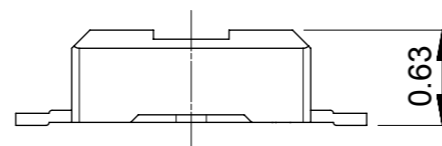
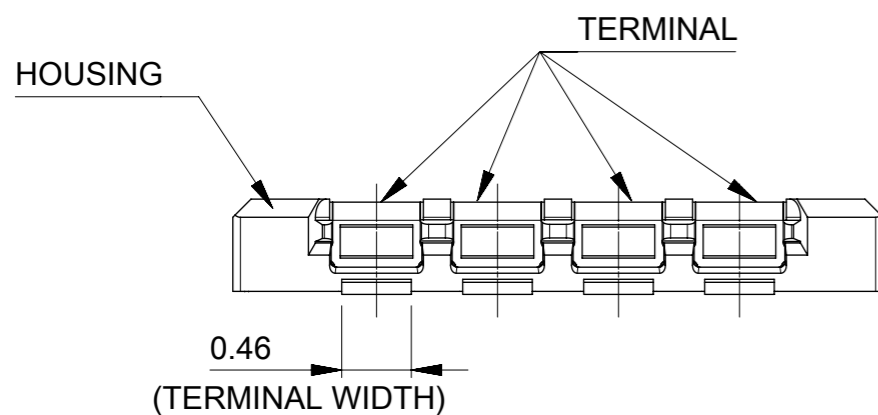


ISOMETRIC

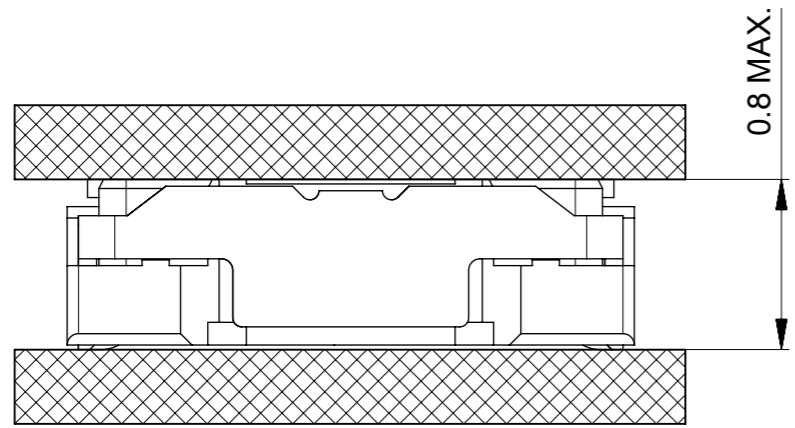
NOTES

1. MATERIAL  
HOUSING : LIQUIDE CRISTAL POLYMER UL94V-0 (COLOR:BLACK)  
TERMINAL FOR POWER OR SIGNAL CIRCUIT : COPPER ALLOY
2. PLATING  
TERMINAL FOR POWER OR SIGNAL CIRCUIT :  
CONTACT AREA : GOLD 0.1um MIN.  
TAIL AREA : GOLD 0.05um MIN.  
BASE PLATING : Ni 1.0um MIN.  
\* DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
3. MATE WITH : 207419 SERIES.
4. TAIL COPLANARITY TO BE 0.08mm MAXIMUM.

