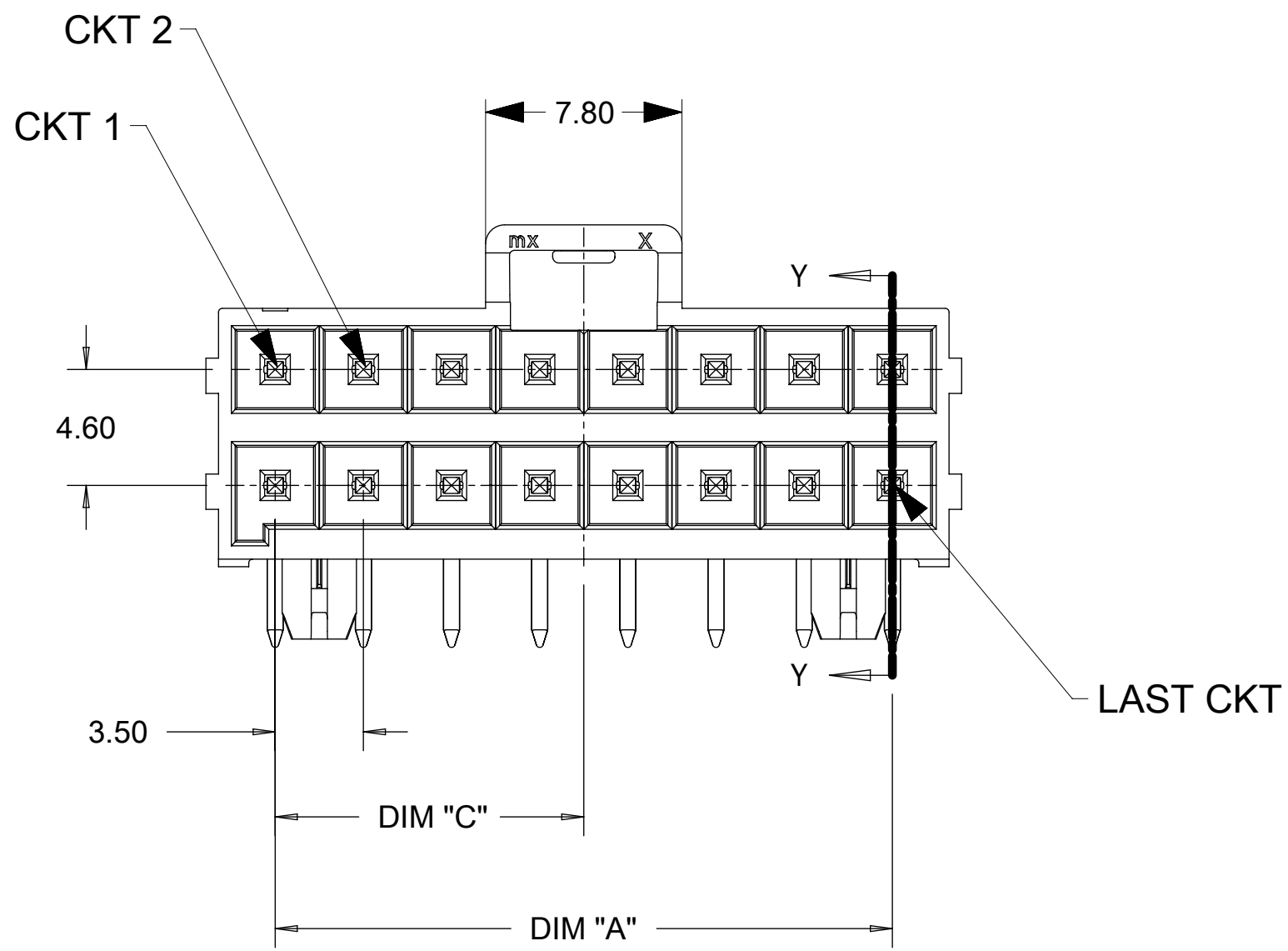
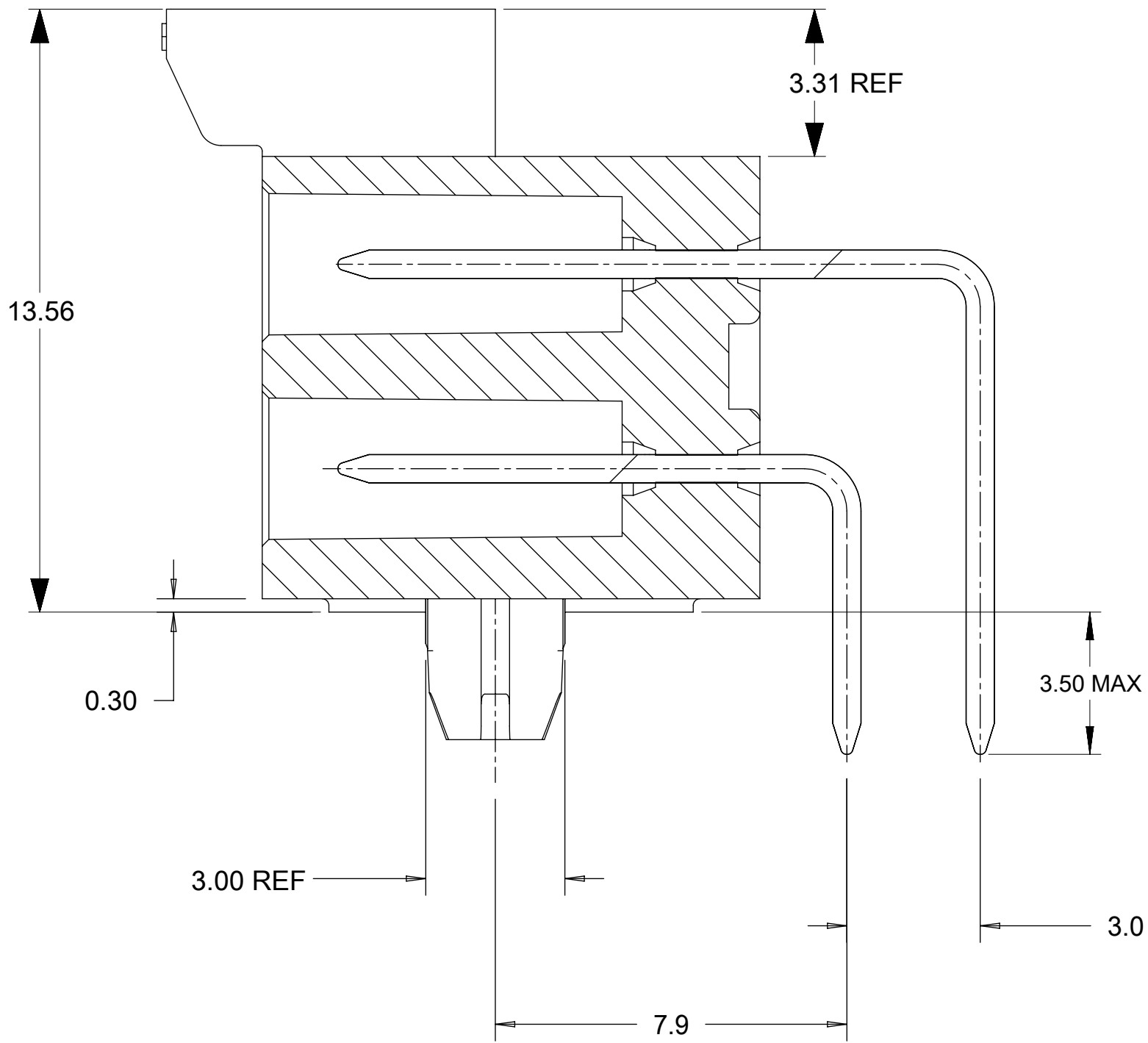
