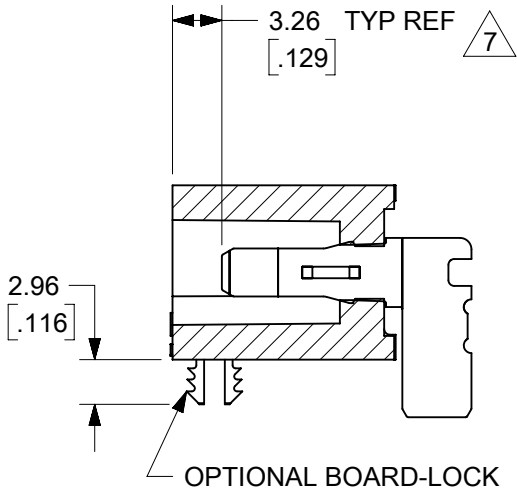
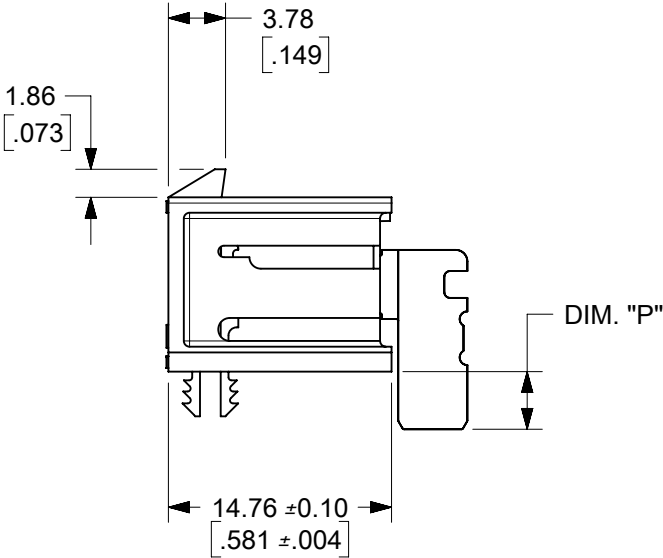
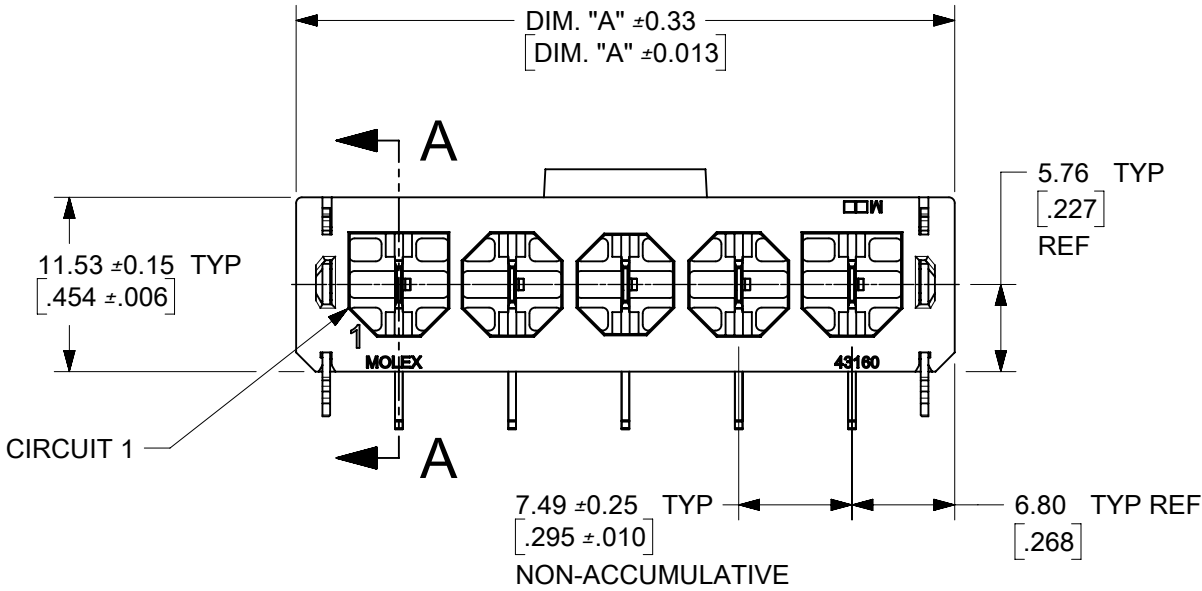
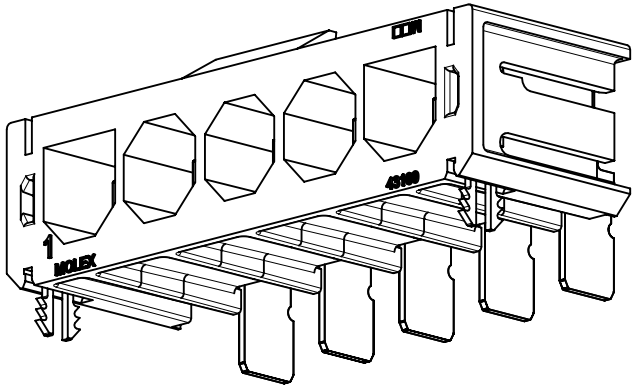
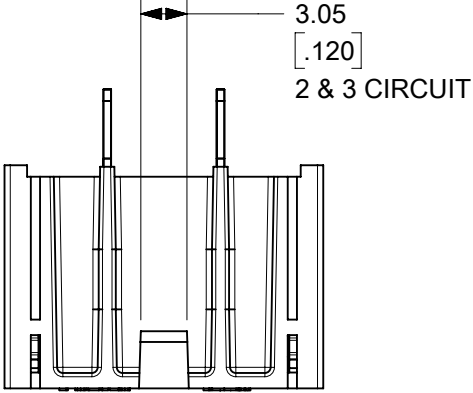
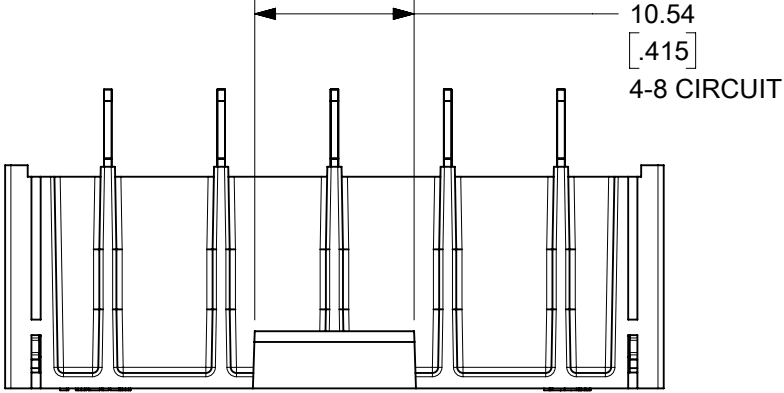