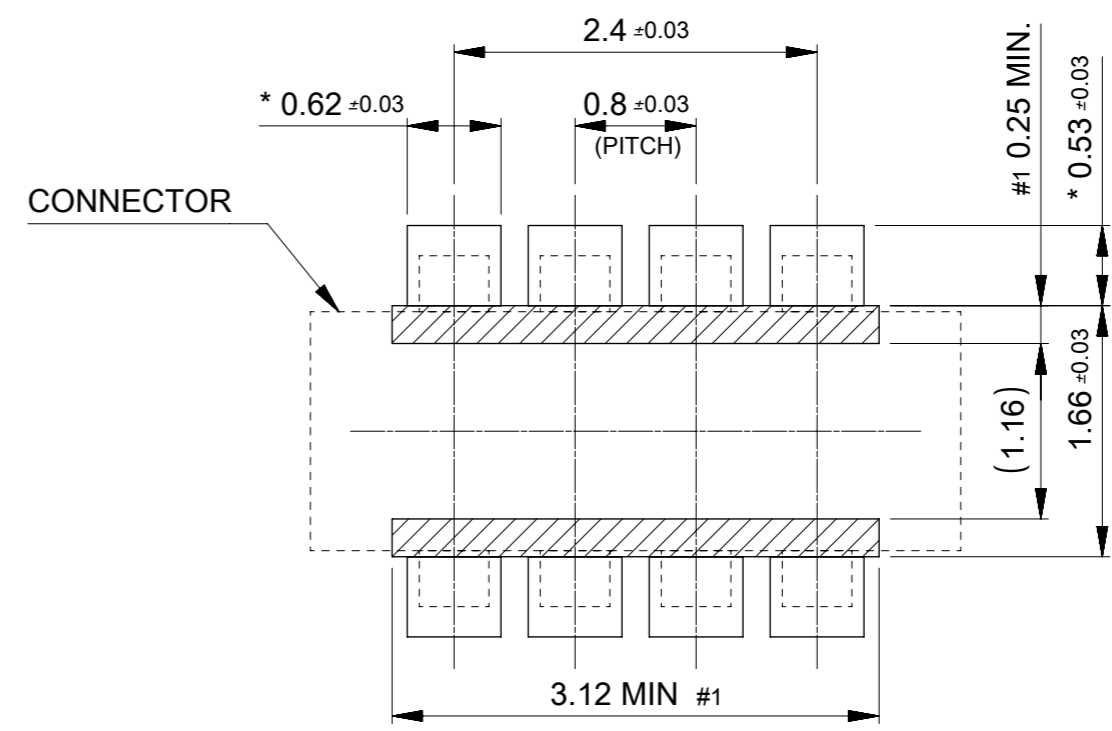


207420-0081	□	-	8
EMBOSSED TAPE PACKAGE	MASS PRODUCTION	LOW VOL. TOOL	CIRCUITS
ORDER No.	SAMPLE PREPARATION		
CONNECTOR SERIES No. : 207420			

<p>QUALITY SYMBOLS</p> <p>▽A = 0</p> <p>▽E = 0</p> <p>▽F = 0</p> <p>▼ = 0</p> <p>▽C = 0</p> <p>⊗ = 0</p> <p>■ = 0</p> <p>▽ = 0</p>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DIMENSION UNITS	SCALE	<p>0.8MM BATTERY BTB 8P PLUG ASSY</p> <p>PRODUCT CUSTOMER DRAWING</p>
	<p>EC NO: 632527</p> <p>DRWN: SYKO01</p> <p>CHK'D: SHCHU</p> <p>REV APPR: YSKIM02</p>	2020/02/18	2020/02/18	2020/02/20	mm	20:1	
		GENERAL TOLERANCES (UNLESS SPECIFIED)			DRWN BY	DATE	
		ANGULAR TOL ± 1.0 °			SYKO01	2018/03/16	
4 PLACES ±			CHK'D BY	DATE			
3 PLACES ± 0.1			KSKIM	2019/09/30			
2 PLACES ± 0.15			APPR BY	DATE			
1 PLACE ± 0.2			YSKIM02	2019/10/07			
0 PLACES ±			DRAWING SIZE	THIRD ANGLE PROJECTION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				
SERIES		MATERIAL NUMBER		CUSTOMER			
207420		SEE TABLE		GENERAL			
DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER		
2074200081			PSD	000	1 OF 4		



