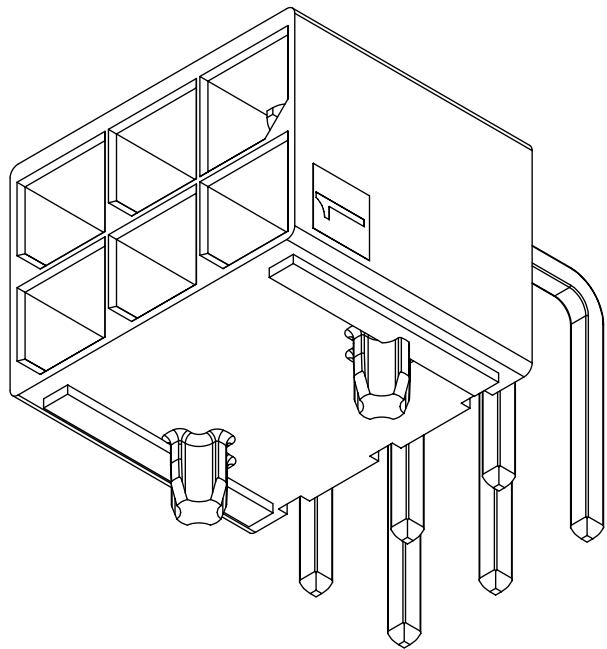
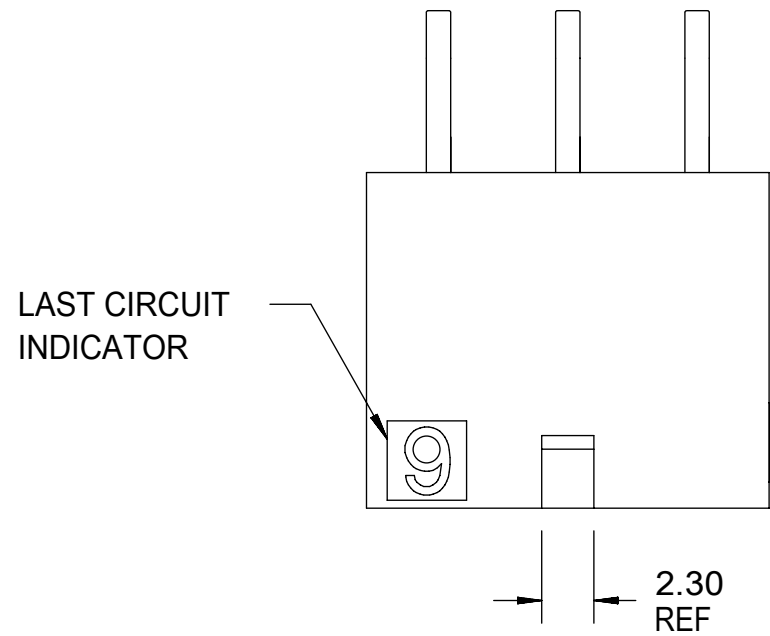
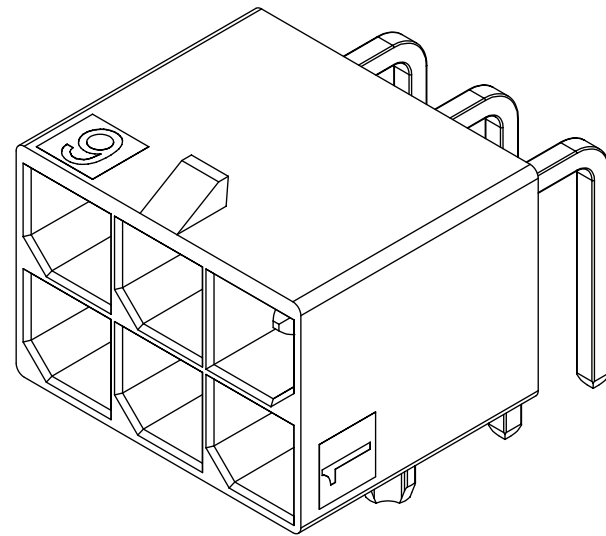
