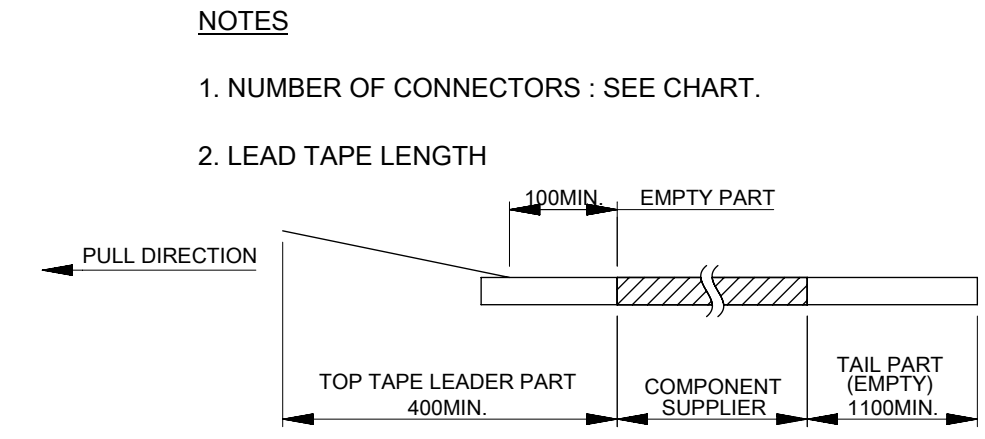
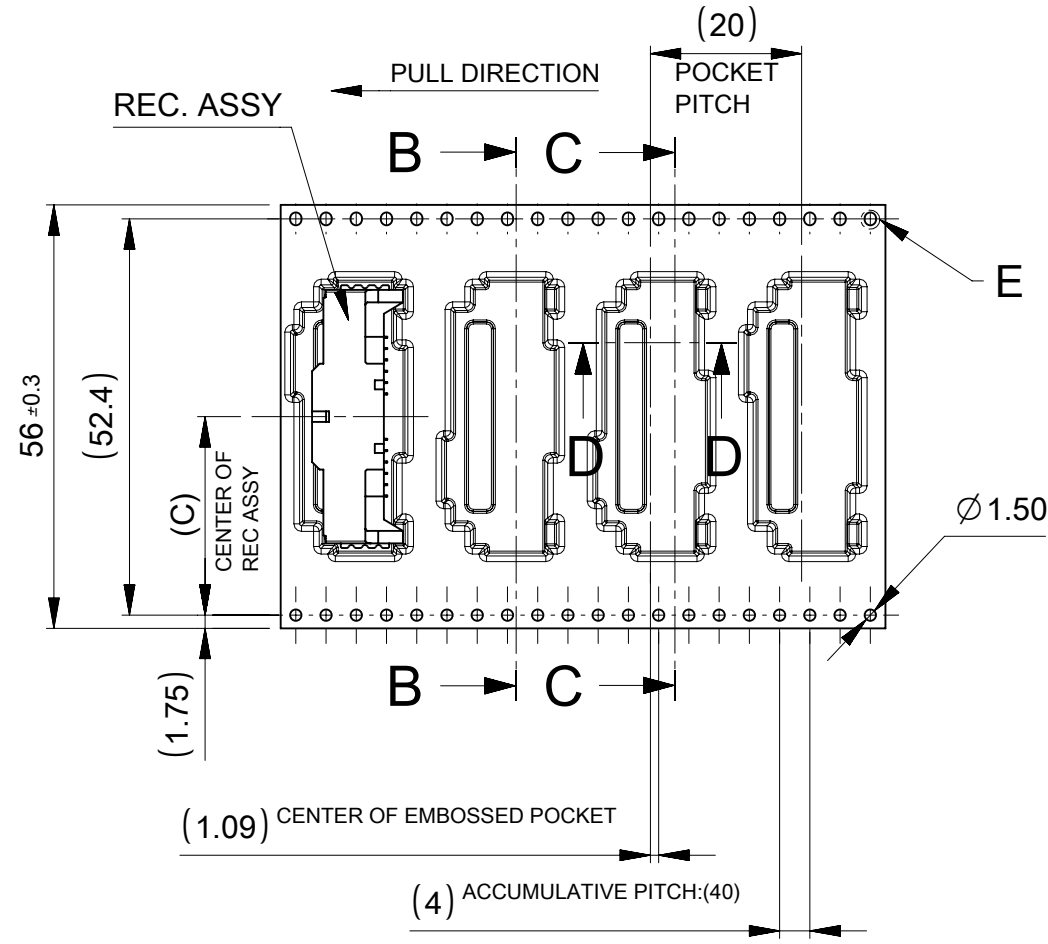
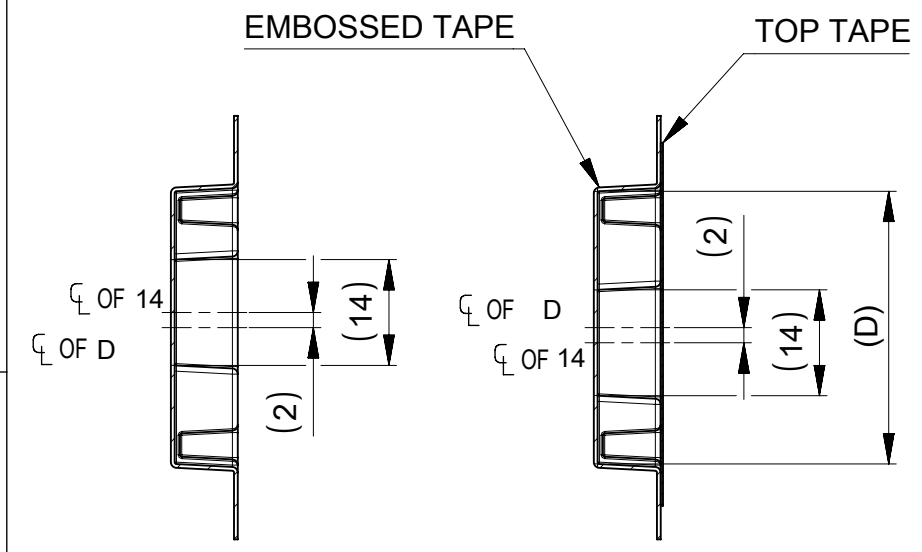
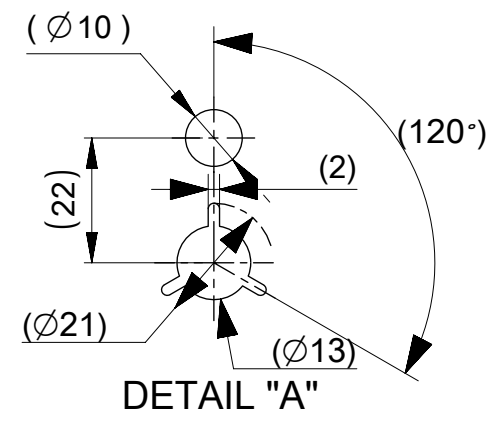
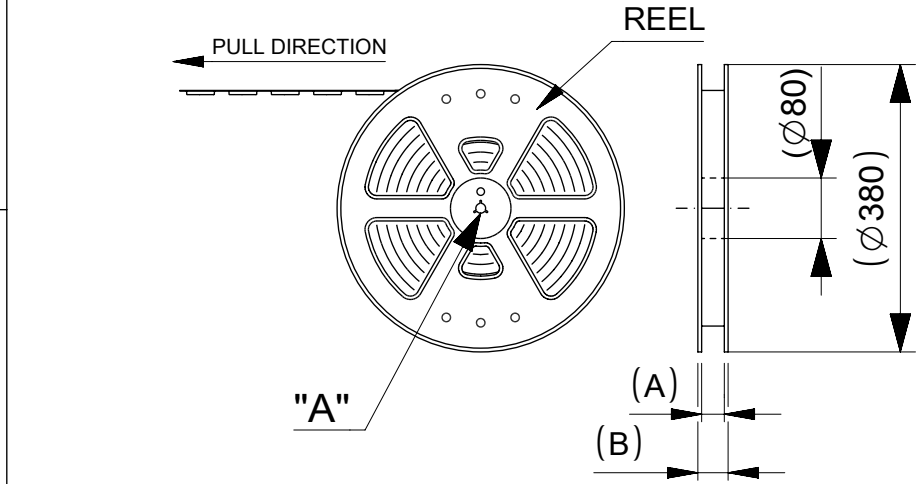
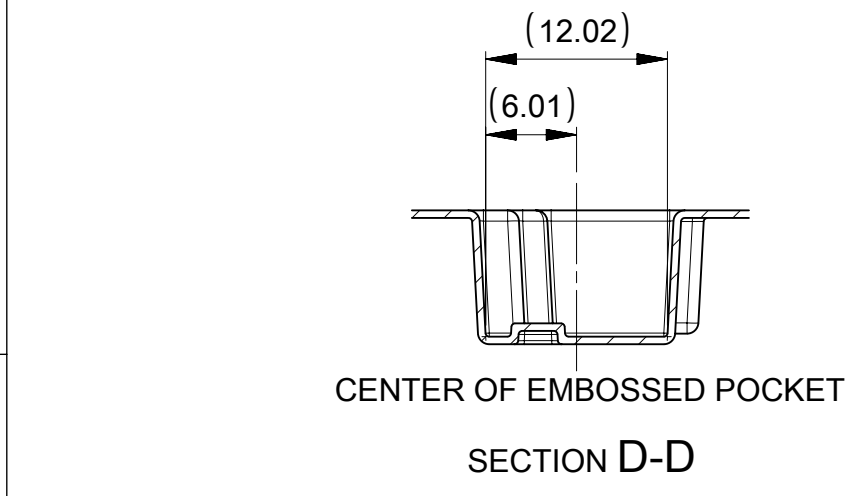
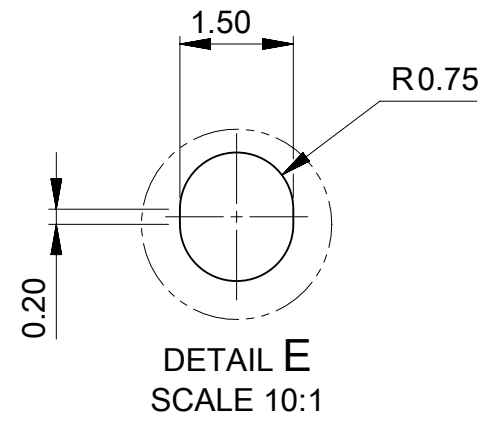
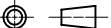