CIRCUIT SIZE	DIM. "A"
2	$\frac{21.08}{.830}$
3	$\frac{28.58}{1.125}$
4	$\frac{36.07}{1.420}$
5	$\frac{43.56}{1.715}$
6	$\frac{51.05}{2.010}$
8	$\frac{66.04}{2.600}$



SECTION A-A

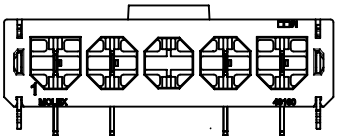
- NOTES:
- MATERIALS
HOUSING: GLASS-FILLED, LIQUID CRYSTAL POLYMER (LCP), UL94V-0, LOW-HALOGEN, GLOW-WIRE CAPABLE, COLOR: BLACK
TERMINALS: ETP COPPER
 - FINISHES:
0.00254/.000100 MIN SELECT SILVER AND 0.00254/.000100 MIN SELECT MATTE TIN OVER NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-171825-001
 - PACKAGING INFORMATION: PK-43789-001 (TRAY PACK)
 - MATES WITH:
171825 FEMALE CRIMP TERMINALS
172672 RECEPTACLE HOUSINGS
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 - HEADERS ARE DESIGNED TO MINIMIZE ACCESSIBILITY TO LIVE PARTS, PER UL 1977 AND UL 60950 FINGER PROBE REQUIREMENTS.
 - SLOTTED VIAS, PLATED THRU. MOLEX RECOMMENDS ANNULAR RING DESIGN
 - PARAMETERS AS SPECIFIED IN IPC-2221, GENERIC STANDARD ON PRINTED BOARD DESIGN.
 - 3.00/1.18 MOUNTING-HOLES (NON-PLATED) FOR OPTIONAL BOARD-LOCKS SHOWN.

