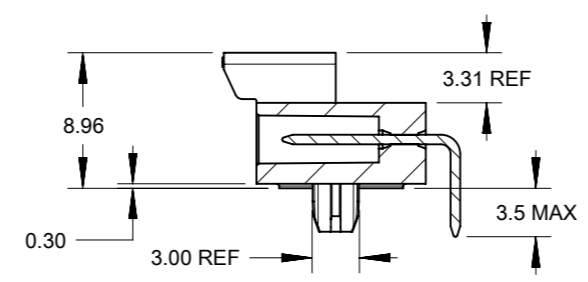
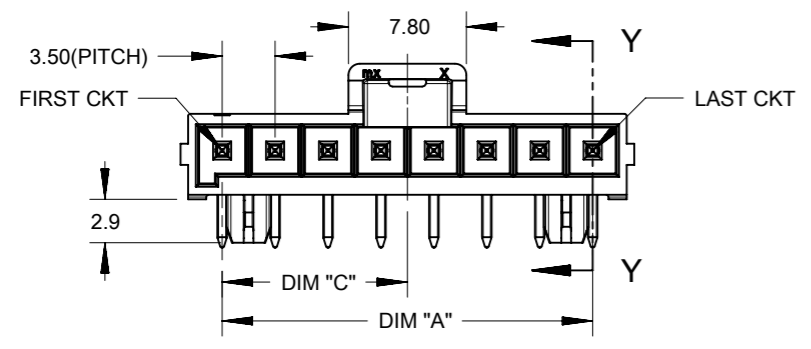
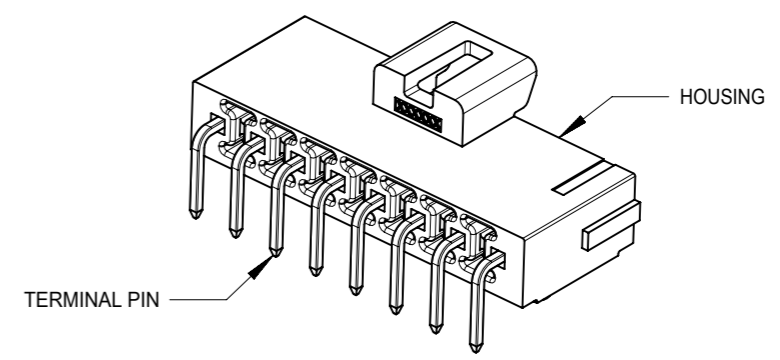
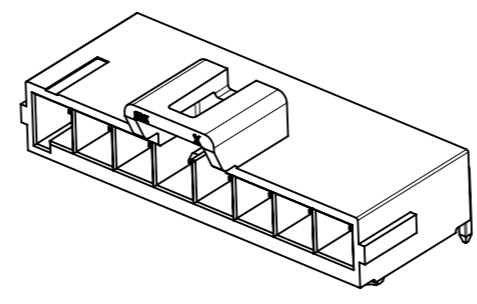
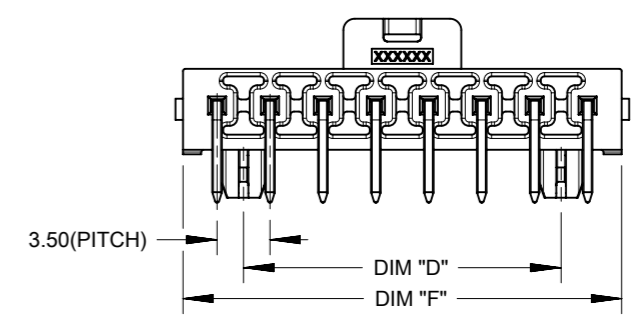


FIRST CIRCUIT MARK
(NOT SHOWING ON 2
AND 3 CIRCUITS SERIES)