MATED CONDITION

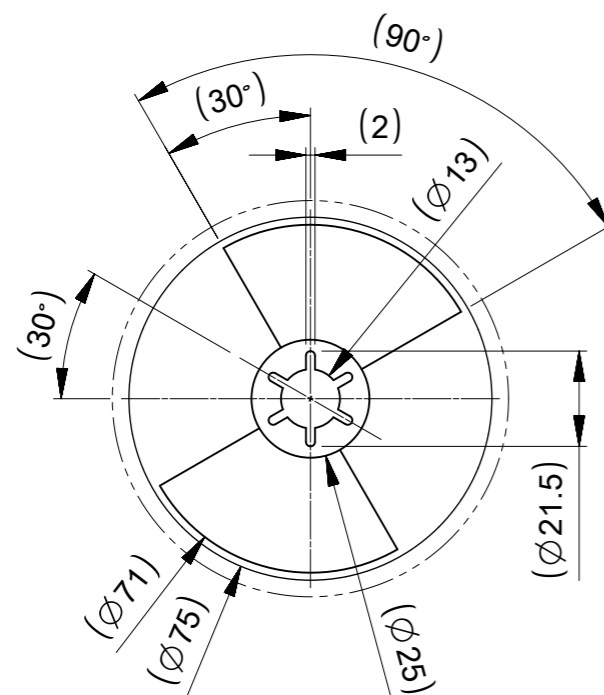
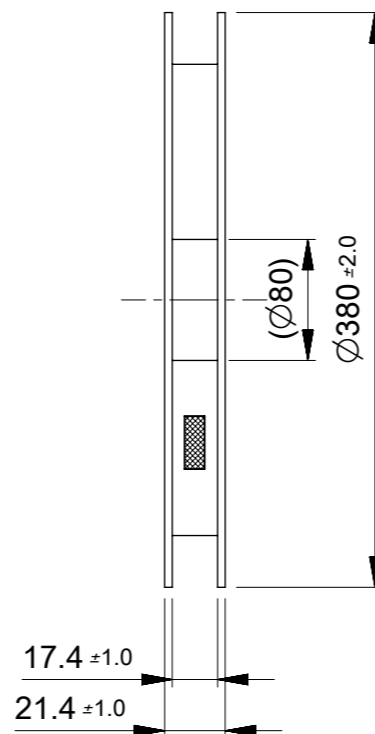
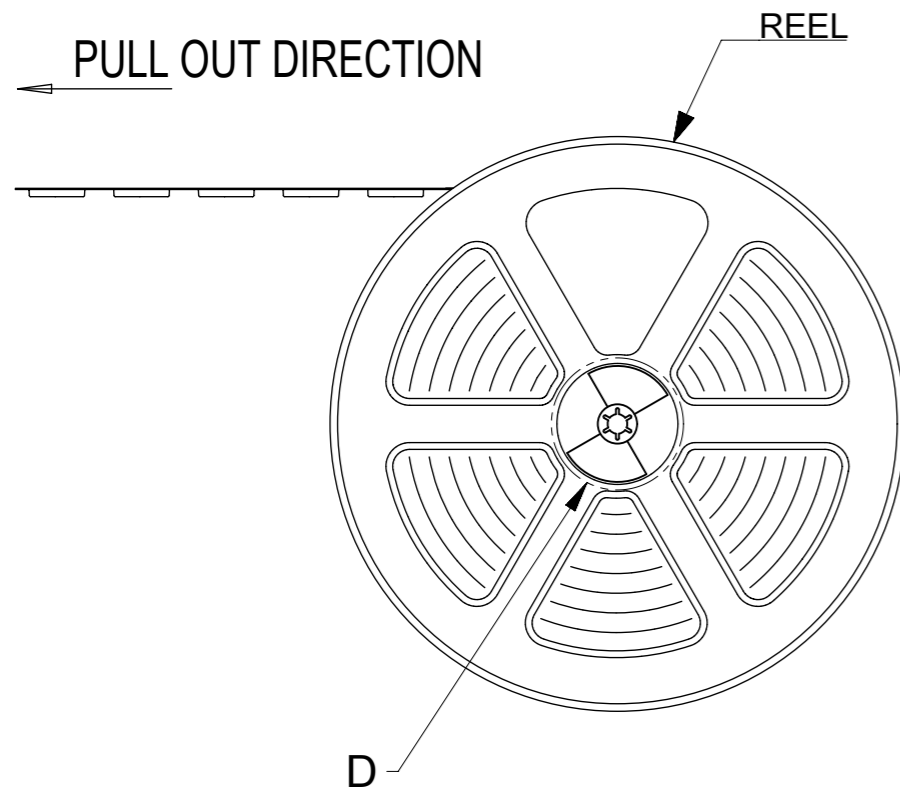


