

LAST CKT



SECTION Y-Y
SCALE 8:1



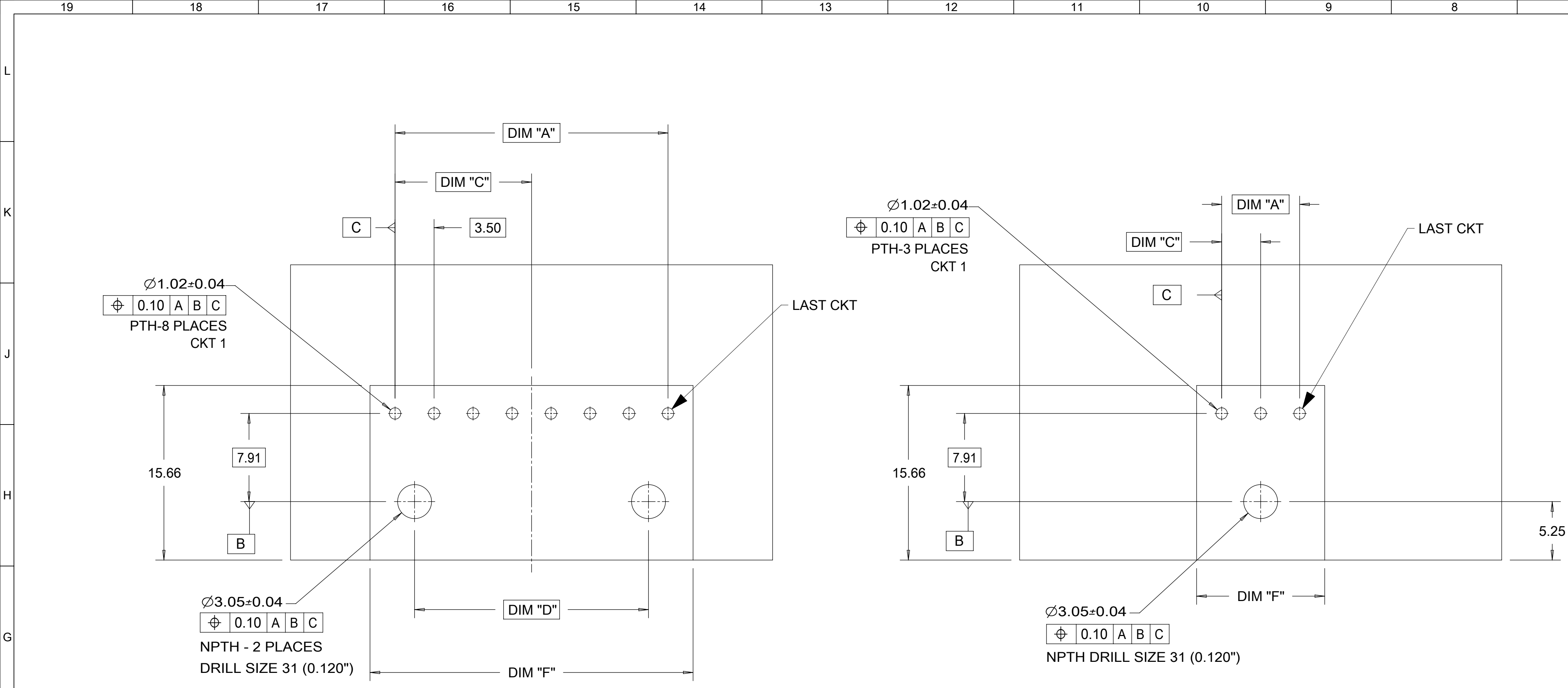
TERMINAL PIN

- 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
3. PARTS TO BE PACKAGED PER PK-172310-9001
4. PRODUCT SPECIFICATION PS-172323-0001
5. PART MATES WITH MOLEX RECEPTACLE HOUSING
172256 AND 172260
6. PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION
PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE
HOLES AND FRONT SURFACE.
7. 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.
8. ASSEMBLY SPECIFICATION: AS-172323-0001