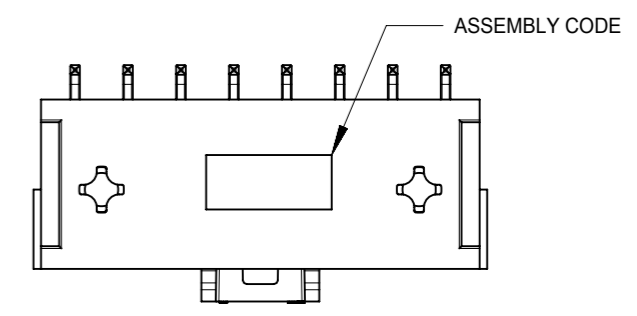
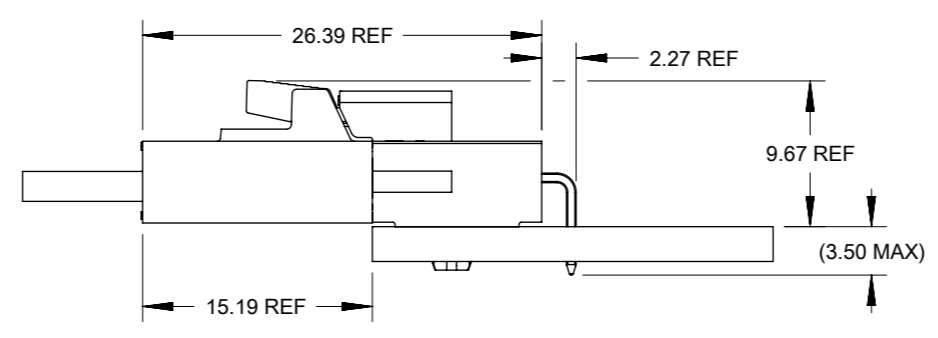


SECTION Y-Y

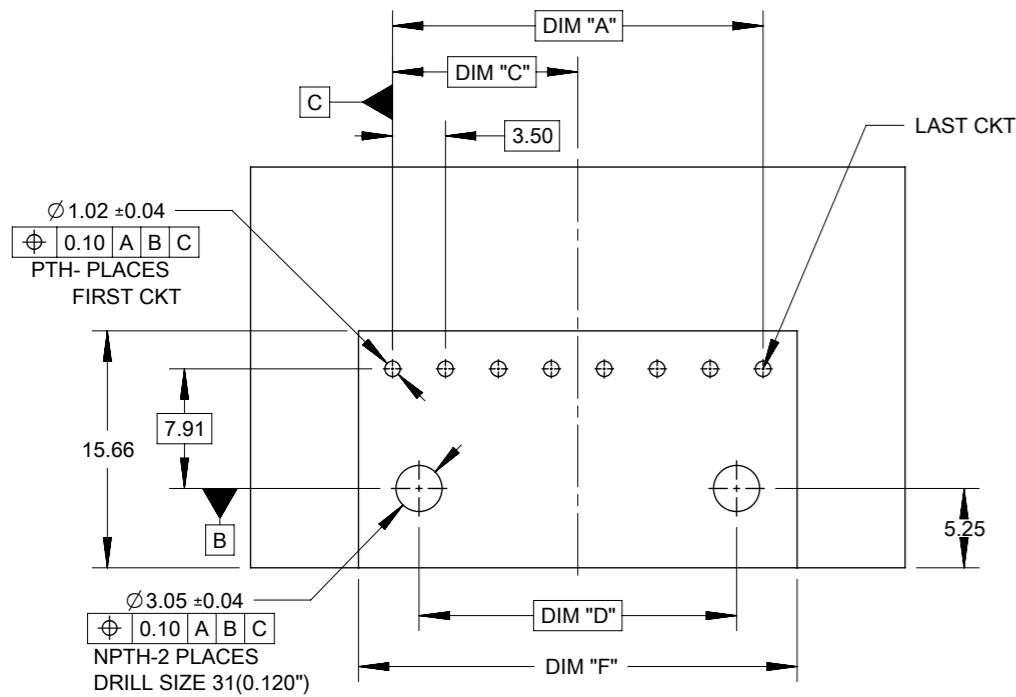


NOTES:

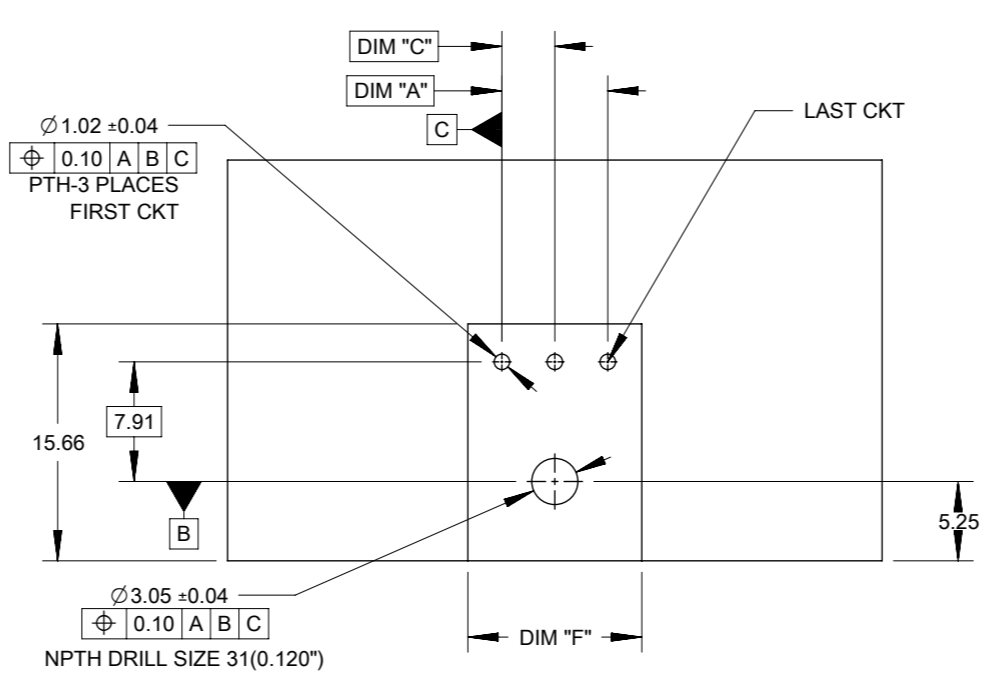
- MATERIAL :
HOUSING
OPTION 1: LCP BLACK, UL94 V-0
OPTION 2: LCP NATURAL, UL94 V-0
TERMINAL: COPPER ALLOY
- PLATING FINISH:
OPTION 1 - 1.5µm(60µin)-2.5µm(100µin) TIN OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 2 - 0.35µm(15µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
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
- PARTS TO BE PACKAGED PER PK-172310-9001
- PRODUCT SPECIFICATION PS-172323-0001
- PART MATES WITH MOLEX RECEPTACLE HOUSING 172256 AND 172260
- PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE HOLES AND FRONT SURFACE.
- 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.
- ASSEMBLY SPECIFICATION: AS-172323-0001



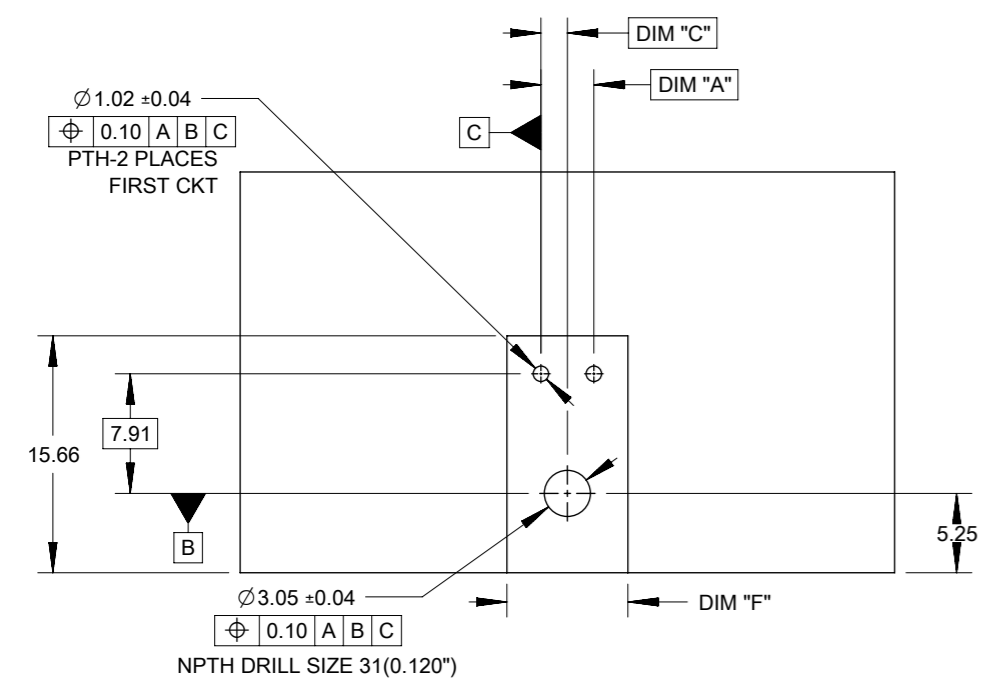
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988		molex			
	mm	SCALE						
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 704776		ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW			
	4 PLACES	±	DRWN: SUGEEB	2022/04/05				
DIVISIONAL SYMBOLS	3 PLACES	±	CHK'D: GGA	2022/05/24	PRODUCT CUSTOMER DRAWING			
	2 PLACES	± 0.25	APPR: GGA	2022/05/24				
	1 PLACE	± 0.5	INITIAL REVISION:		DOCUMENT NUMBER DOC TYPE DOC PART REVISION			
	0 PLACES	±	DRWN: DROSCA	2014/03/05				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	172310		GENERAL MARKET	1 OF 3	