RECOMMENDED PCB PATTERN LAYOUT (FOR REFERENCE)  
 RECOMMENDED THICKNESS OF METAL MASK : t=0.1mm  
 RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 70%

\* : AFTER SMT, THE SOLDER ON THE UPPER SURFACE OF THE PLUG SHOULD NOT HIGHER THAN 0.04mm

#1  
 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.  
 (FOR EACH AREA THE WIRING CAN NOT BE AVAILABLE AND COVERED WITH A FILM KEEP SOLDER OUT)

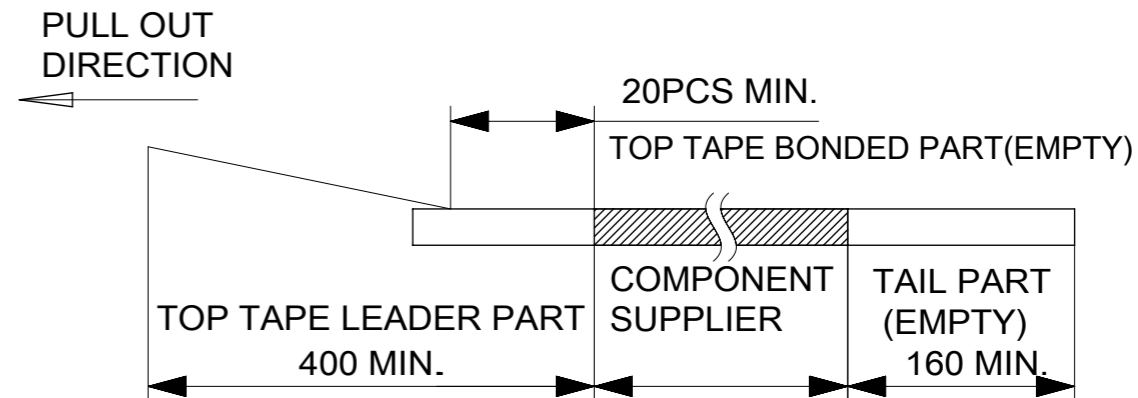
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
QUALITY SYMBOLS ▽A = 0 ▽E = 0 ▽F = 0 ▼ = 0 ▽C = 0 ⊗ = 0 ■ = 0 ▽ = 0	EC NO:	632527	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
	DRWN:	SYKO01	ANGULAR TOL ± 1.0 °		mm	20:1						
	CHK'D:	SHCHU	4 PLACES	±	DRWN BY	DATE	0.8MM BATTERY BTB 8P PLUG ASSY					
	APPR:	YSKIM02	3 PLACES	± 0.1	SYKO01	2018/03/16						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			2 PLACES	± 0.15	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING				
				1 PLACE	± 0.2	KSKIM	2019/09/30					
				0 PLACES	±	APPR BY	DATE	SERIES: 207420    MATERIAL NUMBER: SEE SHEET 1    CUSTOMER: GENERAL				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		YSKIM02	2019/10/07					
						DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER: 2074200081    DOC TYPE: PSD    DOC PART: 000    SHEET NUMBER: 2 OF 4				
						A3						