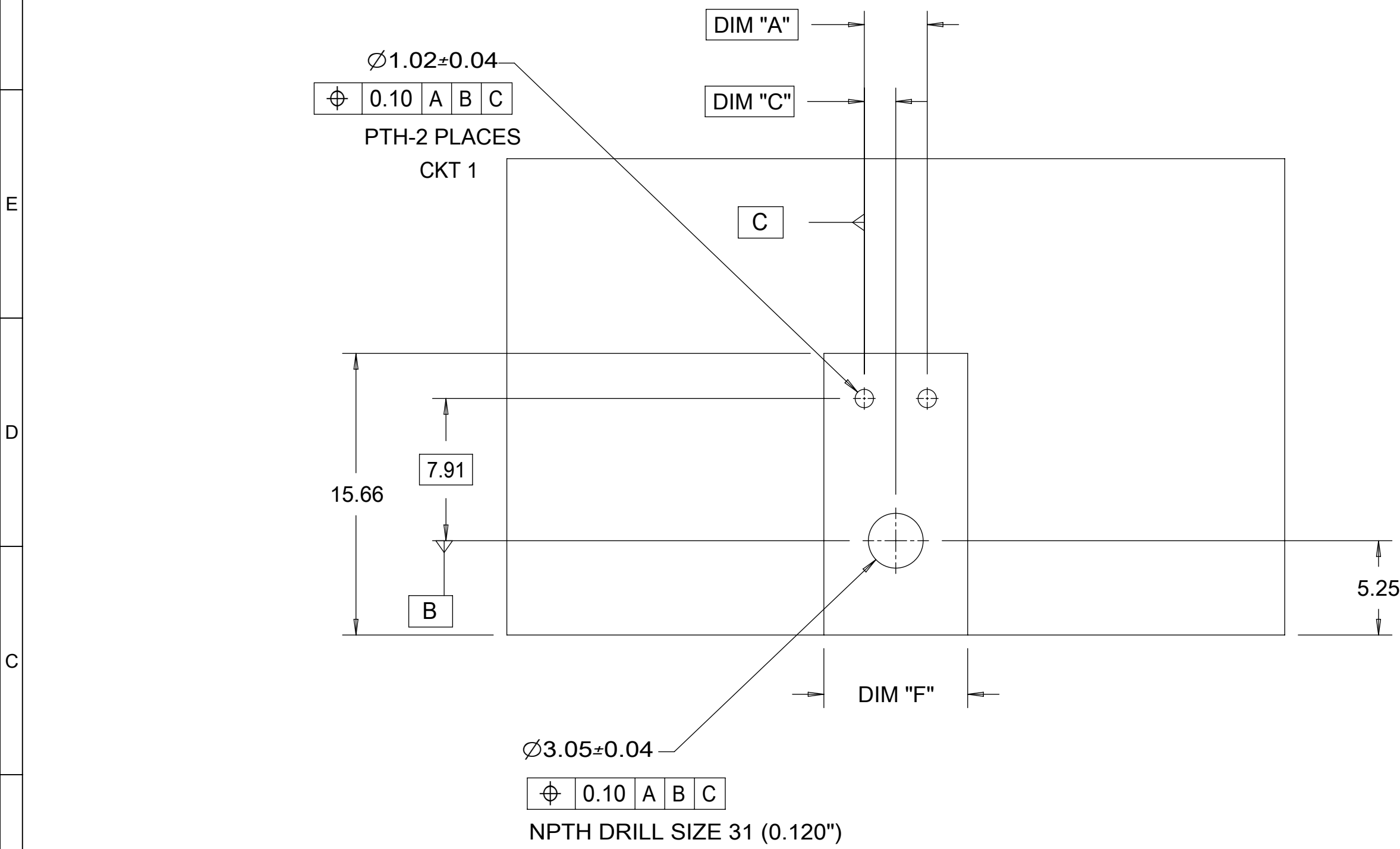


QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	= 0	2016/03/29 2016/03/29 EC NO: 103949 DRWN: PPEREZ03 CHK'D: RHODE APPR: C2	2016/03/29 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE						
	= 0			MM	4:1						
	= 0			DRWN BY	DATE						
	= 0			2016/03/05	DROSCA	ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW					
	= 0				CHK'D BY						DATE
	= 0				APPR BY						DATE
	= 0			2014/04/24	JCOMERCI	PRODUCT CUSTOMER DRAWING					
	= 0				DRAWING SIZE						THIRD ANGLE PROJECTION
	= 0				D						
	= 0			REV/		SERIES		MATERIAL NUMBER		CUSTOMER	
		172310						GENERAL MARKET			
				DOCUMENT NUMBER		DOC TYPE		DOC PART	SHEET NUMBER		
				SD-172310-1000		PSD		000	1 OF 3		