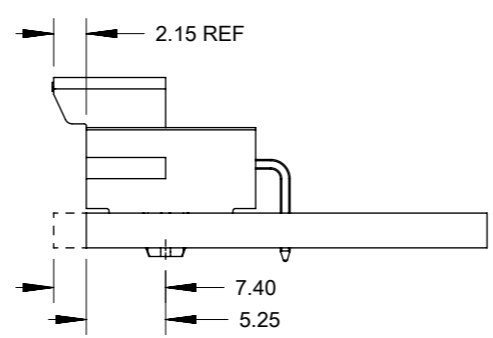
PCB LAYOUT 4,5,6,7 AND 8 COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



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



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

TIN PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1102	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1103	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1104	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1105	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1106	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1107	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1108	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2105	NATURAL	5	KEY B	14.00	18.50	7.00	10.50

15 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1202	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1203	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1204	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1205	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1206	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1207	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1208	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2204	NATURAL	4	KEY B	10.50	15.00	5.25	7.00
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
172310-1302	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1303	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1304	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1305	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1306	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1307	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1308	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2304	NATURAL	4	KEY B	10.50	15.00	5.25	7.00

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: OBSOLETE PART NUMBER AS PER PCN#509988					
	DIMENSION UNITS: mm SCALE: GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±	EC NO: 704776 DRWN: SUGEEB 2022/04/05 CHK'D: GGA 2022/05/24 APPR: GGA 2022/05/24			ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW PRODUCT CUSTOMER DRAWING		
DIVISIONAL SYMBOLS	INITIAL REVISION: DRWN: DROSCA 2014/03/05 APPR: JCOMERCI 2014/04/24	DOCUMENT NUMBER: SD-172310-1000	DOC TYPE: PSD	DOC PART: 000		REVISION: C4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 172310	MATERIAL NUMBER	CUSTOMER: GENERAL MARKET	SHEET NUMBER: 2 OF 3

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D

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C

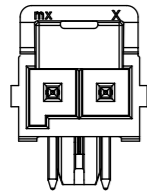
C

B

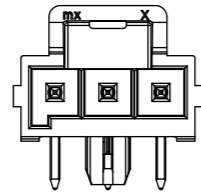
B

A

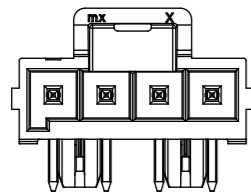
A



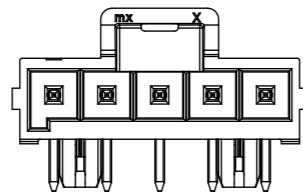
2 CKT



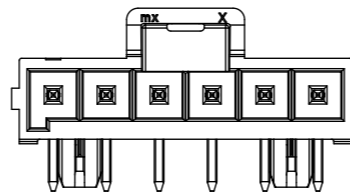
3 CKT



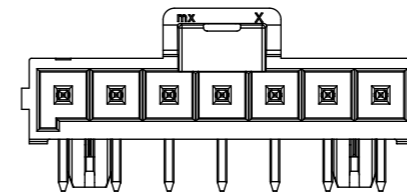
4 CKT



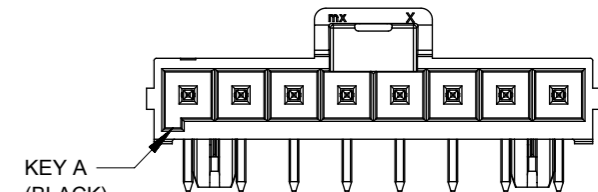
5 CKT



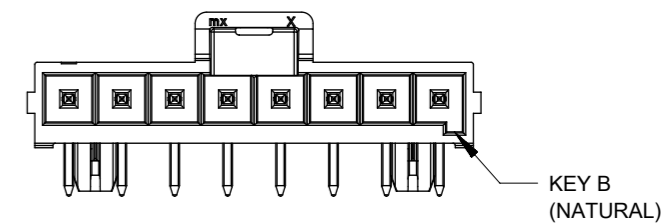
6 CKT



7 CKT



8 CKT



KEY B (NATURAL)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex			
	$\nabla_A = 0$ $\nabla_F = 0$ $\nabla_P = 0$	DIMENSION UNITS: mm SCALE: (blank) GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °				CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988 EC NO: 704776 DRWN: SUGEEB 2022/04/05 CHK'D: GGA 2022/05/24 APPR: GGA 2022/05/24
DIVISIONAL SYMBOLS	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	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION 	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		A3-SIZE	172310	SD-172310-1000	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/24	10:34:52
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FORMAT: master-b-prod-A3

REVISION: 11

DATE: 2021/05/01