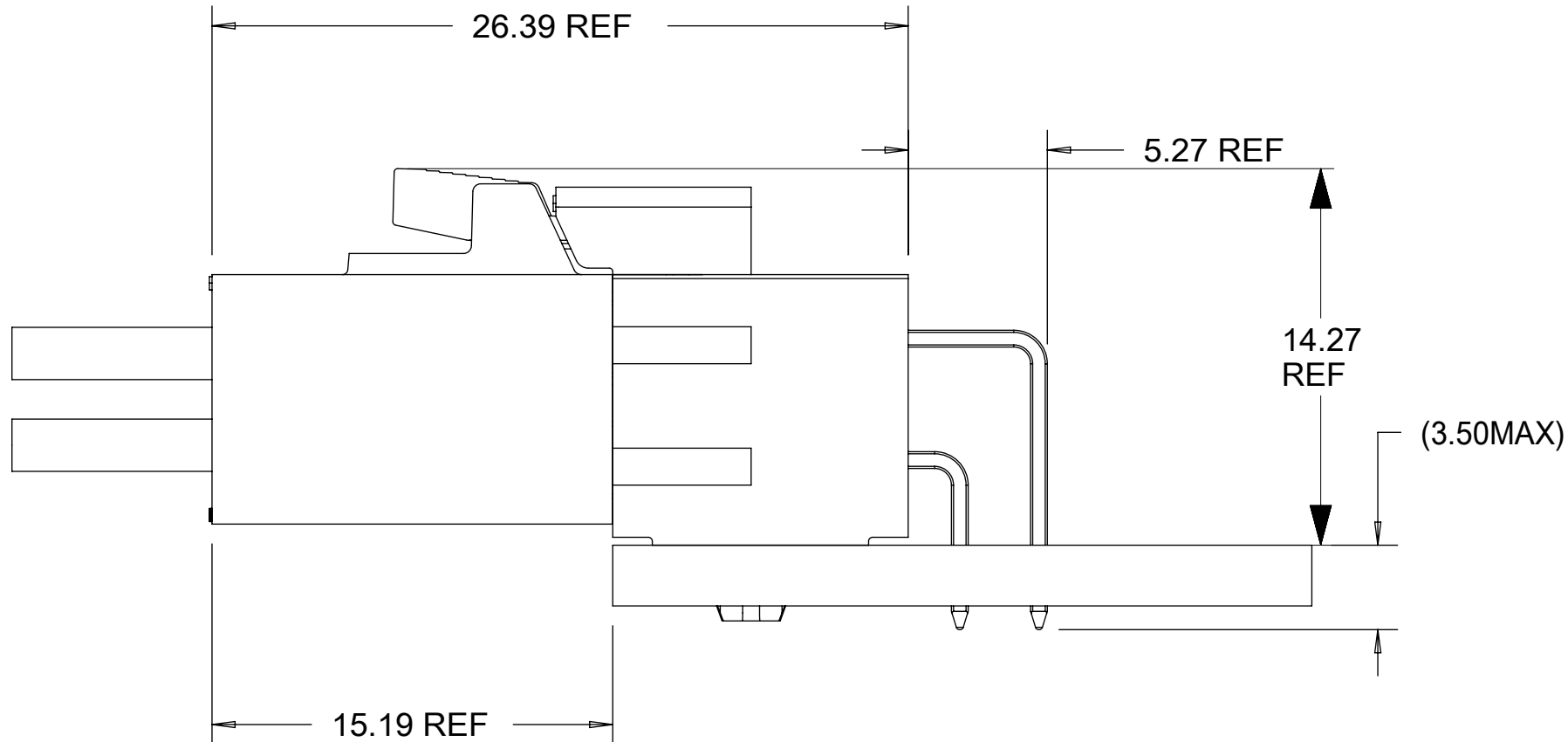