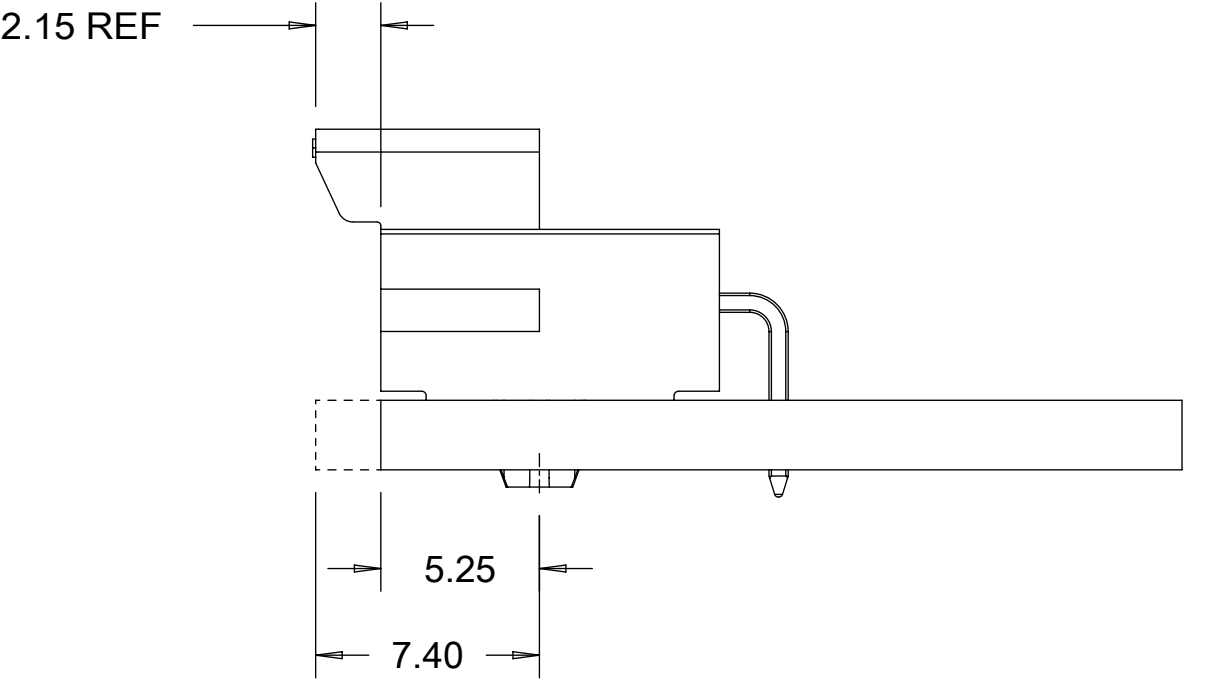
PCB LAYOUT 4,5,6,7 AND 8 COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM

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

NOTE: DATUM -A- IS ON PCB COMPONENT SIDE



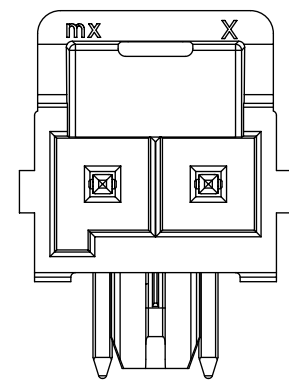
OPTION 1: LATCH FLUSH WITH PCB EDGE
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE

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
172310-2102	NATURAL	2	KEY B	3.50	8.00	1.75	0.00
172310-2103	NATURAL	3	KEY B	7.00	11.50	3.50	0.00
172310-2104	NATURAL	4	KEY B	10.50	15.00	5.25	7.00
172310-2105	NATURAL	5	KEY B	14.00	18.50	7.00	10.50
172310-2106	NATURAL	6	KEY B	17.50	22.00	8.75	14.00
172310-2107	NATURAL	7	KEY B	21.00	25.50	10.50	17.50
172310-2108	NATURAL	8	KEY B	24.50	29.00	12.25	21.00