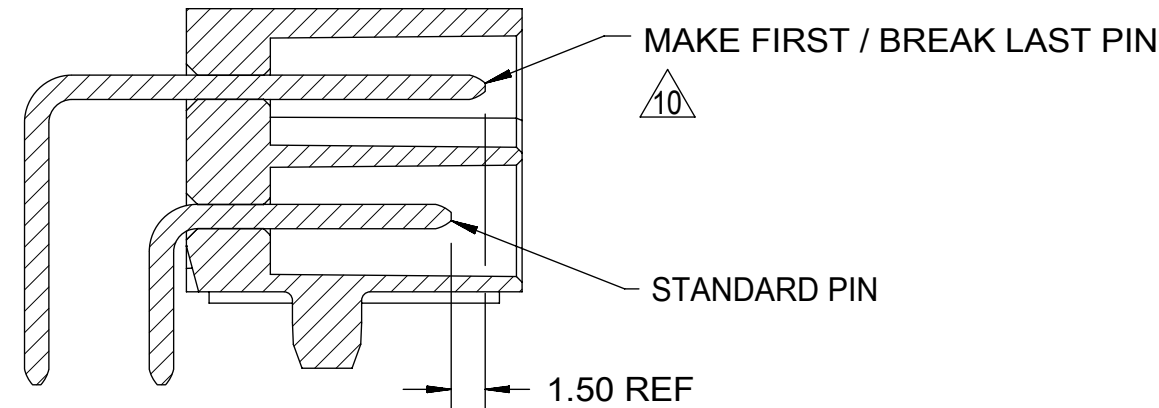
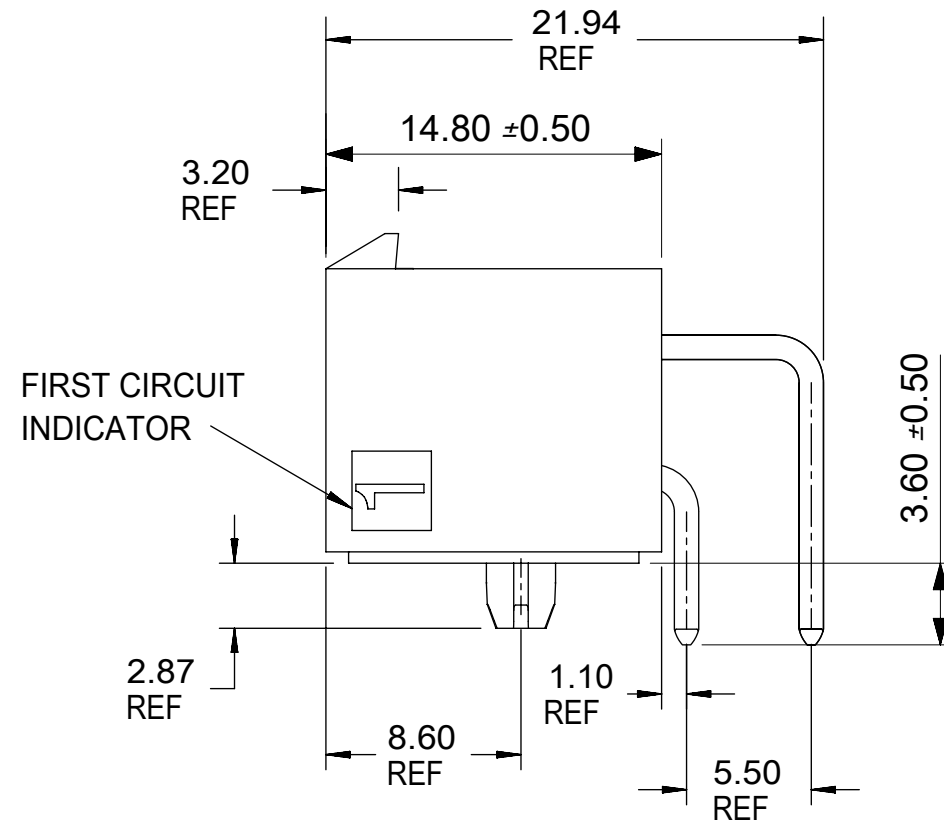
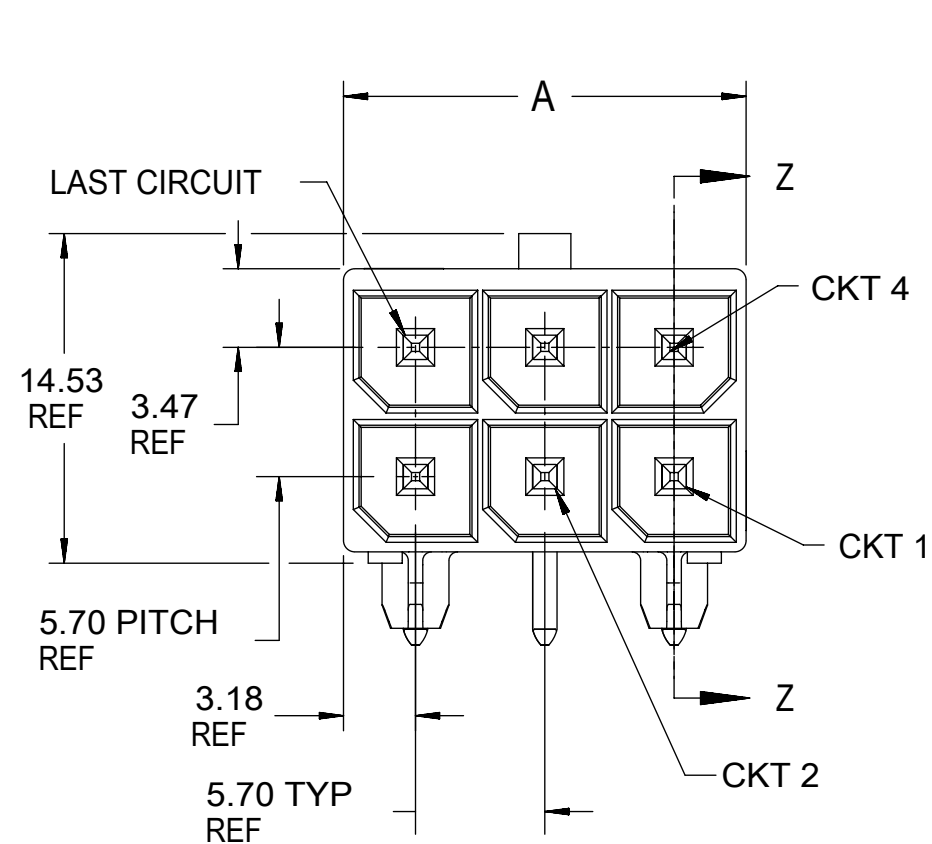