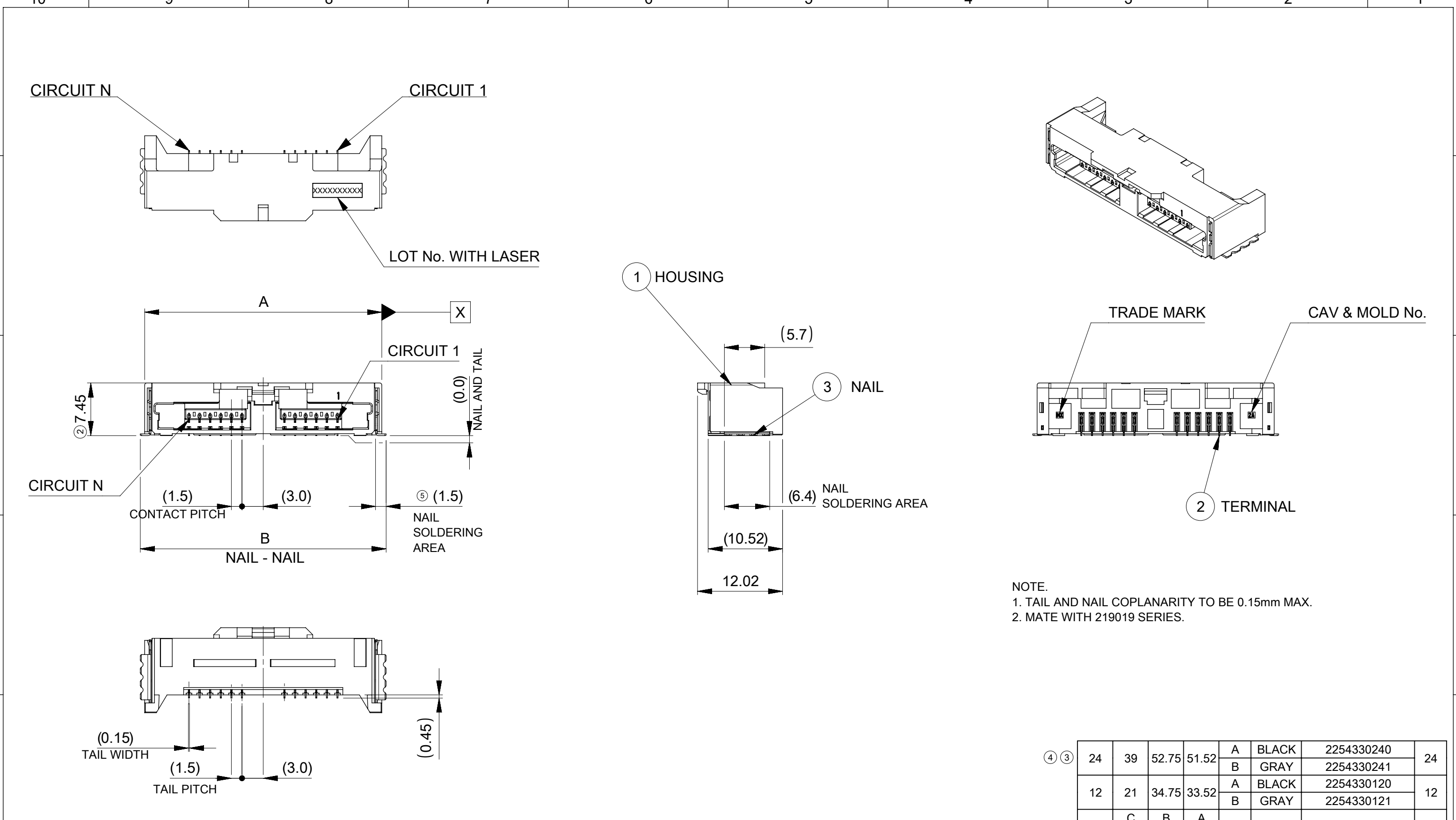
- NOTES
1. NUMBER OF CONNECTORS : SEE CHART.
 2. LEAD TAPE LENGTH
 3. COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
 4. DIMENTIONS OF PRODUCT, REFER TO 2254331000-SD/RSD.
 5. EMBOSSED TAPE : POLYSTYRENE
TOP TAPE : POLYETHYLENE TEREHTHALATE, POLYETHYLENE
REEL : POLYSTYRENE < RECYCLE MATERIAL CONTAINED >