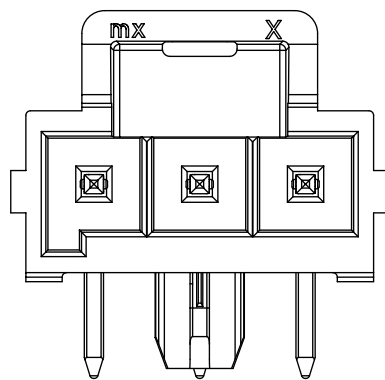
15 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1202	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1203	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1204	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1205	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1206	BLACK	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
172310-2202	NATURAL	2	KEY B	3.50	8.00	1.75	0.00
172310-2203	NATURAL	3	KEY B	7.00	11.50	3.50	0.00
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
172310-2206	NATURAL	6	KEY B	17.50	22.00	8.75	14.00
172310-2207	NATURAL	7	KEY B	21.00	25.50	10.50	17.50
172310-2208	NATURAL	8	KEY B	24.50	29.00	12.25	21.00

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
172310-2302	NATURAL	2	KEY B	3.50	8.00	1.75	0.00
172310-2303	NATURAL	3	KEY B	7.00	11.50	3.50	0.00
172310-2304	NATURAL	4	KEY B	10.50	15.00	5.25	7.00
172310-2305	NATURAL	5	KEY B	14.00	18.50	7.00	10.50
172310-2306	NATURAL	6	KEY B	17.50	22.00	8.75	14.00
172310-2307	NATURAL	7	KEY B	21.00	25.50	10.50	17.50
172310-2308	NATURAL	8	KEY B	24.50	29.00	12.25	21.00

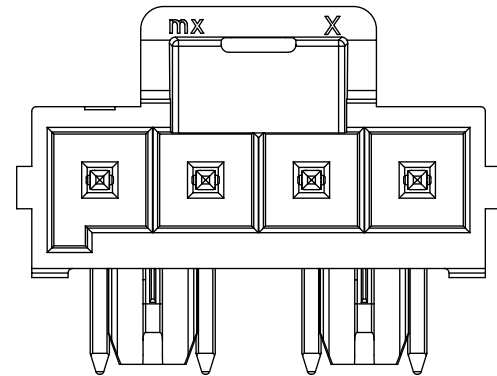
QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
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	= 0				MM		4:1											
	= 0				DRWN BY				DATE		ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW							
	= 0				DROSCA				2014/03/05									
	= 0				CHK'D BY				DATE									
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	= 0				JCOMERCI				2014/04/24					PRODUCT CUSTOMER DRAWING				
	= 0				DRAWING SIZE				THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER					CUSTOMER	
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	= 0										SD-172310-1000		PSD		000		2 OF 3	