FIRST CIRCUIT MARK
(NOT SHOWING ON 4
AND 6 CIRCUITS SERIES)



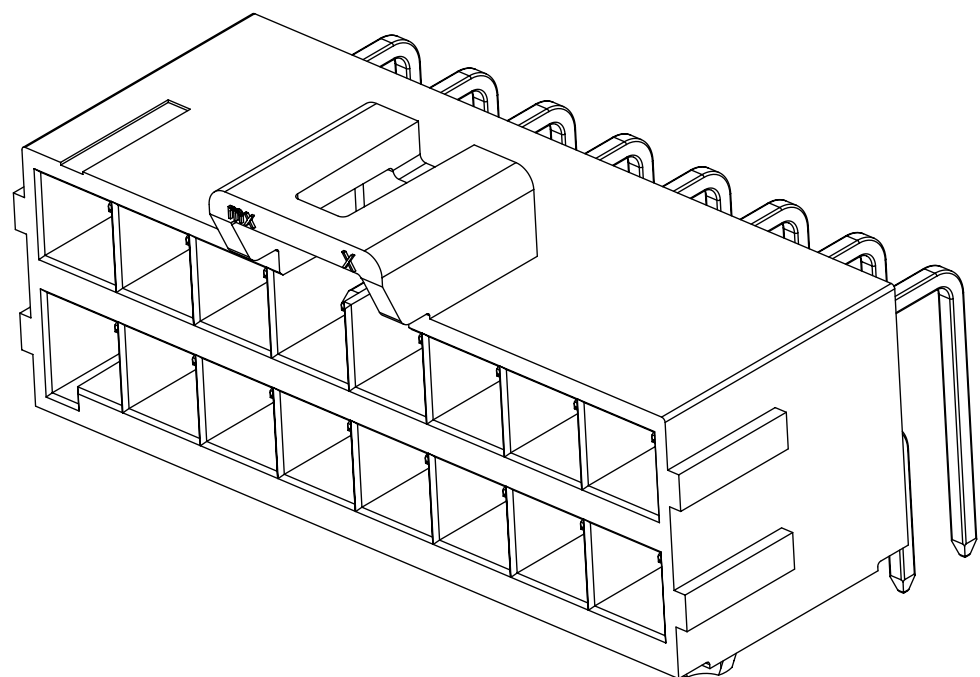
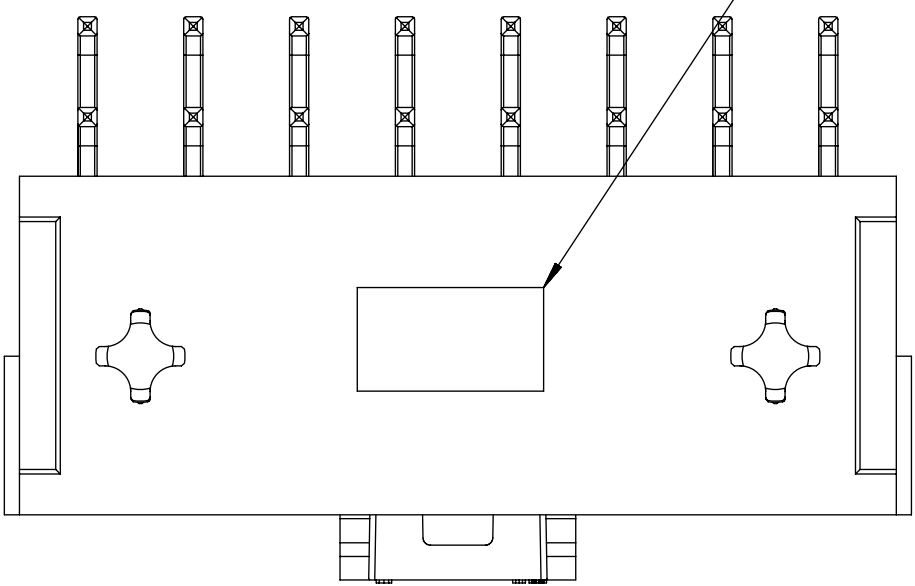
NOTES:

- 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 1723161114-PK.
- PRODUCT SPECIFICATION PS-172323-0001
- PART MATES WITH MOLEX RECEPTACLE HOUSING
172258 AND 172262
- 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.