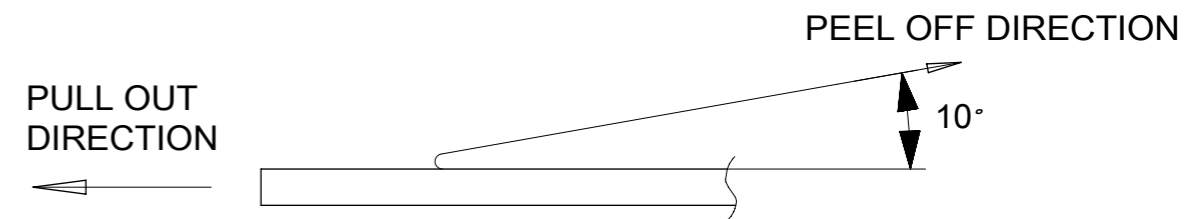
DETAIL D  
SCALE 2:1

NOTES

1. NUMBER OF CONNECTORS : 7,000PCS/REEL
2. LEAD TAPE LENGTH :

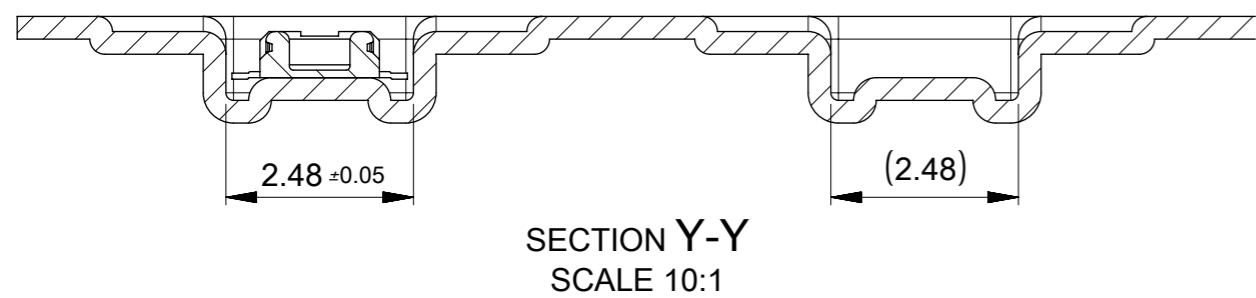
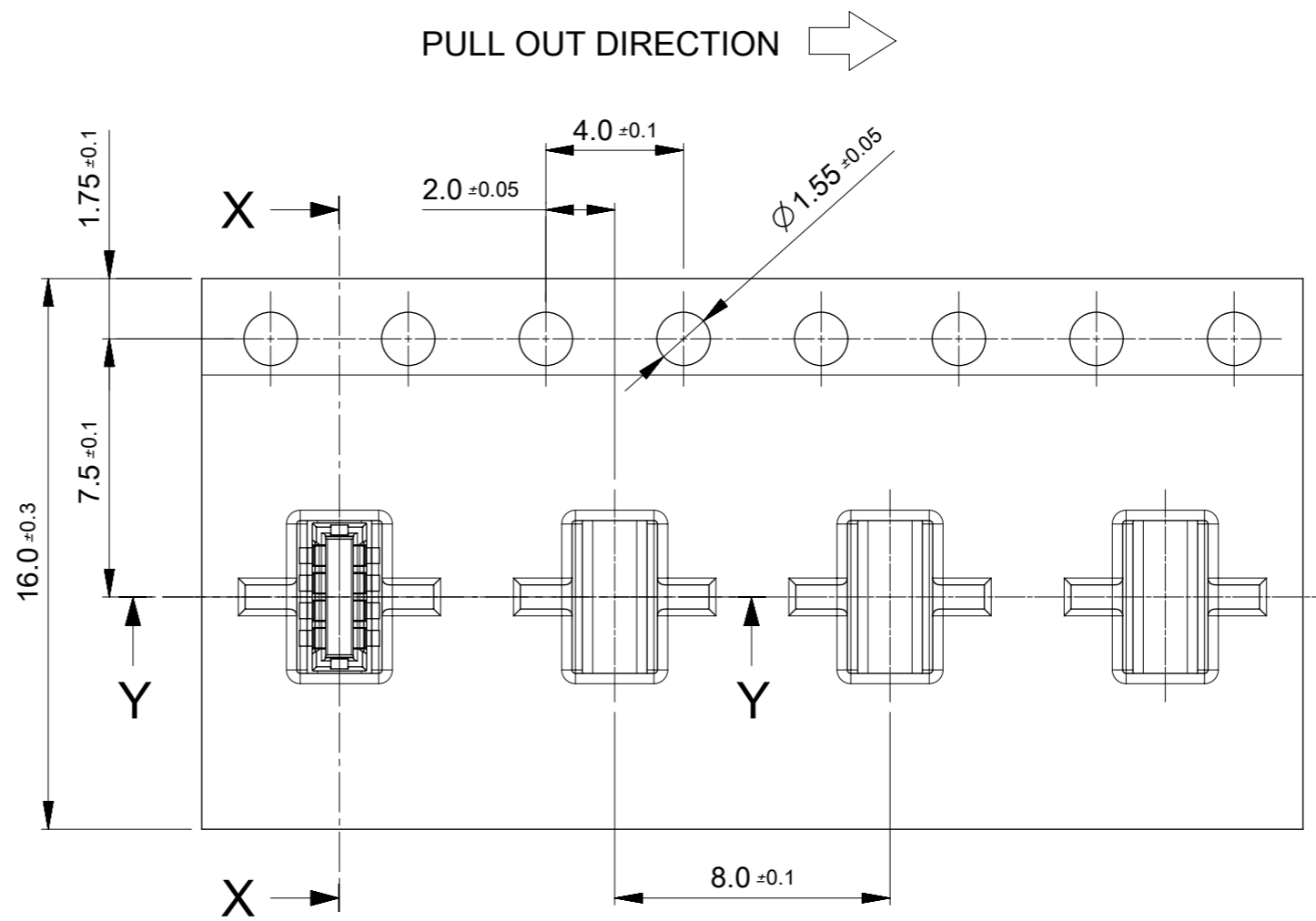
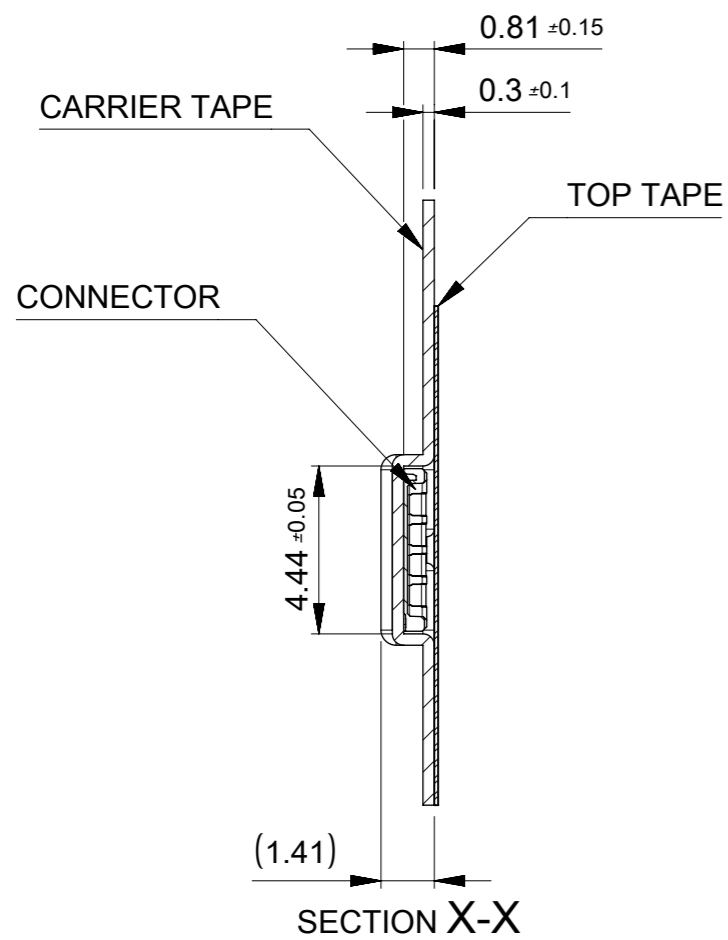