450	36.05	26.25	61.5	57.5	A	BLACK	225433 0120	12
					B	GRAY	225433 0121	
NUMBER OF CONNECTORS	D	C	B	A	POL	COLOR	ORDER NO.	CKT

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: 813063 DRWN: SYKO01 2025/02/24 CHK'D: JBJIN 2025/03/04 APPR: JBJIN 2025/03/04 INITIAL REVISION: DRWN: SYKO01 2025/02/05 APPR: JBJIN 2025/03/04 THIRD ANGLE PROJECTION DRAWING SERIES A3-SIZE 225433			molex 1.5 FPC CONN 1ROW REC ASSY RA EMBSTP PKG 12P			
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)						PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 2254330000-SD DOC TYPE PSD DOC PART 001 REVISION A2			
ANGULAR TOL ± 3.0 °									
4 PLACES ± 0.2									
3 PLACES ± 0.2			PRODUCT CUSTOMER DRAWING						
2 PLACES ± 0.2									
1 PLACE ± 0.25									
0 PLACES ± 0.3			PRODUCT CUSTOMER DRAWING						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION 									

A2	CAD SYSTEOM ERROR	2025/02/24
A1		2025/02/17
A	RELEASED	2025/02/05
1	PROPOSED	2025/02/05
REV.	REV. RECORD	DATE



NOTE.
1. TAIL AND NAIL COPLANARITY TO BE 0.15mm MAX.
2. MATE WITH 219019 SERIES.