6 CKT SHOWN



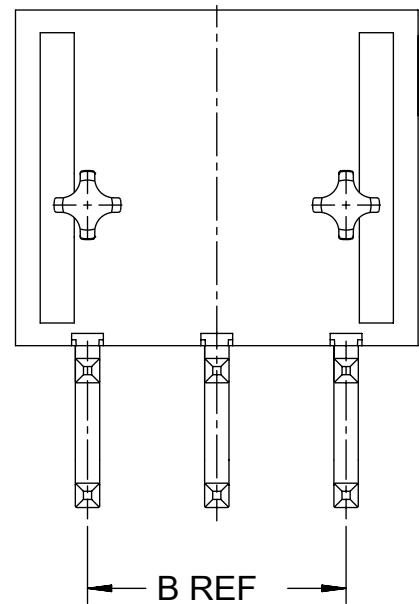
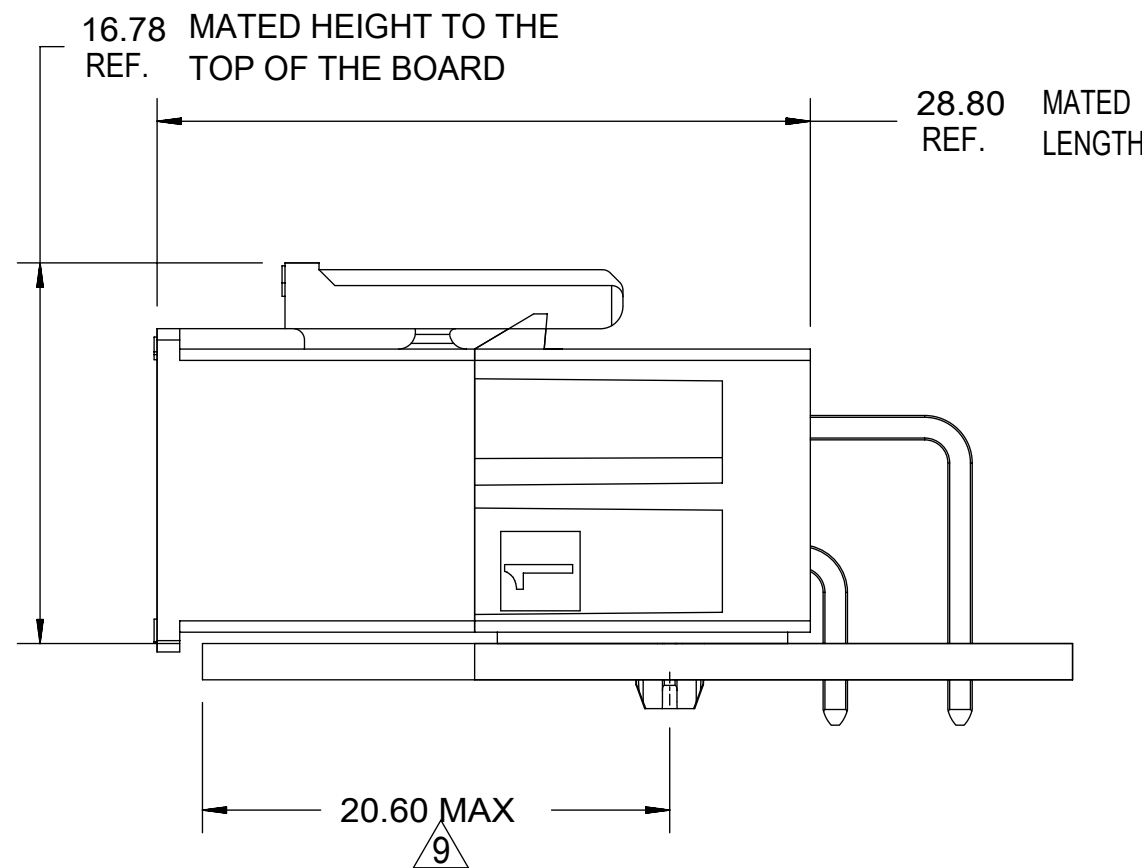
CKT SIZE	DIM A	DIM B	DIM C
2	8.35	N/A	9.35
4	12.05	N/A	13.05
6	17.75	11.40	18.75
8	23.45	17.10	24.45
10	29.15	22.80	30.15
12	34.85	28.50	35.45



