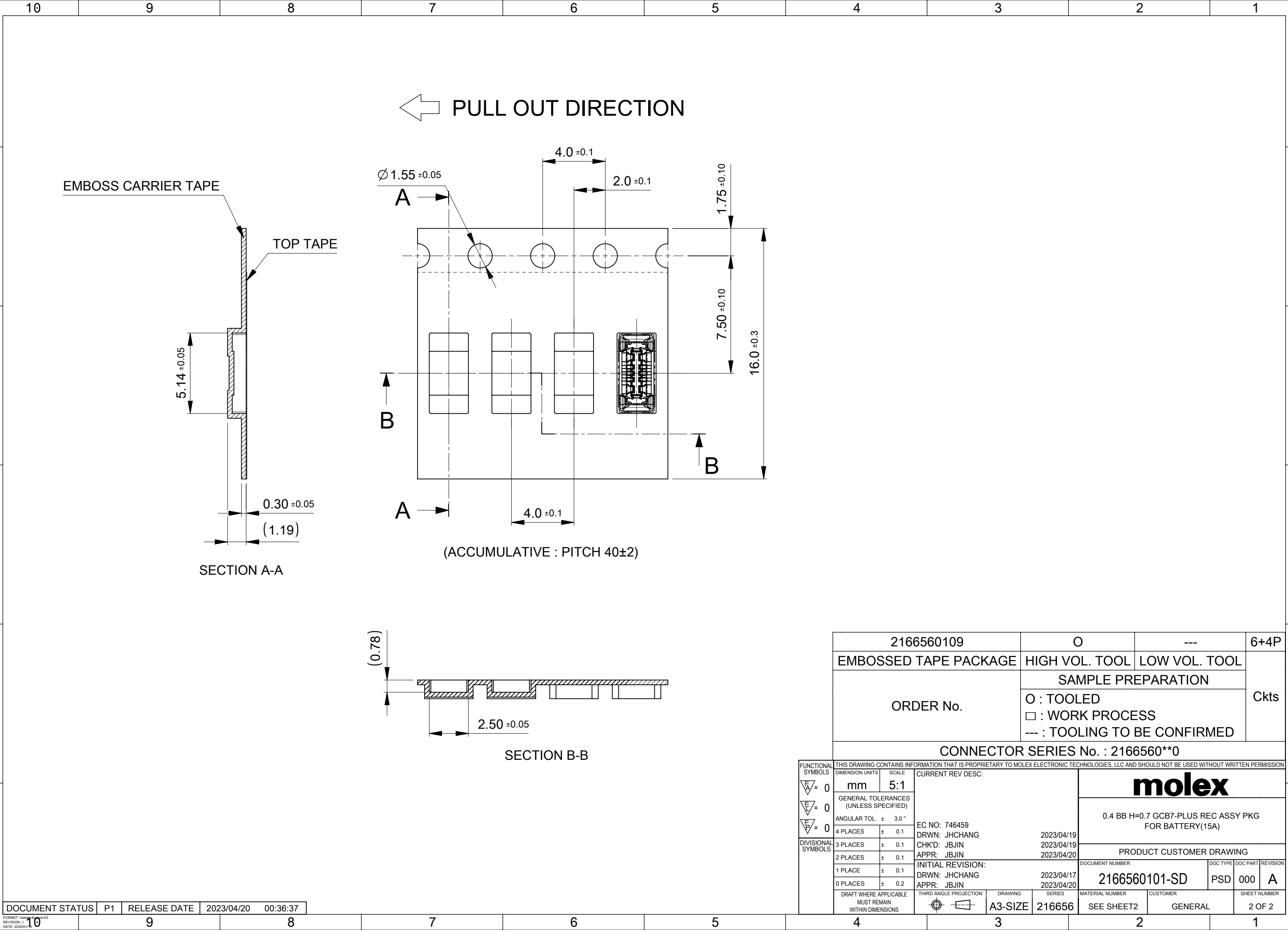
0.4 BB H=0.7 GCB7-PLUS REC ASSY PKG FOR BATTERY(15A)

PRODUCT CUSTOMER DRAWING

2166560101-SD

PSD 000 A

SEE SHEET2 GENERAL 1 OF 2



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
F/A = 0 F/E = 0 F/P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex 0.4 BB H=0.7 GCB7-PLUS REC ASSY PKG FOR BATTERY(15A)							
	mm		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 746459 DRWN: JHCHANG 2023/04/19 CHK'D: JBJIN 2023/04/19 APPR: JBJIN 2023/04/20 INITIAL REVISION: DRWN: JHCHANG 2023/04/17 APPR: JBJIN 2023/04/20			PRODUCT CUSTOMER DRAWING							
	ANGULAR TOL ± 3.0 °							DOCUMENT NUMBER							
	4 PLACES		± 0.1					2166560101-SD		DOC TYPE		DOC PART	REVISION		
	3 PLACES		± 0.1					PSD		000	A				
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		216656		SEE SHEET2		GENERAL		2 OF 2	