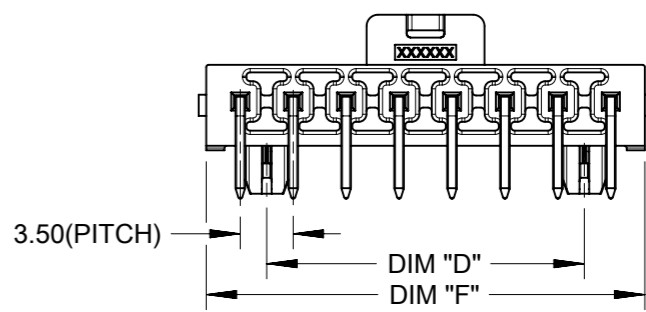
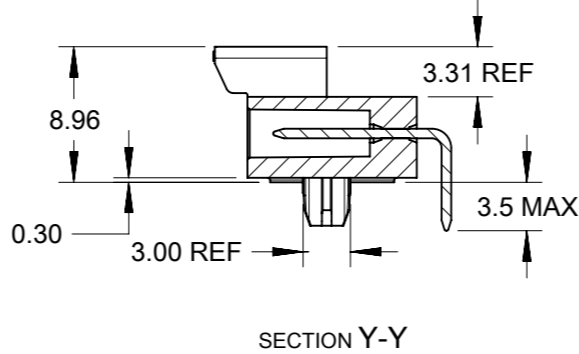
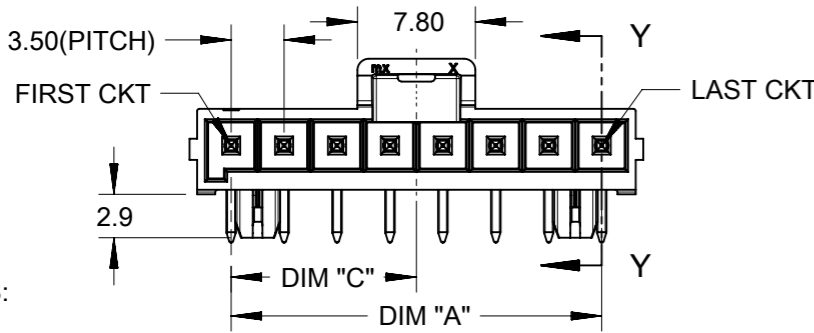
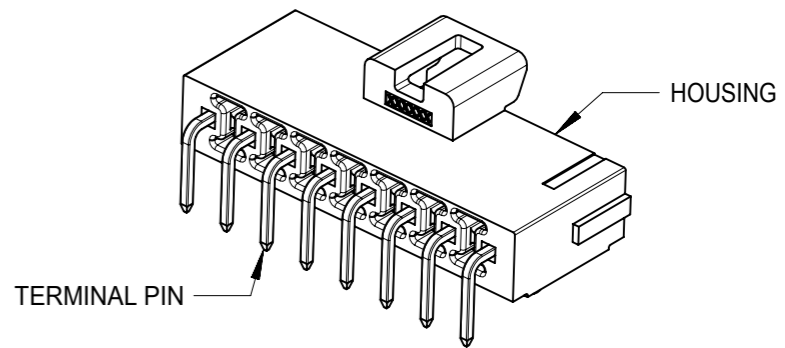
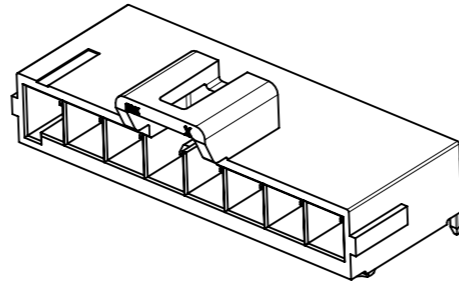
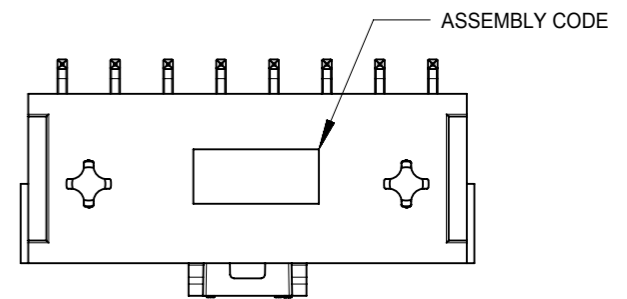
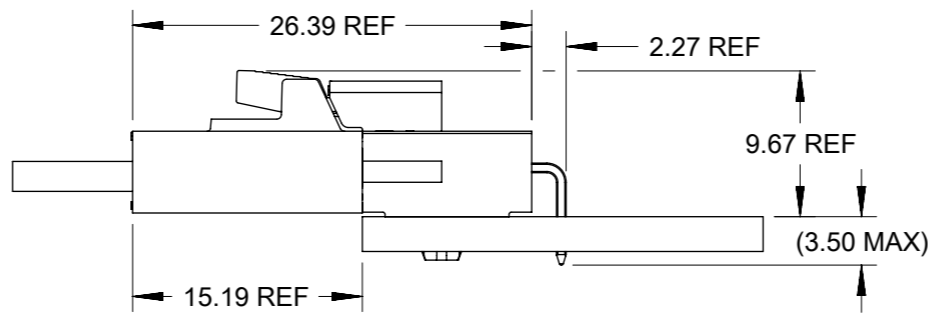