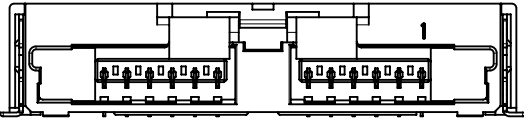
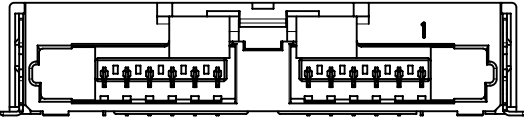
④ ③	24	39	52.75	51.52	A	BLACK	2254330240	24
					B	GRAY	2254330241	
	12	21	34.75	33.52	A	BLACK	2254330120	12
					B	GRAY	2254330121	
N	C	B	A		POL	COLOR	ORDER NUMBER	CKT
				DIMENSION				

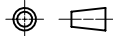
No.	PART	MATERIAL			
①	HOUSING	POLYAMIDE(PA9T),GLASS FILLED, UL94V-0, BLACK/GRAY			
②	TERMINAL	COPPER ALOY			
		CONTACT AREA		GOLD PLATING	
		TAIL AREA		GOLD PLATING	
		UNDER PLATING(WHOLE AREA)		NICKEL PLATING	
③	NAIL	BRASS			
		SOLDERING AREA		GOLD PLATING	
		UNDER PLATING(WHOLE AREA)		NICKEL PLATING	
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/02	07:09:03

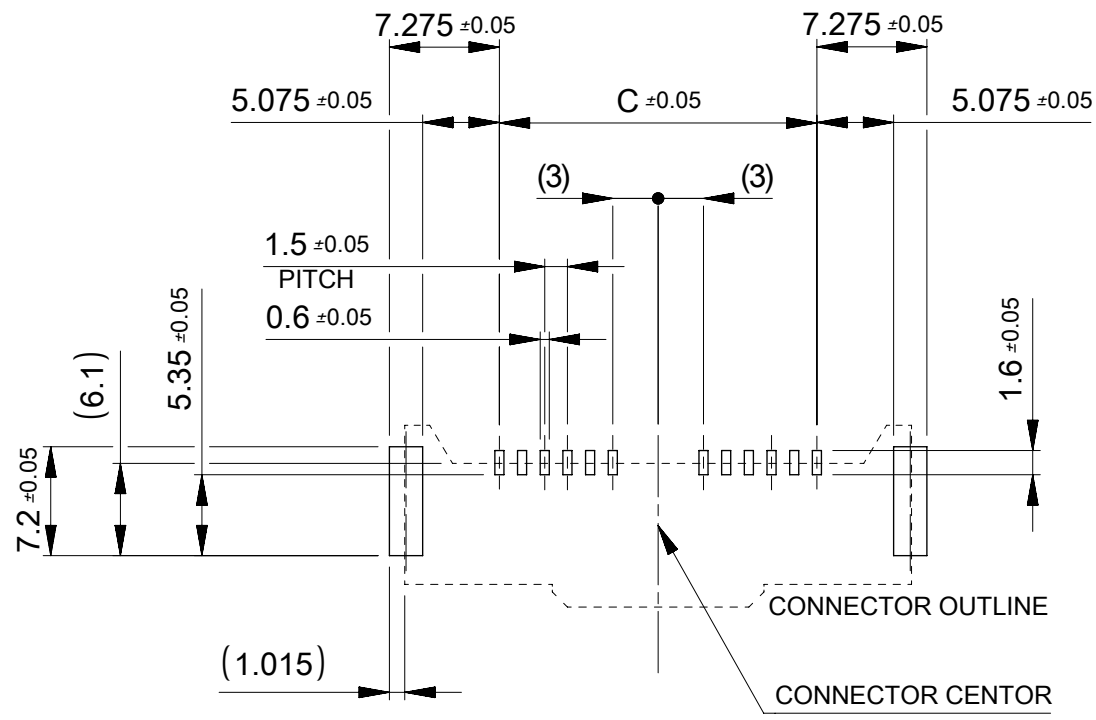
A	RELEASED	2025/09/02
5	DIMENSION NOTATION ERROR	2025/06/26
4	THE ERROR IN THE "A AND B" DIMENSION NOTATION OF 24CKTS.	2025/06/09
3	ADD NEW CKT NUMBER AND APPLY PG16 IMPROVEMENT TERMINAL	2024/06/14
2	DIMENSION POINT ERROR CORRECTION	2023/07/17
1	PROPOSED	2023/05/12
REV.	REV. RECORD	DATE

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 1.5 FPC CONN 1ROW REC ASSY RA					
mm		2:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 833342							PRODUCT CUSTOMER DRAWING		
ANGULAR TOL ± 3.0 °			DRWN: SYK001 2025/09/02									
4 PLACES		± 0.2	CHK'D: ALIN06 2025/09/02				INITIAL REVISION:					
3 PLACES		± 0.2	APPR: ALIN06 2025/09/02									
2 PLACES		± 0.2	DRWN: IHYOU 2023/05/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
1 PLACE		± 0.2	APPR: ALIN06 2025/09/02				2254331000-SD		PSD	000	A	
0 PLACES		± 0.2	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
					A3-SIZE		225433		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
							SEE TABLE		GENERAL		1 OF 3	

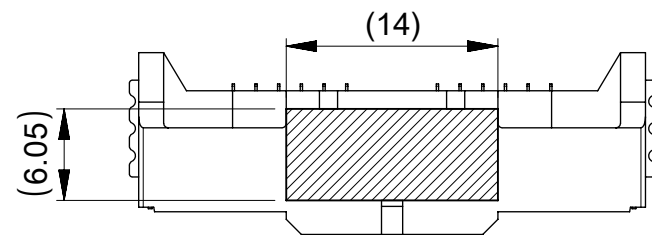
POLARIZATION KEY OVERVIEW

ORDER NUMBER	CKT	POL	OVERVIEW	COLOR
EMBOSSED PKG				
2254330120	12	A		BLACK
2254330240	24			
2254330121	12	B		GRAY
2254330241	24			