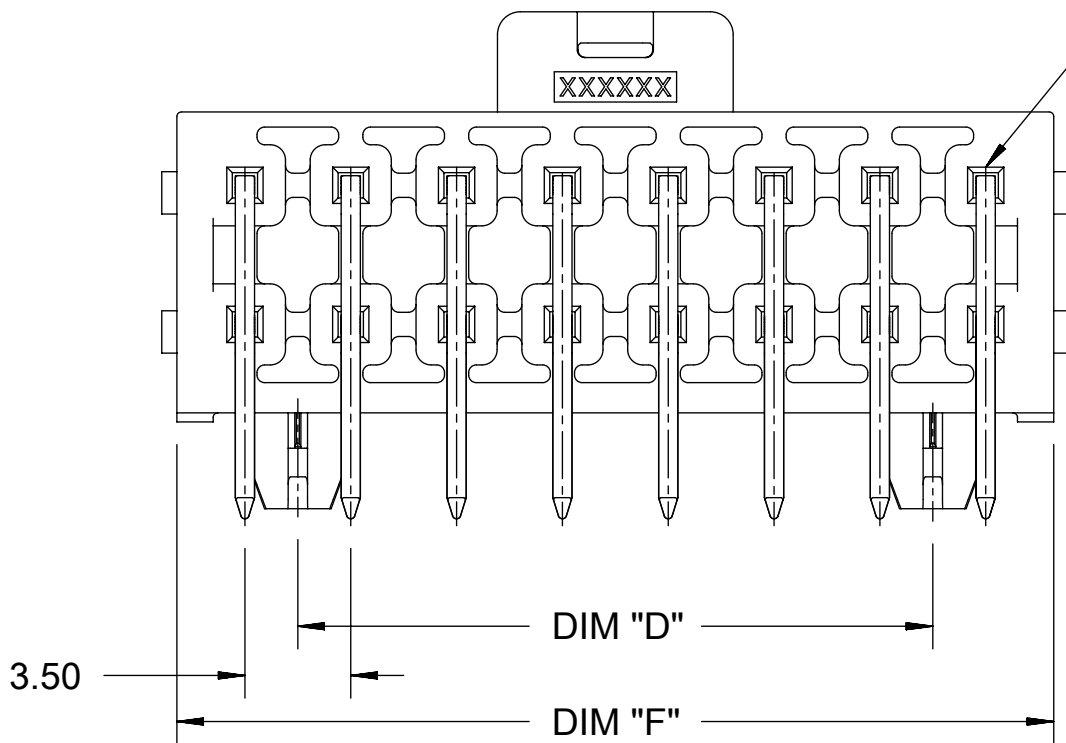


SECTION Y-Y
SCALE 8:1

ASSEMBLY CODE



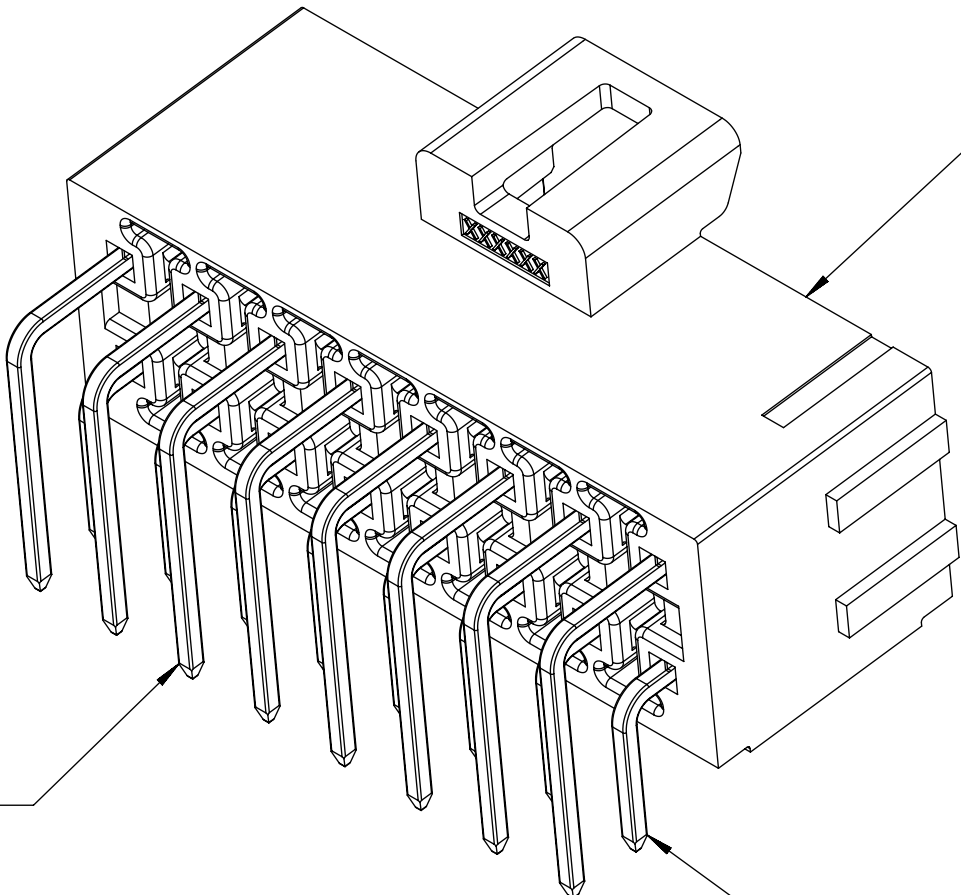
FIRST CIRCUIT



HOUSING

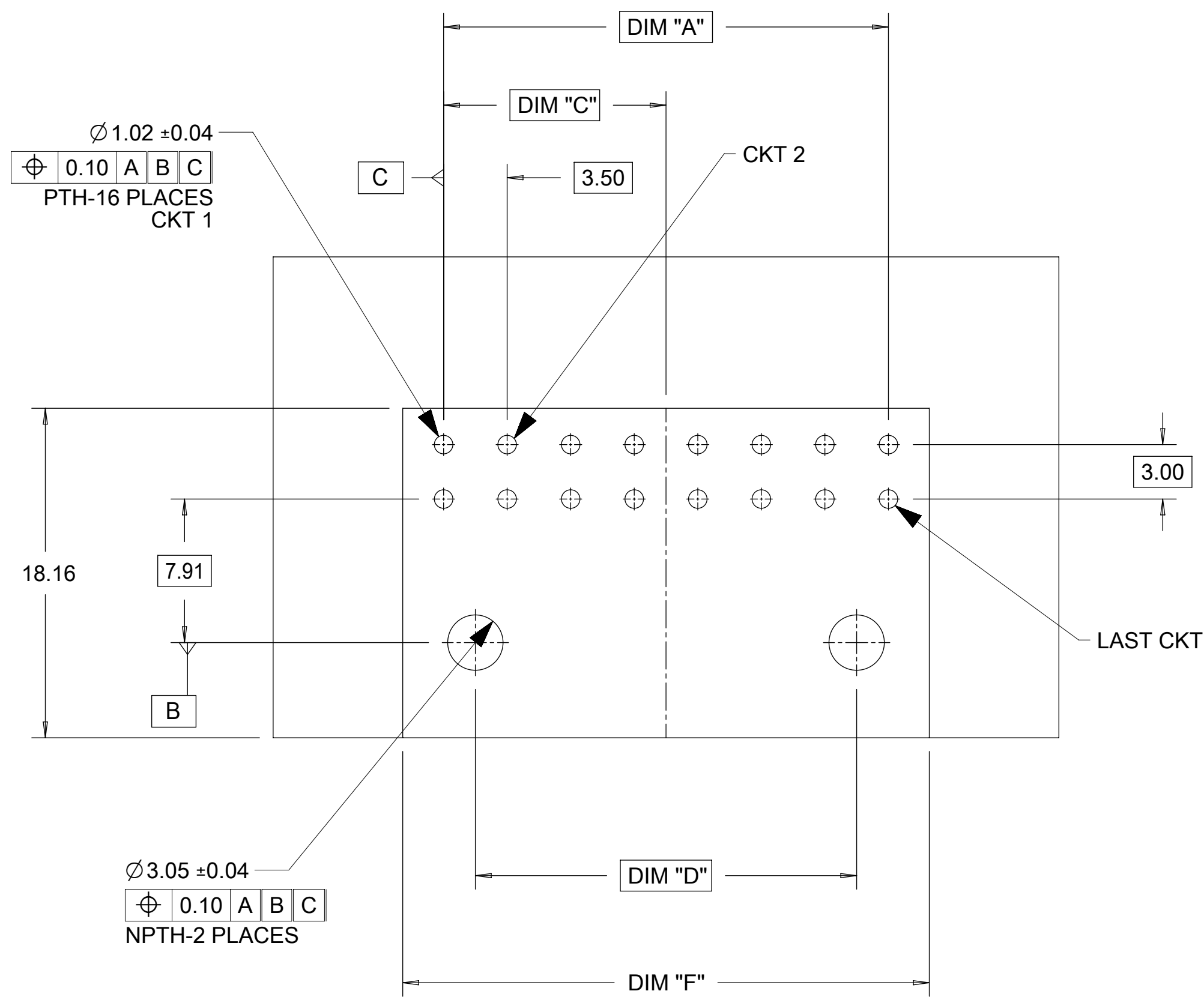
LONG TERMINAL PIN

SHORT TERMINAL PIN



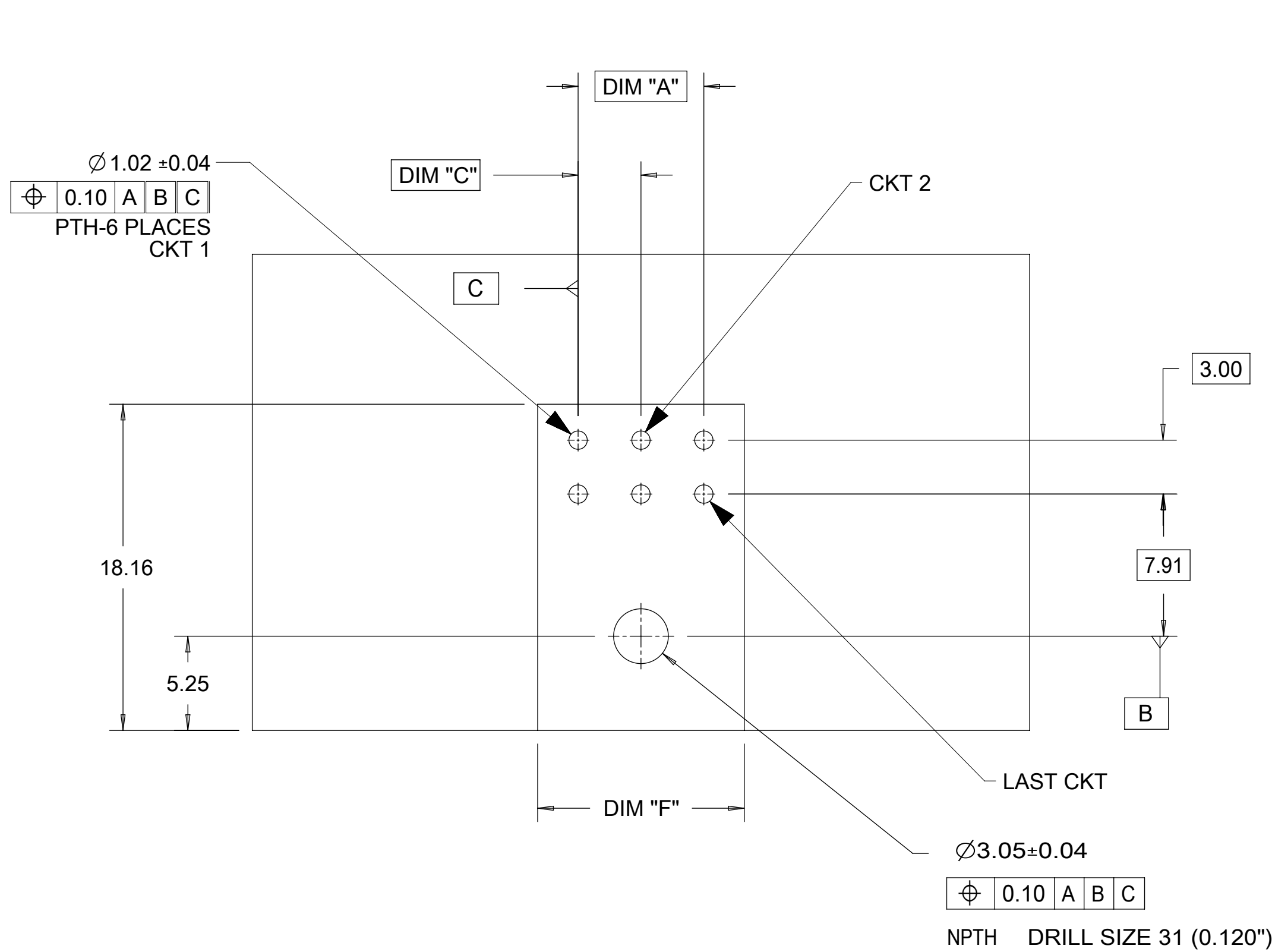
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