FIRST CIRCUIT MARK
(NOT SHOWING ON 2
AND 3 CIRCUITS SERIES)



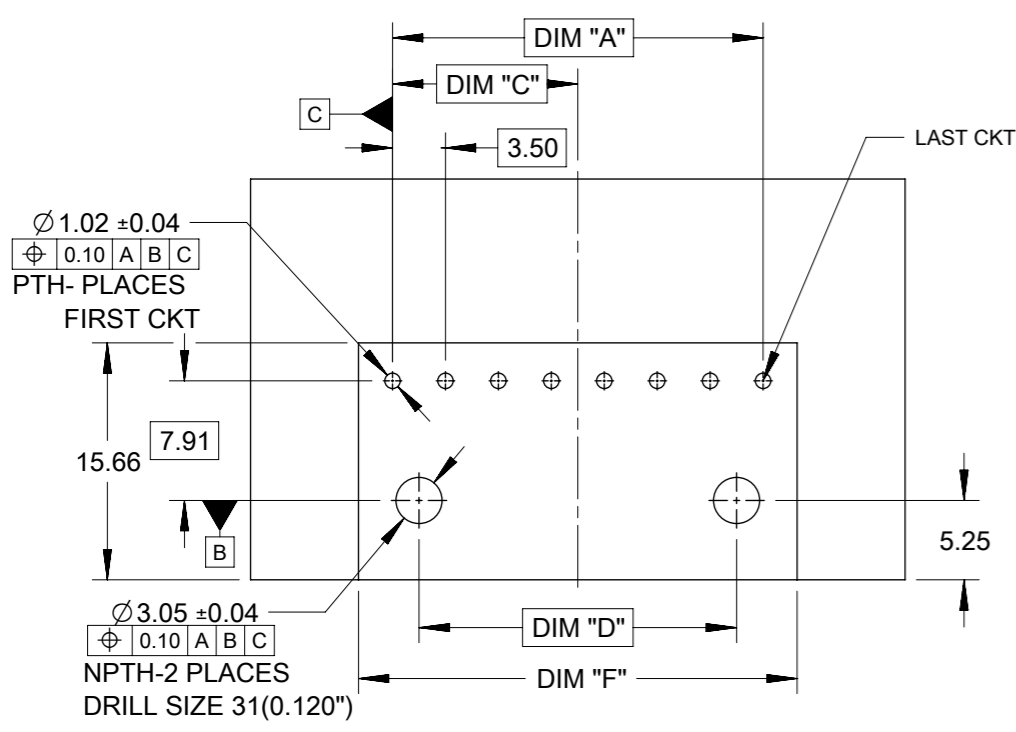
NOTES:

1. MATERIAL :
HOUSING
OPTION 1: LCP BLACK, UL94 V-0
OPTION 2: LCP NATURAL, UL94 V-0
TERMINAL: COPPER ALLOY
2. PLATING FINISH:
OPTION 1 - 1.5µm(60µin)-2.5µm(100µin) TIN OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 2 - 0.35µm(15µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 3 - 0.70µm(30µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
2. PARTS TO BE PACKAGED PER PK-172310-9001
3. PRODUCT SPECIFICATION PS-172323-0001
4. PART MATES WITH MOLEX RECEPTACLE HOUSING
172256 AND 172260
5. PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION
PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE
HOLES AND FRONT SURFACE.
6. DISCOLORATION IN THE BANDOLIER AREA OF THE PIN IS
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING
EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL
AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE
HEADER ASSEMBLY.
7. ASSEMBLY SPECIFICATION: AS-172323-0001