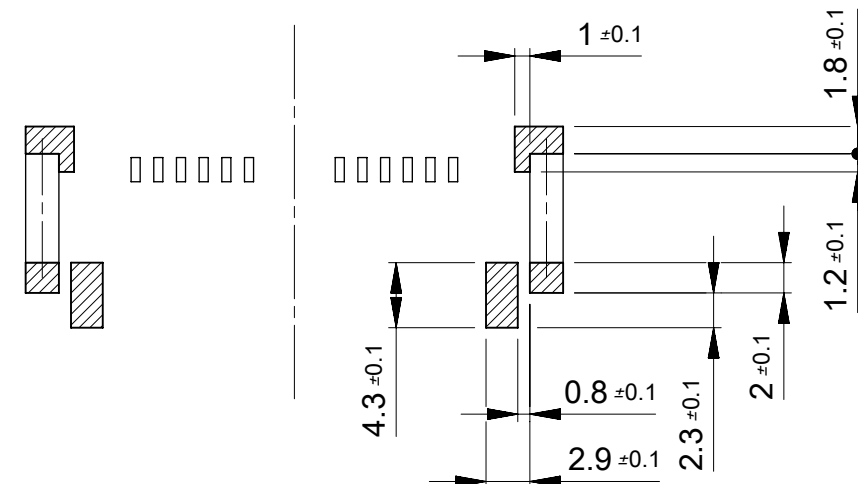
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex						
mm		2:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				1.5 FPC CONN 1ROW REC ASSY RA									
ANGULAR TOL ± 3.0 °													
4 PLACES		± 0.2		EC NO: 833342 DRWN: SYKO01 CHK'D: ALIN06 APPR: ALIN06			2025/09/02 2025/09/02 2025/09/02						
3 PLACES		± 0.2											
2 PLACES		± 0.2											
1 PLACE		± 0.2		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING						
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		225433		2254331000-SD	PSD	000	A
										SEE TABLE	GENERAL		SHEET NUMBER
													2 OF 3



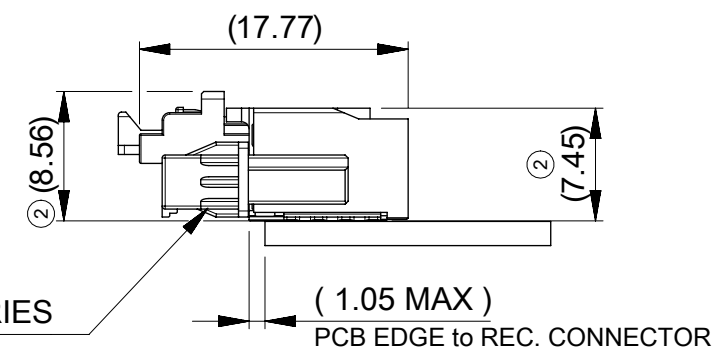
RECOMMENDED PCB PATTERN LAYOUT
(REFERENCE: METAL MASK THICKNESS 0.15MM±0.05, APERTURE RATIO 100%)