SECTION Z-Z

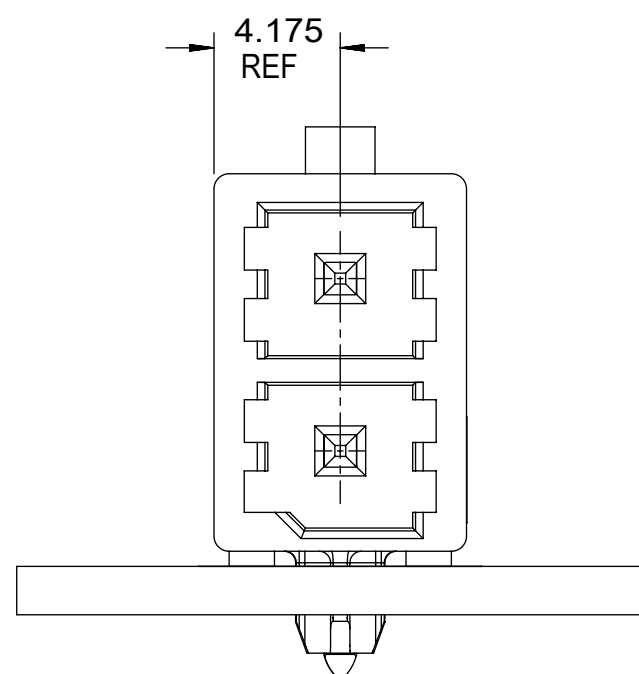
NOTES:

- MATERIAL:
HOUSING LCP, UL94V-0, BLACK.
TERMINAL: HIGH CONDUCTIVITY COPPER.
- TERMINAL PLATING:
(TIN) 1.52 MICROMETER MIN (60 MICROINCH MIN) REFLOWED MATTE TIN OVER
1.27 MICROMETER MIN (50 MICROINCH MIN) MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER MIN (15 MICROINCH MIN) SELECTIVE GOLD ON CONTACT AREA
WITH 2.54 MICROMETER MIN (100 MICROINCHES MIN) SELECTIVE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER MIN (50 MICROINCHES MIN) NICKEL OVERALL.
(30 GOLD) 0.76 MICROMETER MIN (30 MICROINCH MIN) SELECTIVE GOLD ON CONTACT AREA
WITH 2.54 MICROMETER MIN (100 MICROINCHES MIN) SELECTIVE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER MIN (50 MICROINCHES MIN) NICKEL OVERALL.
- PRODUCT SPECIFICATION PS-76825-100/1720631000-PS.
- PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-76825-0000.
- PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION 768250001-PK.
- PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
- APPLICATION SPECIFICATION: AS-76823-100
- PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN 20.6 MAX FROM EDGE OF PCB AS SHOWN FOR 4 THRU 12 CKTS. FOR 2CKT PARTS THIS DIMENSION IS 15.1 MAX.
- CIRCUITS SHOWN PROVIDE THE "MAKE-FIRST/BREAK-LAST" FEATURE, SEE CHART FOR CIRCUIT LOCATIONS.