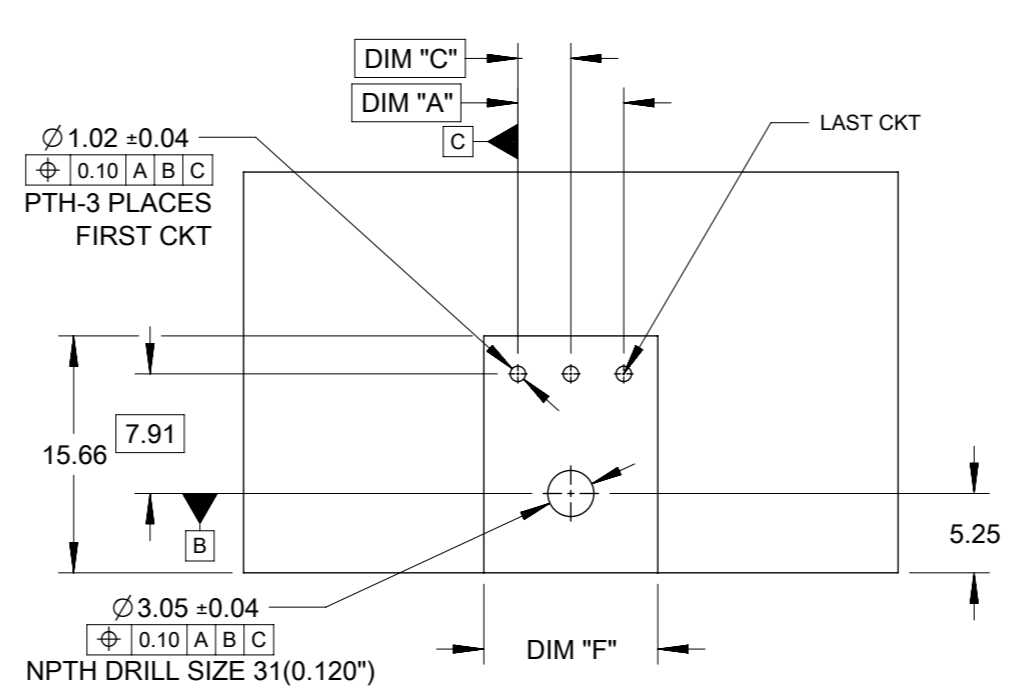


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510807.						molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 726454 DRWN: LIKITV 2022/10/25 CHK'D: GGA 2022/11/30 APPR: GGA 2022/11/30							
4 PLACES ±		3 PLACES ±		2 PLACES ± 0.25		1 PLACE ± 0.5		0 PLACES ±		INITIAL REVISION: DRWN: DROSCA 2014/03/05 APPR: JCOMERCI 2014/04/24	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 172310		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET	
DOCUMENT STATUS P1		RELEASE DATE 2022/11/30 11:33:41		DOCUMENT NUMBER SD-172310-1000		DOC TYPE PSD		DOC PART 000		REVISION C5	
DATE: 2021/05/01		9		8		7		6		5	
										1 OF 3	

TIN PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-2105	NATURAL	5	KEY B	14.00	18.50	7.00	10.50



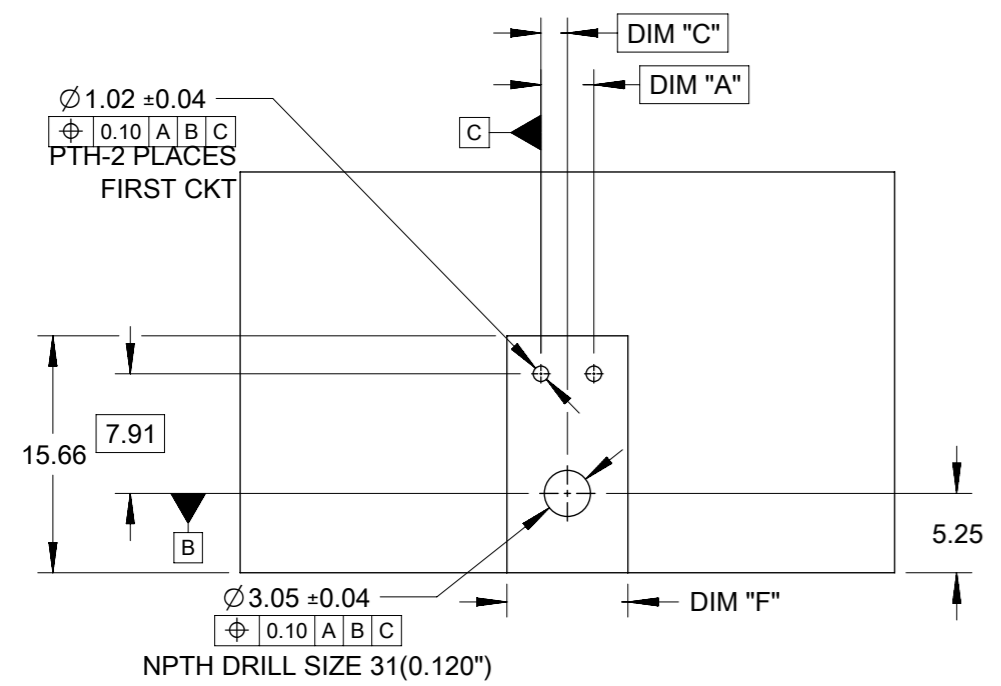
PCB LAYOUT 4,5,6,7 AND 8 COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