PICK UP AREA

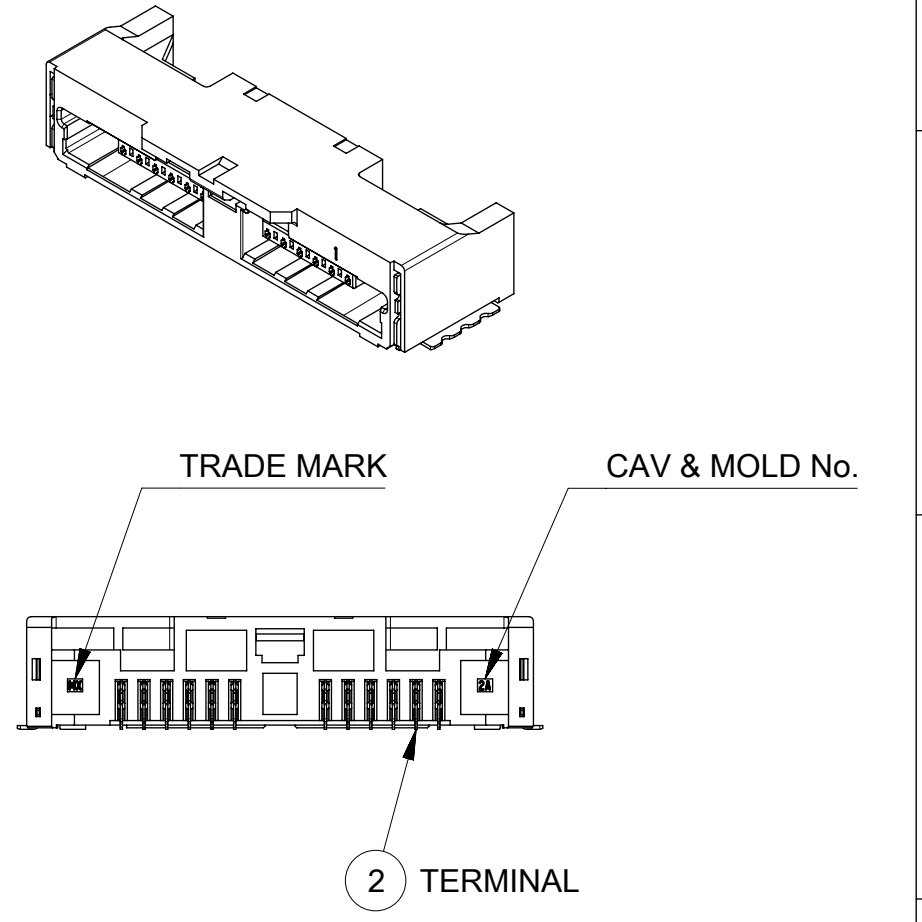
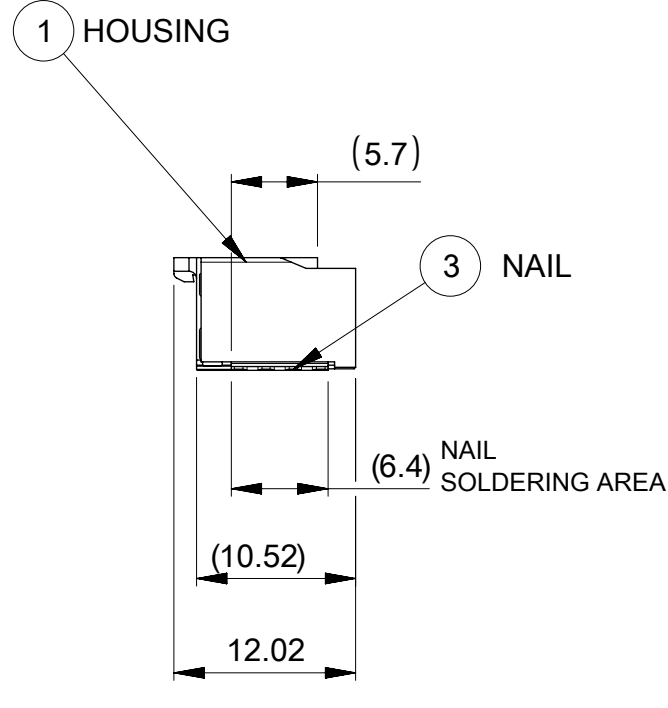
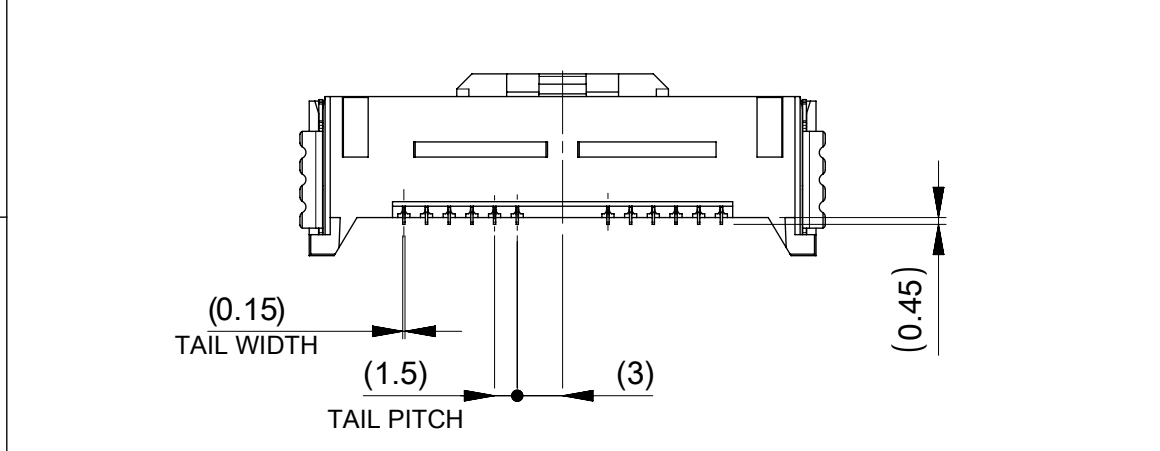
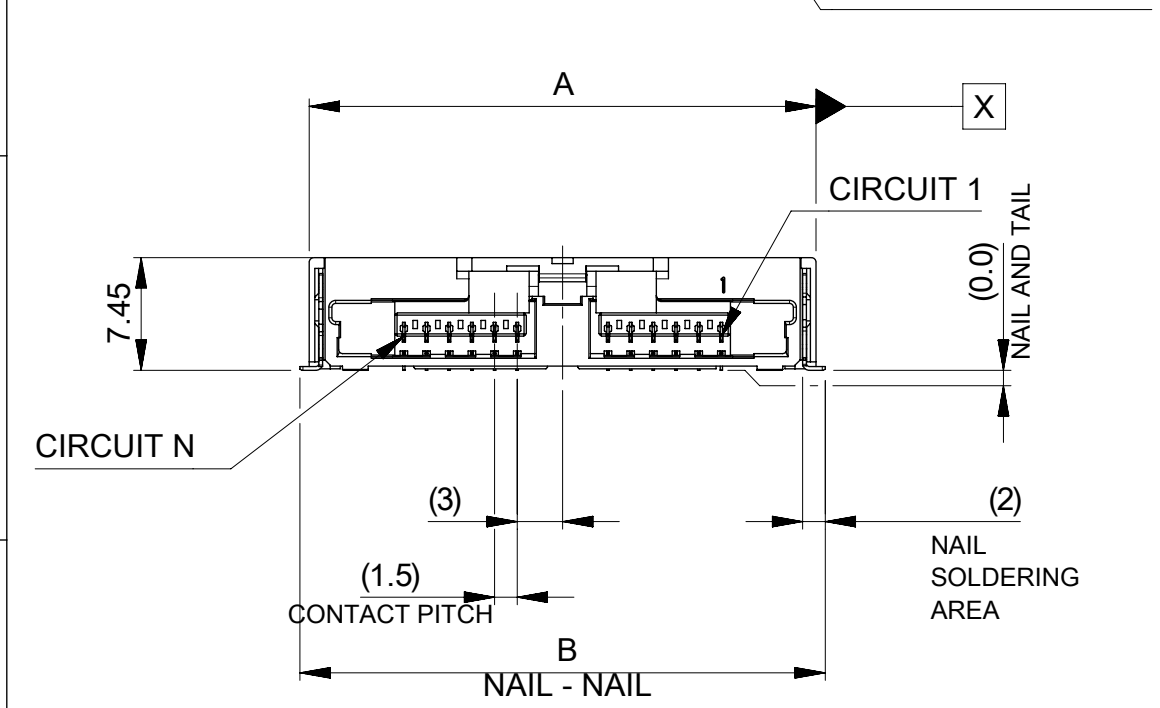
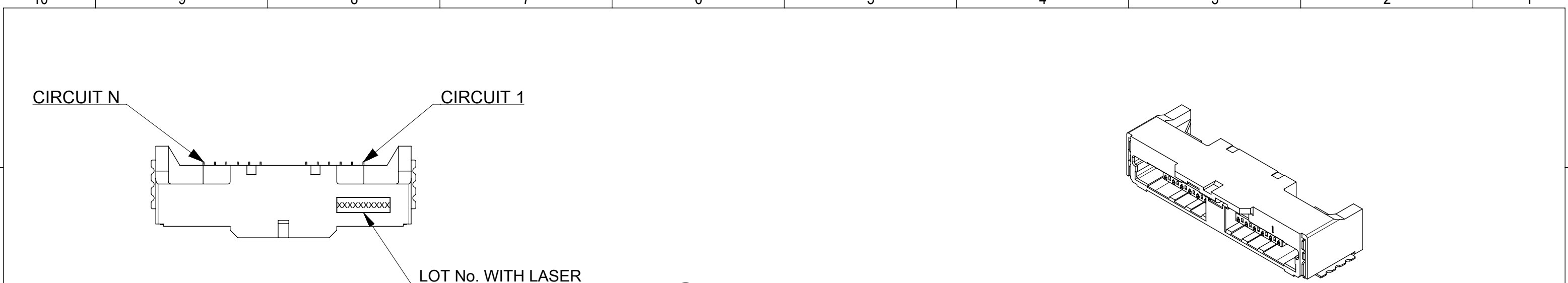