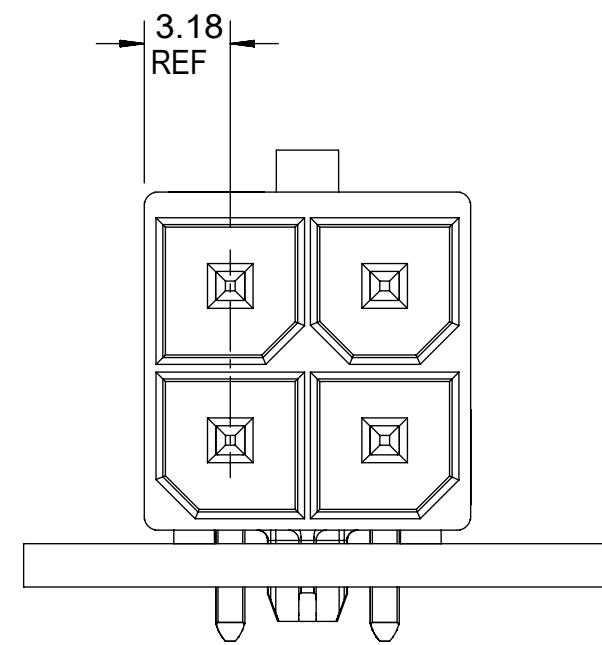


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#514336				molex			
mm	1:1					MEGA-FIT R/A HEADER ASSY 2-12 CKT CUSTOM			
GENERAL TOLERANCES (UNLESS SPECIFIED)						PRODUCT CUSTOMER DRAWING			
ANGULAR TOL	± 3.0 °	EC NO: 825582				DOCUMENT NUMBER			
4 PLACES	±	DRWN: SANATK1 2025/06/06				SD-171596-0100			
3 PLACES	±	CHK'D: GGA 2025/06/27				DOC TYPE			
2 PLACES	± 0.4	APPR: GGA 2025/06/27				PSD			
1 PLACE	± 0.5	INITIAL REVISION:				DOC PART			
0 PLACES	±	DRWN: MKARADIMAS 2012/08/03				001			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: APATEL 2012/08/17				F4			
THIRD ANGLE PROJECTION		DRAWING				SHEET NUMBER			
		A2-SIZE				1 OF 3			
		SERIES							
		171596							
		MATERIAL NUMBER							
		SEE TABLE							
		CUSTOMER							
		GENERAL MARKET							