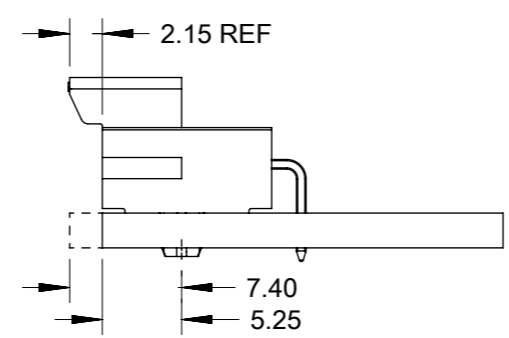
PCB LAYOUT 3 CIRCUIT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM

15 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-2205	NATURAL	5	KEY B	14.00	18.50	7.00	10.50
172310-2207	NATURAL	7	KEY B	21.00	25.50	10.50	17.50

30 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-2304	NATURAL	4	KEY B	10.50	15.00	5.25	7.00



PCB LAYOUT 2 CIRCUIT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM

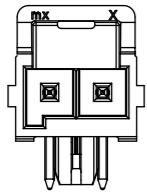


OPTION 1: LATCH FLUSH WITH PCB EDGE
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE

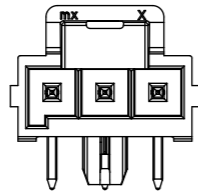
NOTE: DATUM -A- IS ON PCB COMPONENT SIDE

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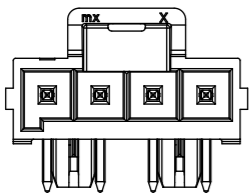
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510807.		molex			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)				ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW			
ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING			
4 PLACES	±	EC NO: 726454	2022/10/25	DOCUMENT NUMBER: SD-172310-1000 DOC TYPE: PSD DOC PART: 000 REVISION: C5			
3 PLACES	±	DRWN: LIKITV	2022/11/30				
2 PLACES	± 0.25	CHK'D: GGA	2022/11/30				
1 PLACE	± 0.5	APPR: GGA	2022/11/30	INITIAL REVISION: DRWN: DROSCA 2014/03/05 APPR: JCOMERCI 2014/04/24			
0 PLACES	±						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 172310	MATERIAL NUMBER: SEE CHART	CUSTOMER: GENERAL MARKET	SHEET NUMBER: 2 OF 3



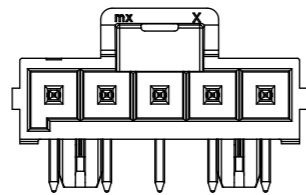
2 CKT



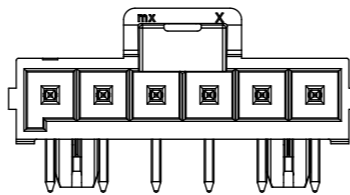
3 CKT



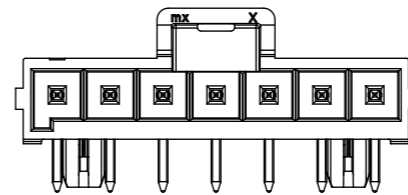
4 CKT



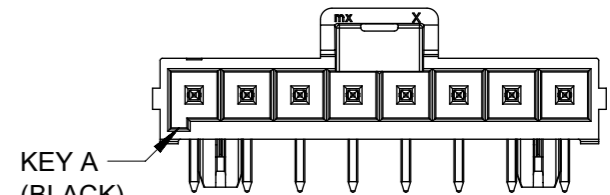
5 CKT



6 CKT

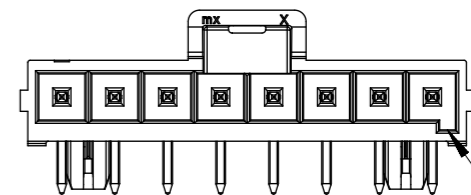


7 CKT


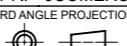


KEY A
(BLACK)

8 CKT



KEY B
(NATURAL)

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510807.							
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °	EC NO: 726454 DRWN: LIKITV 2022/10/25 CHK'D: GGA 2022/11/30 APPR: GGA 2022/11/30							
4 PLACES	±	INITIAL REVISION: DRWN: DROSCA 2014/03/05 APPR: JCOMERCI 2014/04/24							
3 PLACES	±								
2 PLACES	± 0.25	DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
1 PLACE	± 0.5	SD-172310-1000		PSD		000		C5	
0 PLACES	±	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		172310		SEE CHART	
		GENERAL MARKET		3 OF 3					