PATTERN DEPRECATED AREA
PATTERN AND SOLDERING ARE NOT RECOMMENDED ON THE HATCHED AREA.



MATED CONNECTORS

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		2:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				1.5 FPC CONN 1ROW REC ASSY RA									
ANGULAR TOL ± 3.0 °													
4 PLACES		± 0.2		EC NO: 833342			PRODUCT CUSTOMER DRAWING						
3 PLACES		± 0.2		DRWN: SYKO01 2025/09/02									
2 PLACES		± 0.2		CHK'D: ALIN06 2025/09/02									
1 PLACE		± 0.2		APPR: ALIN06 2025/09/02			DOCUMENT NUMBER						
0 PLACES		± 0.2		INITIAL REVISION:						2254331000-SD			
DRWN: IHYOU 2023/05/10				DOC TYPE			DOC PART		REVISION				
APPR: ALIN06 2025/09/02				PSD			000		A				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE	225433	SEE TABLE		GENERAL		3 OF 3	

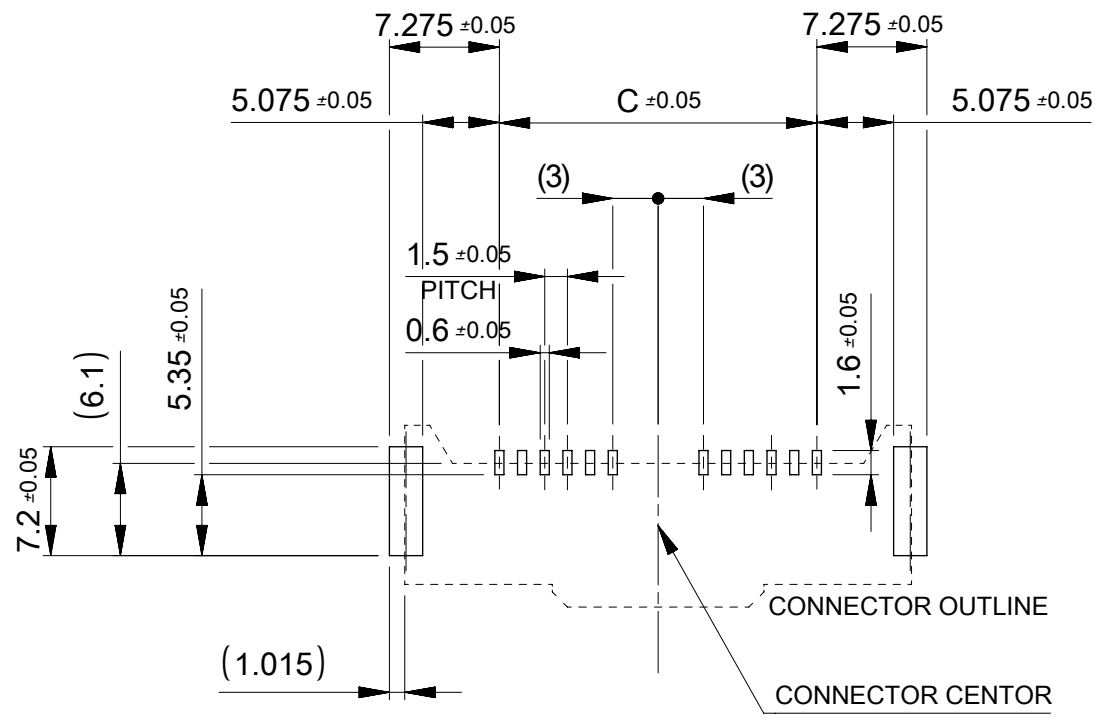


NOTE.
1. TAIL AND NAIL COPLANARITY TO BE 0.15mm MAX.
2. MATE WITH 219019 SERIES.