3. PEEL OFF FORECE OF THE TOP TAPE IS DEFINED BY IEC 60286-3 OR JES-59.  
- PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.  
(PEEL OFF FORCE OF TOP TAPE :  $0.6 \pm 0.35N(60 \pm 35gf)$ )  
(PEEL OFF SPEED : 300mm/Min.(REF))



4. TOP TAPE POSITION  
NO MORE THAN 1/3 OF PILOT HOLE DIAMETER IS COVERED WITH TOP TAPE.
5. MATERIAL  
CARRIER TAPE : POLYSTYRENE  
TOP TAPE : PET, OTHER  
REEL : PS  
POLYSTYRENE(PS) (RECYCLE MATERIAL CONTAINED)
6. MUST MEET THE CHAMICAL SUBSTANCE GUIDELINE TO CONTROL ENVIRONMENTAL HAZARDOUS SUBSTANCES.
7. REFER TO PS-2074190000 FOR CONDITIONS AFTER OPEN.

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QUALITY SYMBOLS	EC NO: 632527 DRWN: SYKO01 CHK'D: SHCHU APPR: YSKIM02	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE					
		ANGULAR TOL $\pm 1.0^\circ$		mm	1:1					
$\nabla_A = 0$	2020/02/18 2020/02/18 2020/02/20	4 PLACES $\pm$	DRWN BY	DATE	0.8MM BATTERY BTB 8P PLUG ASSY					
$\nabla_E = 0$		3 PLACES $\pm 0.1$	SYKO01	2018/03/16						
$\nabla_F = 0$		2 PLACES $\pm 0.15$	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING					
$\blacktriangledown = 0$		1 PLACE $\pm 0.2$	KSKIM	2019/09/30						
$\nabla_C = 0$		0 PLACES $\pm$	APPR BY	DATE	SERIES: 207420    MATERIAL NUMBER: SEE SHEET 1    CUSTOMER: GENERAL					
$\boxtimes = 0$		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	YSKIM02	2019/10/07						
$\blacksquare = 0$		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER: 2074200081    DOC TYPE: PSD    DOC PART: 000    SHEET NUMBER: 3 OF 4						
$\nabla = 0$		A3								



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
QUALITY SYMBOLS	EC NO: 632527 DRWN: SYKO01 CHK'D: SHCHU APPR: YSKIM02	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
		ANGULAR TOL ± 1.0 °		mm	5:1				
▽A = 0	A2 REV	4 PLACES ±	DRWN BY	DATE	0.8MM BATTERY BTB 8P PLUG ASSY				
▽E = 0		3 PLACES ± 0.1	SYKO01	2018/03/16					
▽F = 0		2 PLACES ± 0.15	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING				
▼ = 0		1 PLACE ± 0.2	KSKIM	2019/09/30					
▽C = 0		0 PLACES ±	APPR BY	DATE	SERIES: 207420    MATERIAL NUMBER: SEE SHEET 1    CUSTOMER: GENERAL				
⊗ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	YSKIM02	2019/10/07					
■ = 0		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER: 2074200081    DOC TYPE: PSD    DOC PART: 000    SHEET NUMBER: 4 OF 4					
▽ = 0		A3							