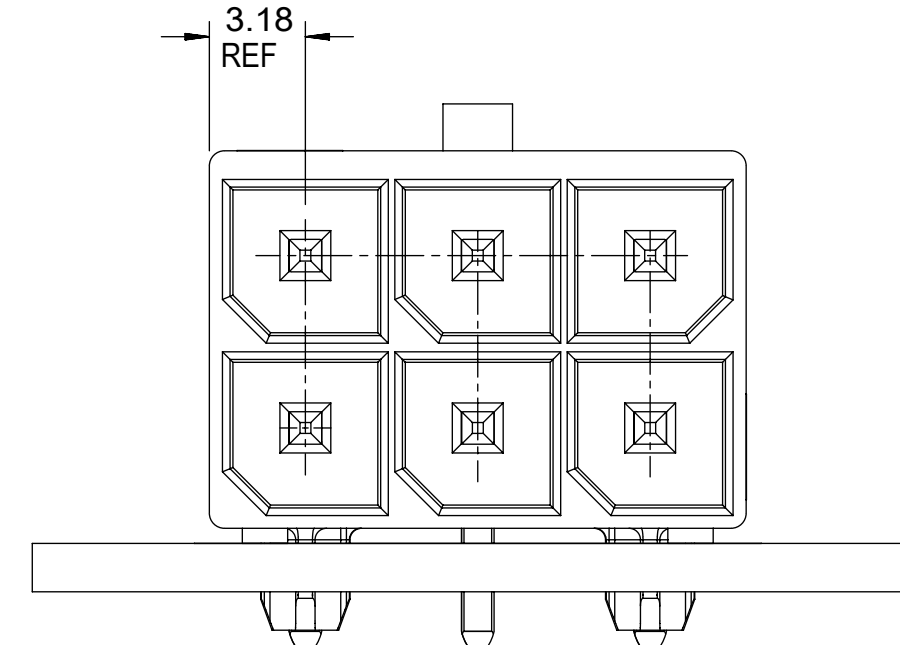
DOCUMENT STATUS	P1	RELEASE DATE	2025/06/27	05:38:55
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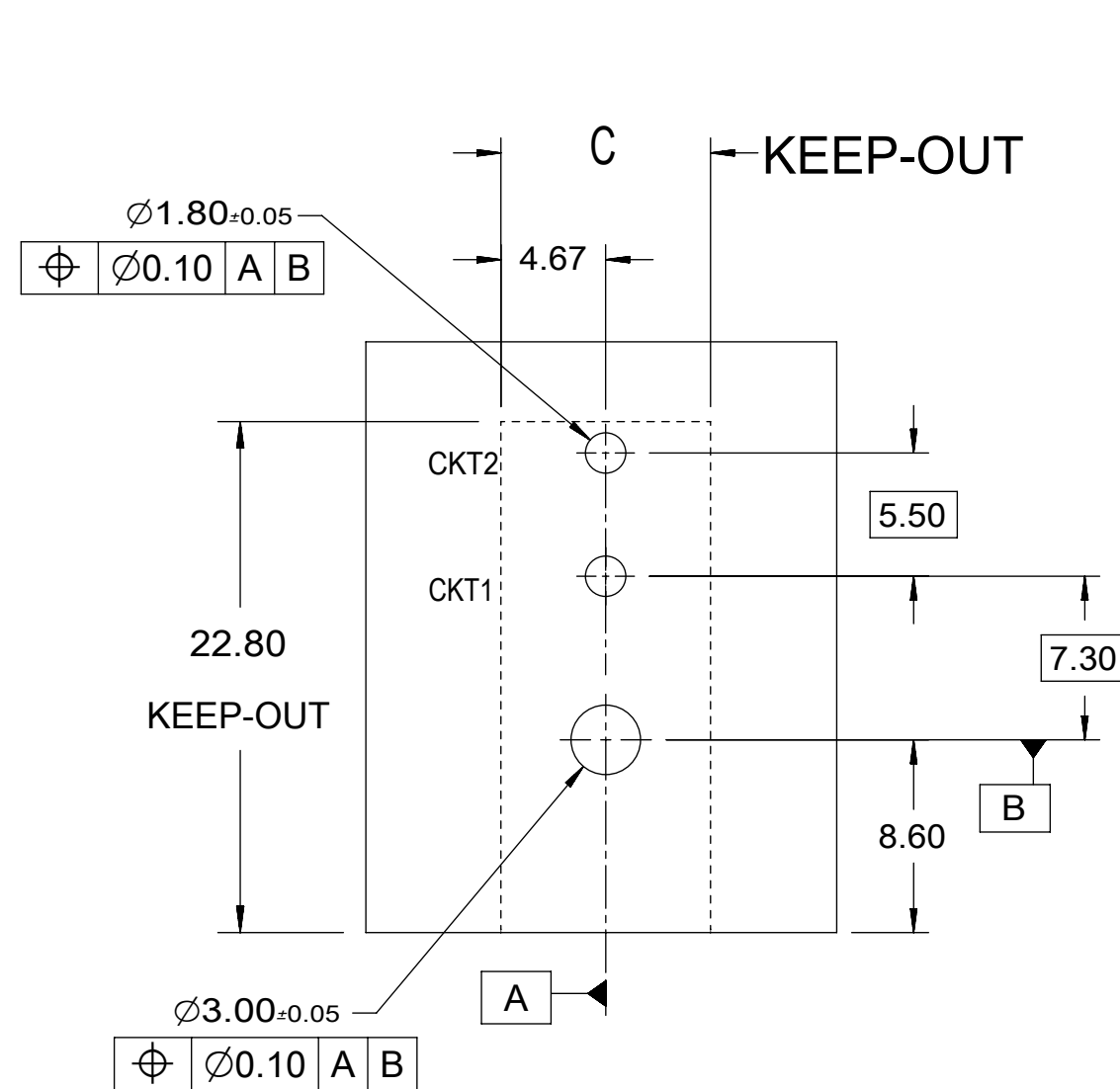
2 CIRCUIT