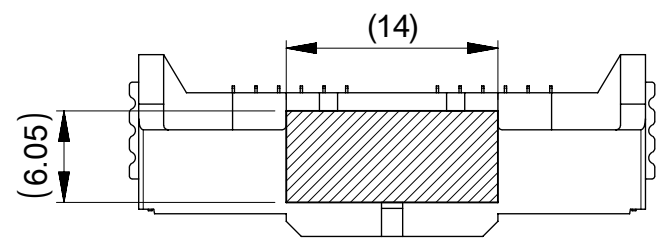
No.	PART	MATERIAL				
①	HOUSING	POLYAMIDE(PA9T),GLASS FILLED, UL94V-0, BLACK/GRAY				
②	TERMINAL	COPPER ALOY				
		CONTACT AREA		GOLD PLATING		
		TAIL AREA		GOLD PLATING		
		UNDER PLATING(WHOLE AREA)		NICKEL PLATING		
③	NAIL	BRASS				
		SOLDERING AREA		GOLD PLATING		
		UNDER PLATING(WHOLE AREA)		NICKEL PLATING		
DOCUMENT STATUS		P1	RELEASE DATE	2025/03/04	06:33:36	

A2	CAD SYSTEMOM ERROR	2025/02/24
A1		2025/02/17
A	RELEASED	2025/02/05
1	PROPOSED	2025/02/05
REV.	REV. RECORD	DATE

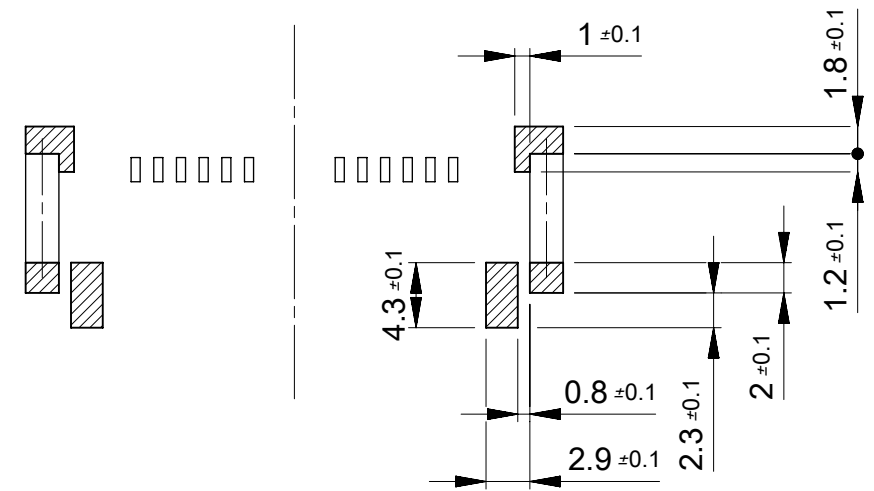
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				1.5 FPC CONN 1ROW REC ASSY RA 12P					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2		EC NO: 813063				PRODUCT CUSTOMER DRAWING	
3 PLACES		± 0.2		DRWN: SYKO01 2025/02/24					
2 PLACES		± 0.2		CHK'D: JBJIN 2025/03/04					
1 PLACE		± 0.2		APPR: JBJIN 2025/03/04				DOCUMENT NUMBER 2254331000-SD DOC TYPE PSD DOC PART 001 REVISION A2	
0 PLACES		± 0.2		INITIAL REVISION:					
				DRWN: SYKO01 2025/02/05					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A3-SIZE		1 OF 3	



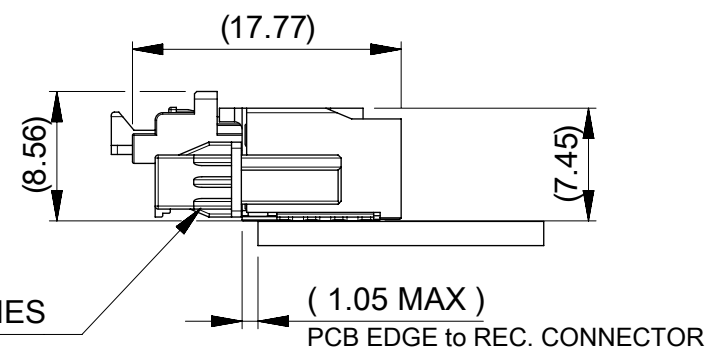
RECOMMENDED PCB PATTERN LAYOUT
(REFERENCE: METAL MASK THICKNESS 0.15MM±0.05, APERTURE RATIO 100%)



PICK UP AREA



PATTERN DEPRECATED AREA
PATTERN AND SOLDERING ARE NOT RECOMMENDED ON THE HATCHED AREA.



MATE WITH : 219019 SERIES

MATED CONNECTORS

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		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 813063 DRWN: SYKO012025/02/24 CHK'D: JBJIN2025/03/04 APPR: JBJIN2025/03/04				1.5 FPC CONN 1ROW REC ASSY RA 12P							
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING							
4 PLACES ± 0.2								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
3 PLACES ± 0.2								2254331000-SD		PSD		001		A2	
2 PLACES ± 0.2															
1 PLACE ± 0.2															
0 PLACES ± 0.2															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER					
						A3-SIZE		225433		SEE TABLE					
								GENERAL		SHEET NUMBER					
										3 OF 3					