= 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 694874 DRWN: GLLI 2022/02/08 CHK'D: XQZHANG 2022/02/14 APPR: XQZHANG 2022/02/14 INITIAL REVISION: DRWN: DROSCA 2014/03/06 APPR: JCOMERCI 2014/04/24			ULTRA-FIT R/A HEADER 4-16 CKTS DUAL ROW				
ANGULAR TOL ± °													
DIVISIONAL SYMBOLS	4 PLACES		±		PRODUCT CUSTOMER DRAWING								
	3 PLACES		±										
	2 PLACES		± 0.25										
	1 PLACE		± 0.5										
	0 PLACES		±		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
							D-SIZE	172316	SD-172316-1000		PSD	000	F5
											GENERAL MARKET	1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/14	02:00:19
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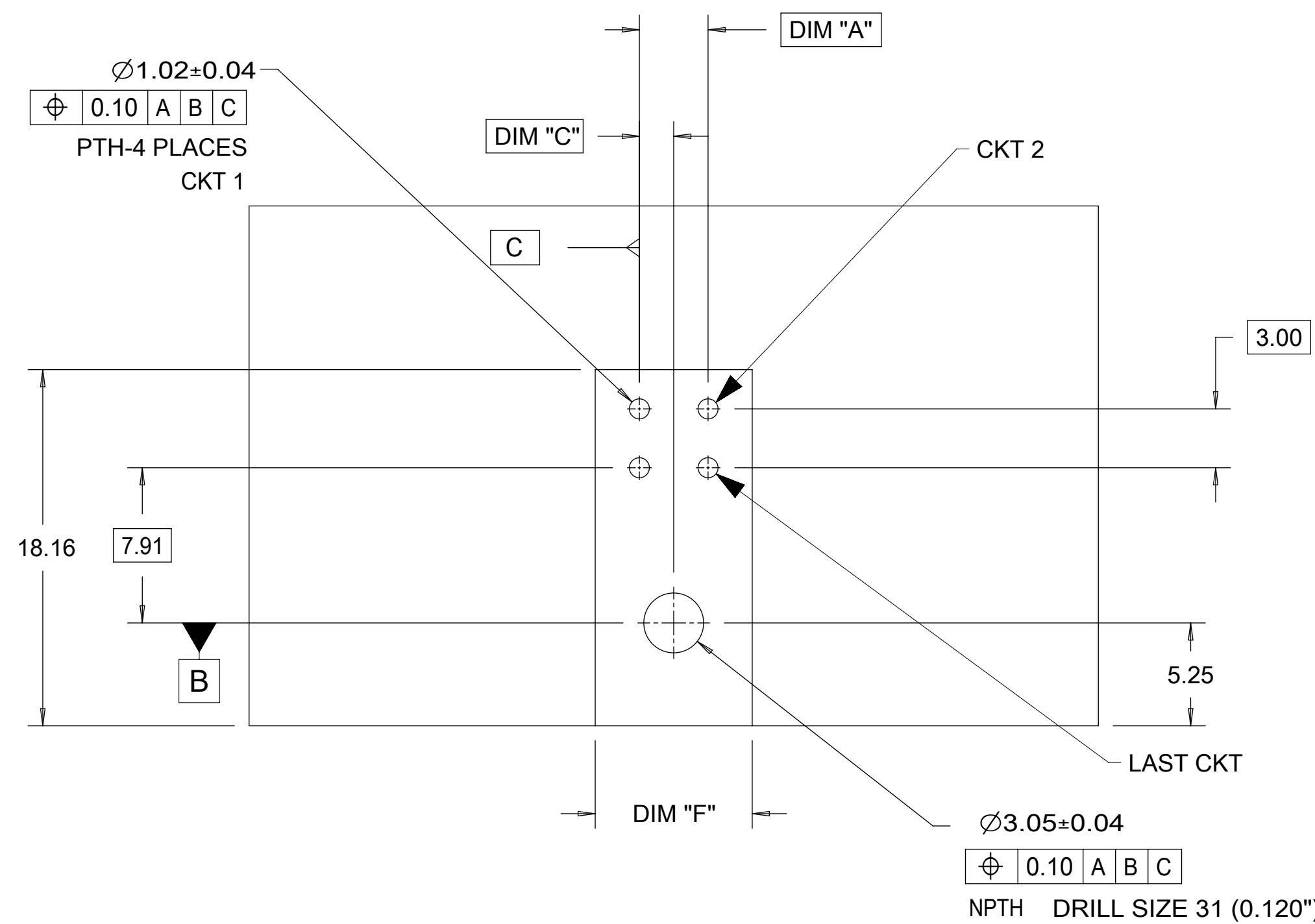
PCB LAYOUT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM