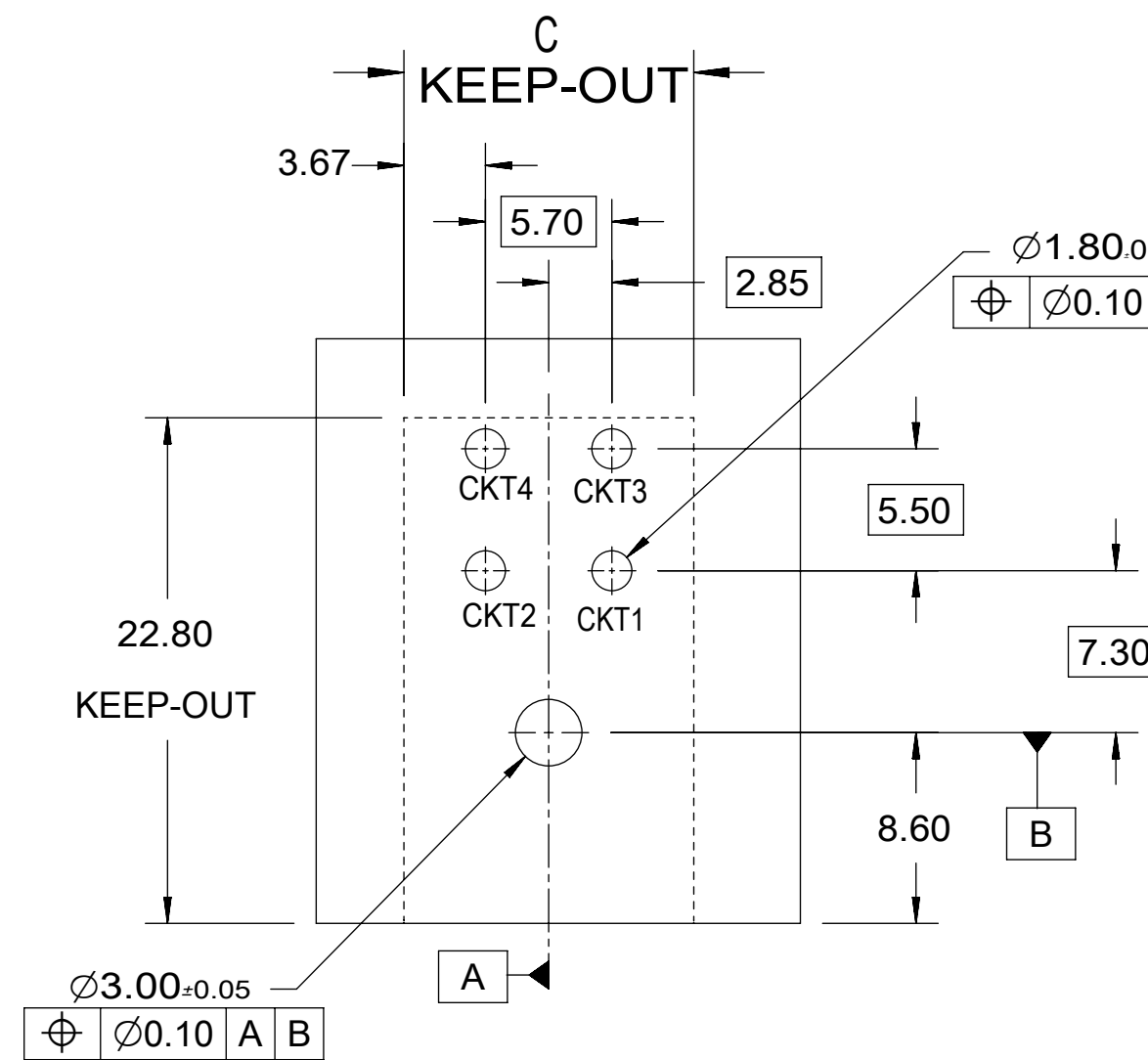
4 CIRCUIT



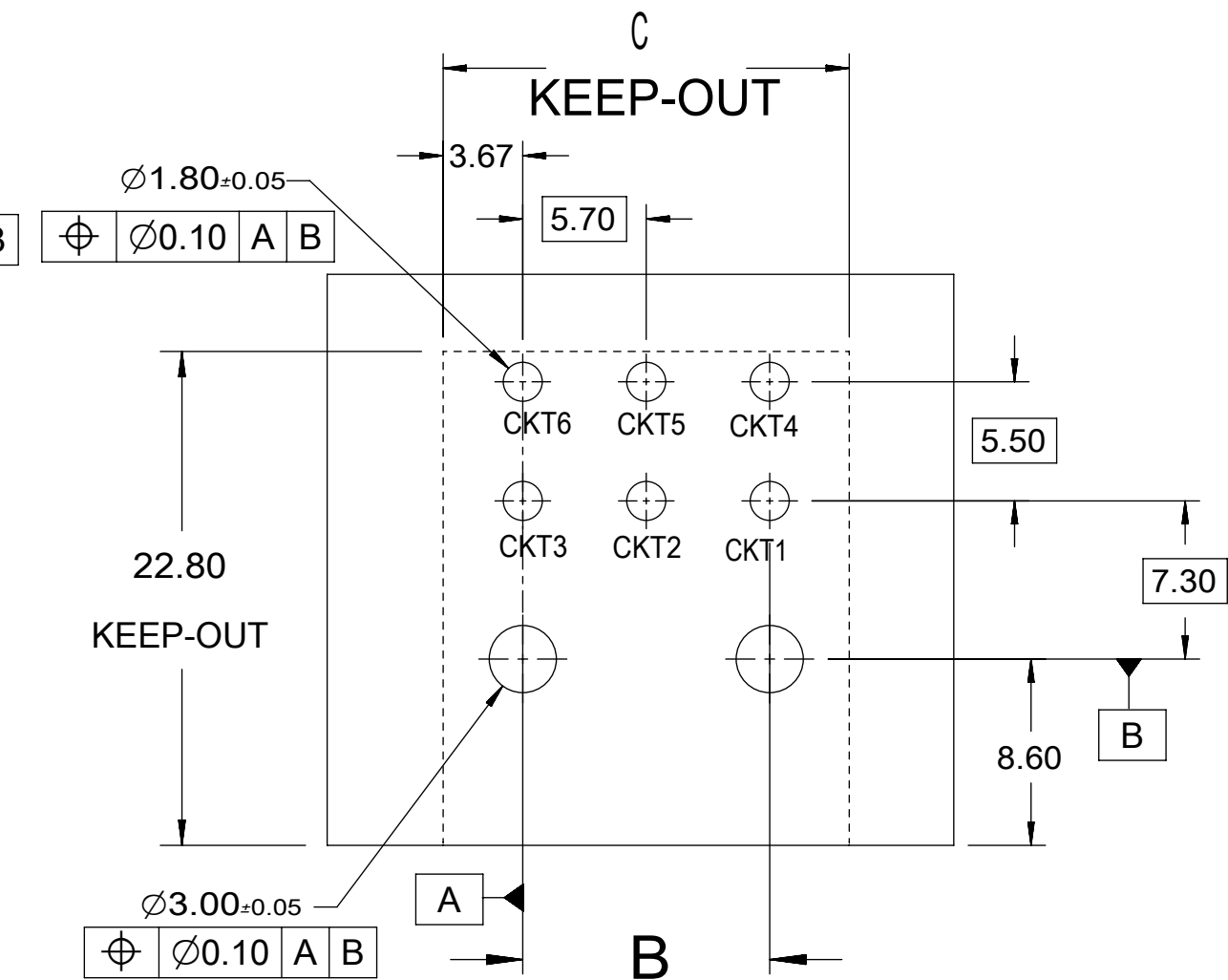
6-12 CIRCUIT



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
TO 2.36 MM/.093 IN



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
TO 2.36 MM/.093 IN



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
TO 2.36 MM/.093 IN

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#514336				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								MEGA-FIT R/A HEADER ASSY 2-12 CKT CUSTOM							
ANGULAR TOL ± 3.0 °															
4 PLACES		±													
3 PLACES		±		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER SD-171596-0100 DOC TYPE PSD DOC PART 001 REVISION F4							
2 PLACES		± 0.4													
1 PLACE		± 0.5													
0 PLACES		±		INITIAL REVISION: DRWN: MKARADIMAS 2012/08/03 APPR: APATEL 2012/08/17											
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING						SERIES		MATERIAL NUMBER	
						A2-SIZE		171596		SEE TABLE		GENERAL MARKET		2 OF 3	

[illegible]