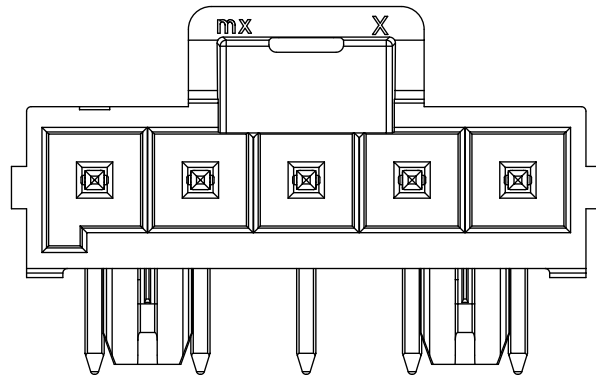
2 CKT



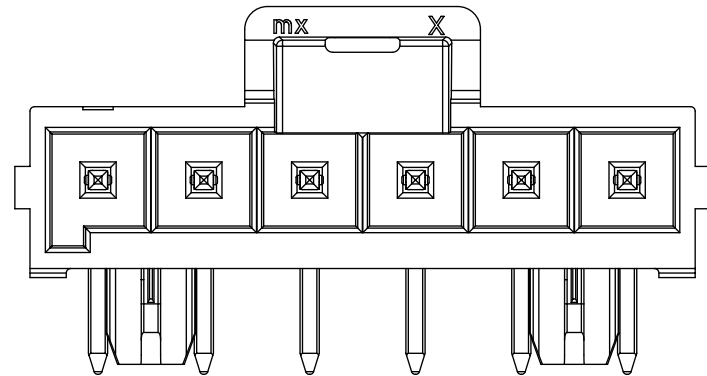
3 CKT



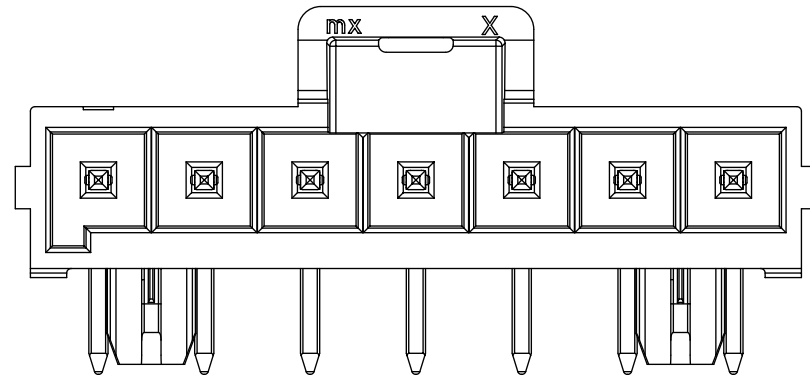
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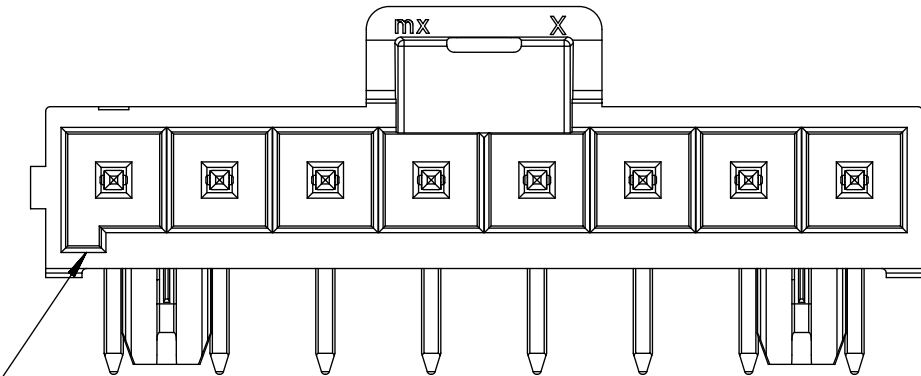
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6 CKT

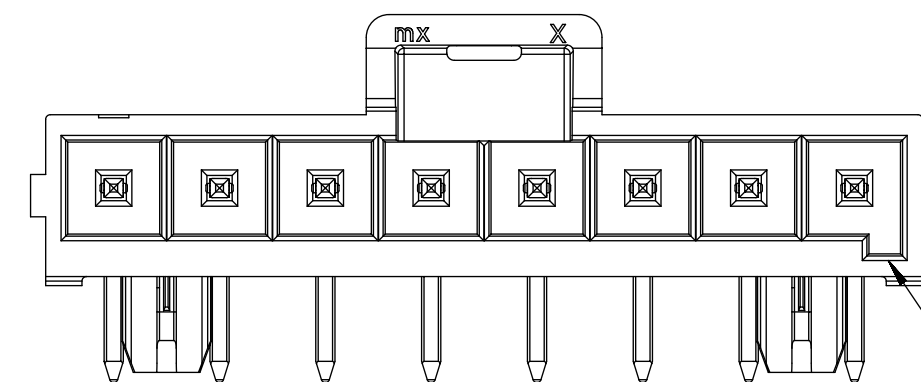


7 CKT



8 CKT

KEY A
(BLACK)



KEY B

(NATURAL)

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	= 0			MM	4:1							
	= 0			DRWN BY	DATE							
	= 0			2014/03/05	DROSCA	CHK'D BY	DATE	ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW				
	= 0				APPR BY	DATE						
	= 0				JCOMERCI	2014/04/24						
	= 0			2014/04/24	DRAWING SIZE	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING					
	= 0				D							
	= 0				C2							
	= 0			REV: RHODE	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SERIES	MATERIAL NUMBER	CUSTOMER		
	= 0	172310				GENERAL MARKET						
				DOCUMENT NUMBER SD-172310-1000		DOC TYPE PSD	DOC PART 000	SHEET NUMBER 3 OF 3				