Top2



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

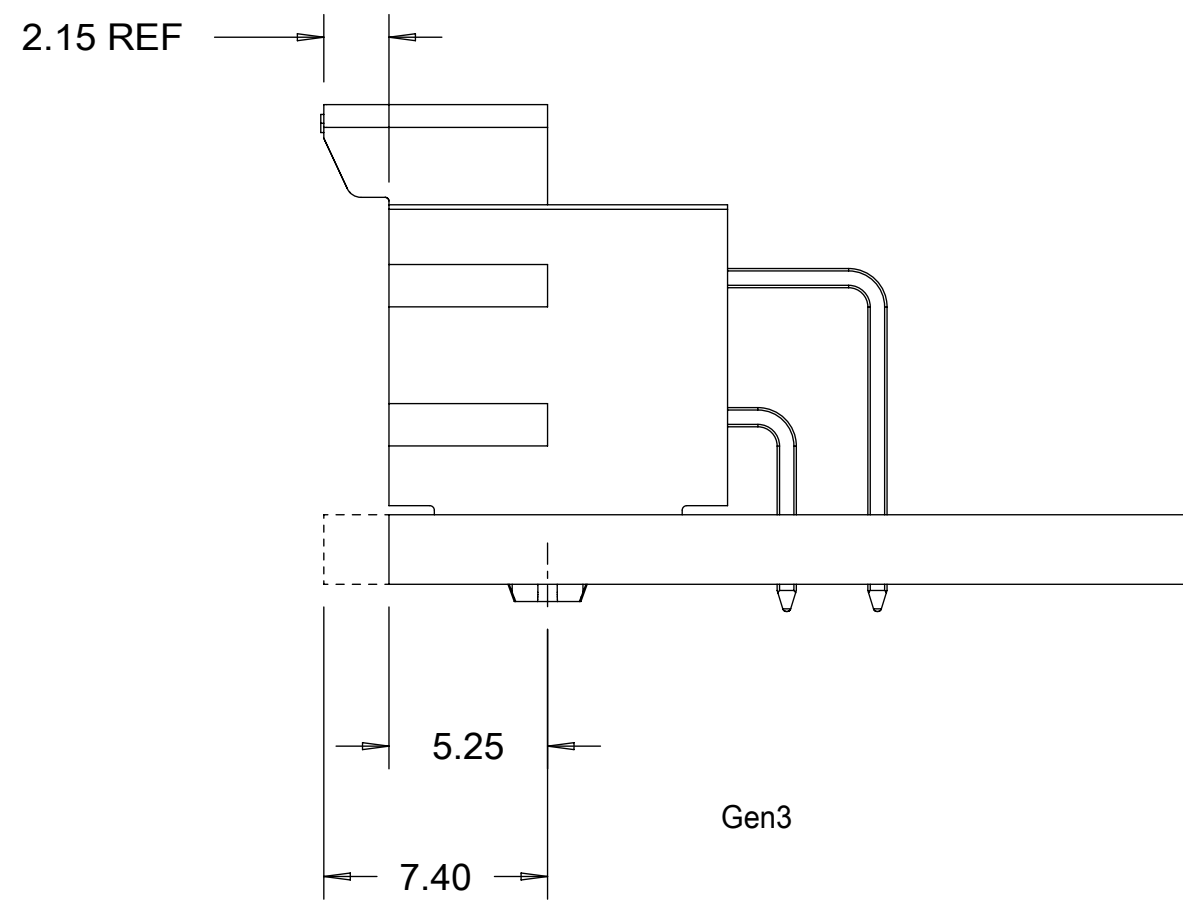
Right1



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

Right2

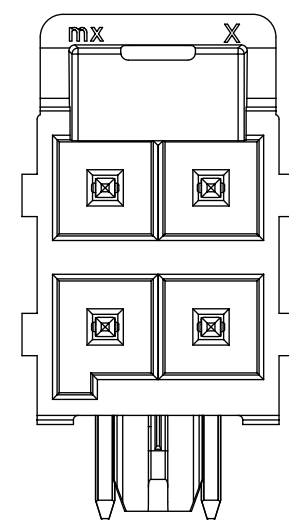
NOTE: DATUM -A- IS ON COMPONENT SIDE PCB



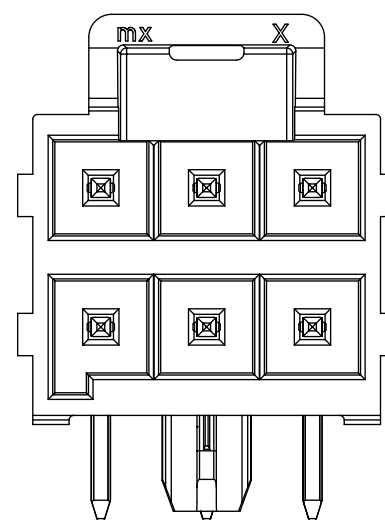
OPTION 1: LATCH FLUSH WITH PCB EDGE

OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE

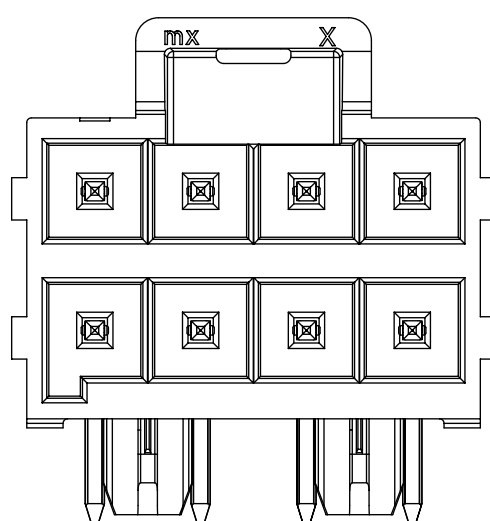
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex ULTRA-FIT R/A HEADER 4-16 CKTS DUAL ROW			
	DIMENSION UNITS	SCALE						
F_A = 0	mm	1:1	EC NO: 694874 DRWN: GLLI 2022/02/08 CHK'D: XQZHANG 2022/02/14 APPR: XQZHANG 2022/02/14	PRODUCT CUSTOMER DRAWING				
F_E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							
F_D = 0	ANGULAR TOL ± °			DOCUMENT NUMBER DOC TYPE DOC PART REVISION SD-172316-1000 PSD 000 F5				
DIVISIONAL SYMBOLS	4 PLACES	±						INITIAL REVISION: DRWN: DROSCA 2014/03/06 APPR: JCOMERCI 2014/04/24
	3 PLACES	±						
	2 PLACES	± 0.25						
	1 PLACE	± 0.5						
	0 PLACES	±	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			D-SIZE	172316		GENERAL MARKET	2 OF 3



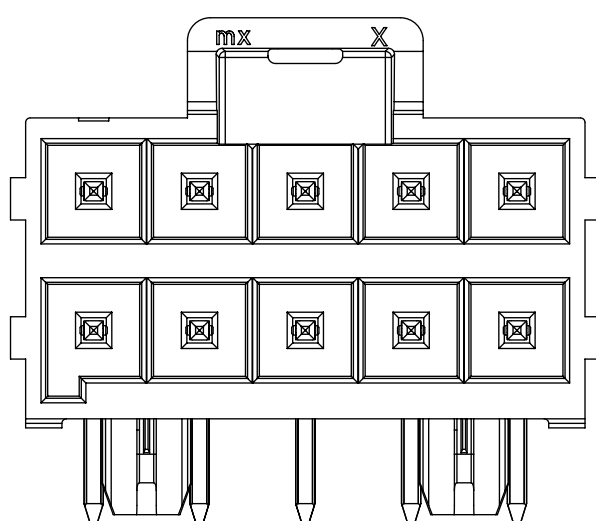
4 CKT



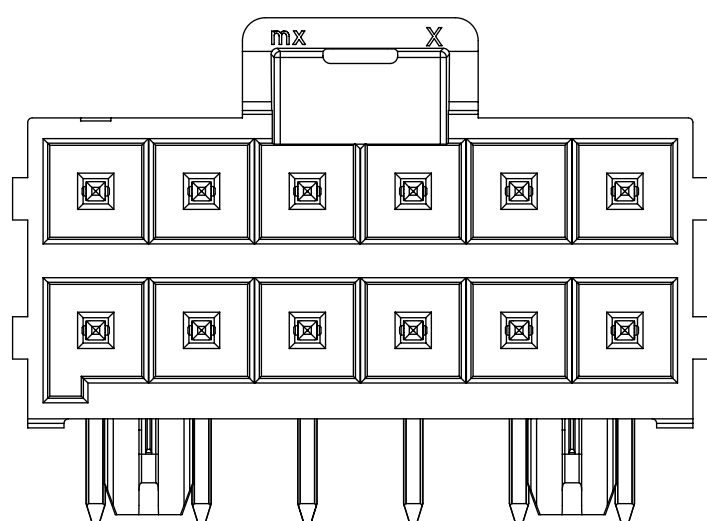
6 CKT



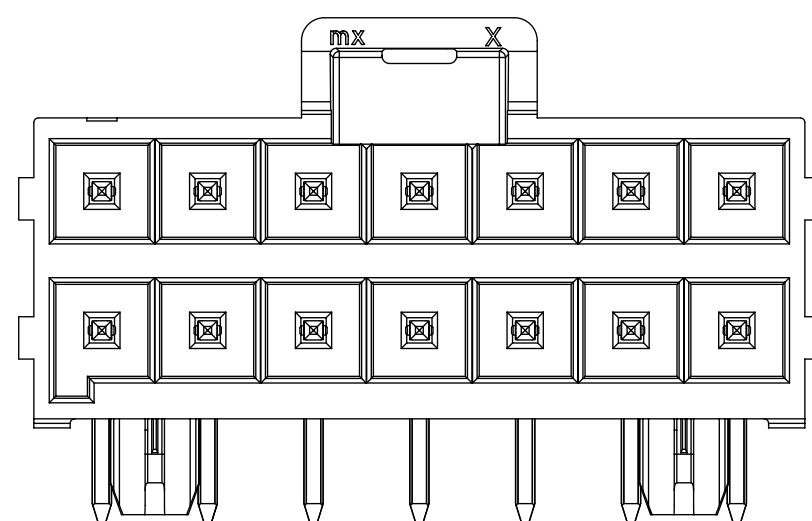
8 CKT



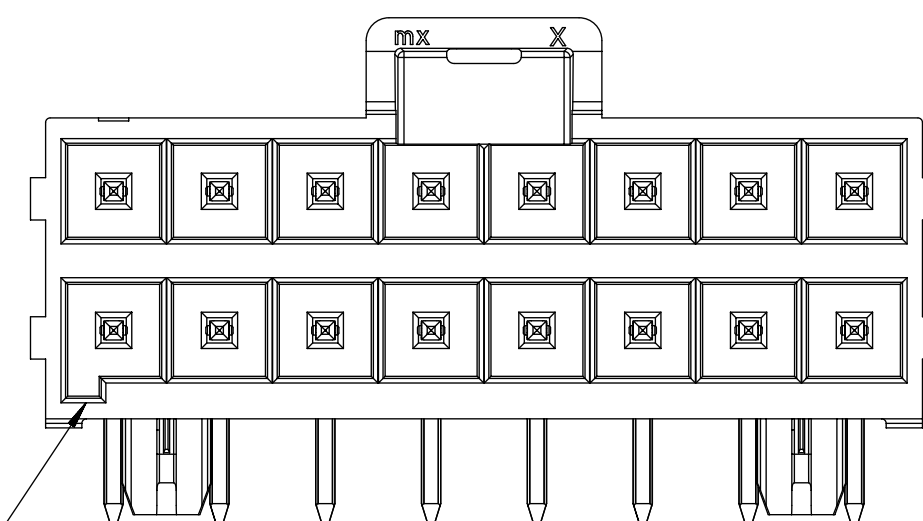
10 CKT



12 CKT

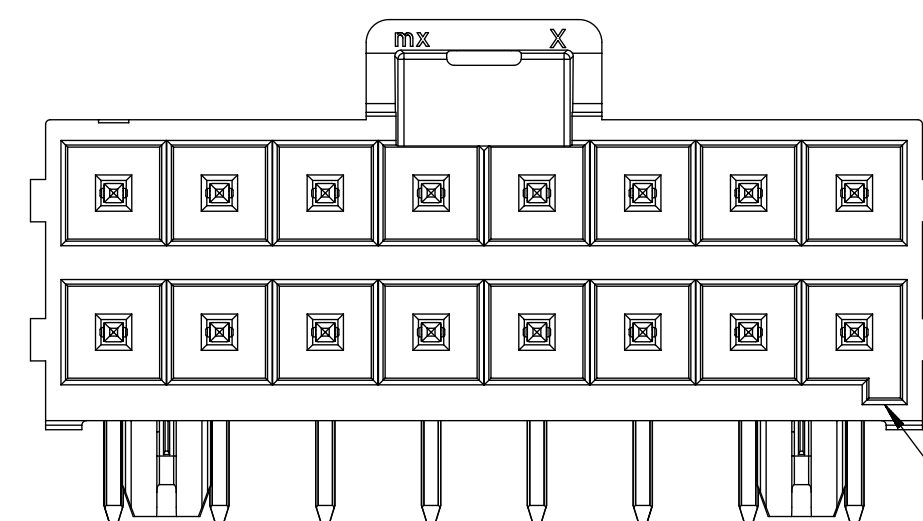


14 CKT

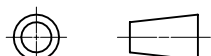


16 CKT

KEY A
(BLACK)



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										
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
	mm		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 694874 DRWN: GLLI2022/02/08 CHK'D: XQZHANG2022/02/14 APPR: XQZHANG2022/02/14			ULTRA-FIT R/A HEADER 4-16 CKTS DUAL ROW			
	ANGULAR TOL ± °										
	4 PLACES		±		INITIAL REVISION: DRWN: DROSCA2014/03/06 APPR: JCOMERCI2014/04/24			PRODUCT CUSTOMER DRAWING			
	3 PLACES		±								
	2 PLACES		± 0.25								
	1 PLACE		± 0.5								
	0 PLACES		±								
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			D-SIZE	172316	SD-172316-1000	PSD	000	F5			
						MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
							GENERAL MARKET		3 OF 3		