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/19	14:34:22
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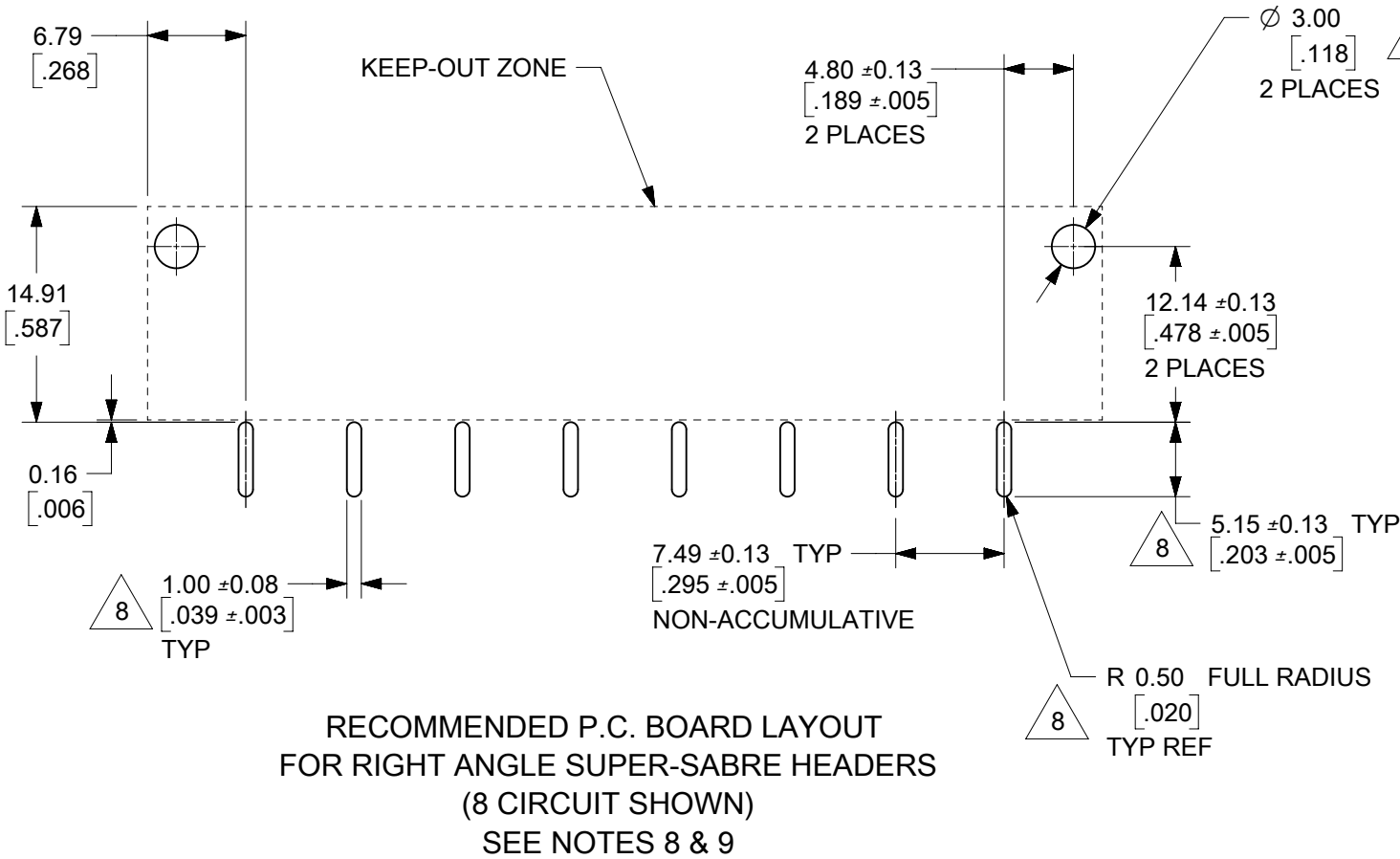
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
	DIMENSION UNITS	SCALE			SUPER-SABRE RIGHT-ANGLE HEADER ASSY SINGLE-ROW, FINGER-PROOF			
$\frac{E}{A} = 0$	MM/INCH	2:1						
$\frac{E}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)							
$\frac{E}{D} = 0$		MM	INCH					
DIVISIONAL SYMBOLS	4 PLACES	±	±					
	3 PLACES	±	±	0.005				
	2 PLACES	±	0.13	± 0.01				
	1 PLACE	±	0.25	±				
	0 PLACES	±	±					
		ANGULAR TOL	±	0.5 °				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
						B-SIZE	172043	SEE CHART
								CUSTOMER
								SHEET NUMBER
								1 OF 2

ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK
172043-0201	2	3.81/ (.150) (SHORT TAIL)	NO
172043-0301	3		
172043-0401	4		
172043-0501	5		
172043-0601	6		
172043-0801	8		
172043-0202	2	3.81/ (.150) (SHORT TAIL)	YES
172043-0302	3		
172043-0402	4		
172043-0502	5		
172043-0602	6		
172043-0802	8		
172043-0205	2	5.33/ (.210) (LONG TAIL)	NO
172043-0305	3		
172043-0405	4		
172043-0505	5		
172043-0605	6		
172043-0805	8		
172043-0206	2	5.33/ (.210) (LONG TAIL)	YES
172043-0306	3		
172043-0406	4		
172043-0506	5		
172043-0606	6		
172043-0806	8		
172043-0209	2	2.70/ (.106) (EXTRA SHORT)	YES

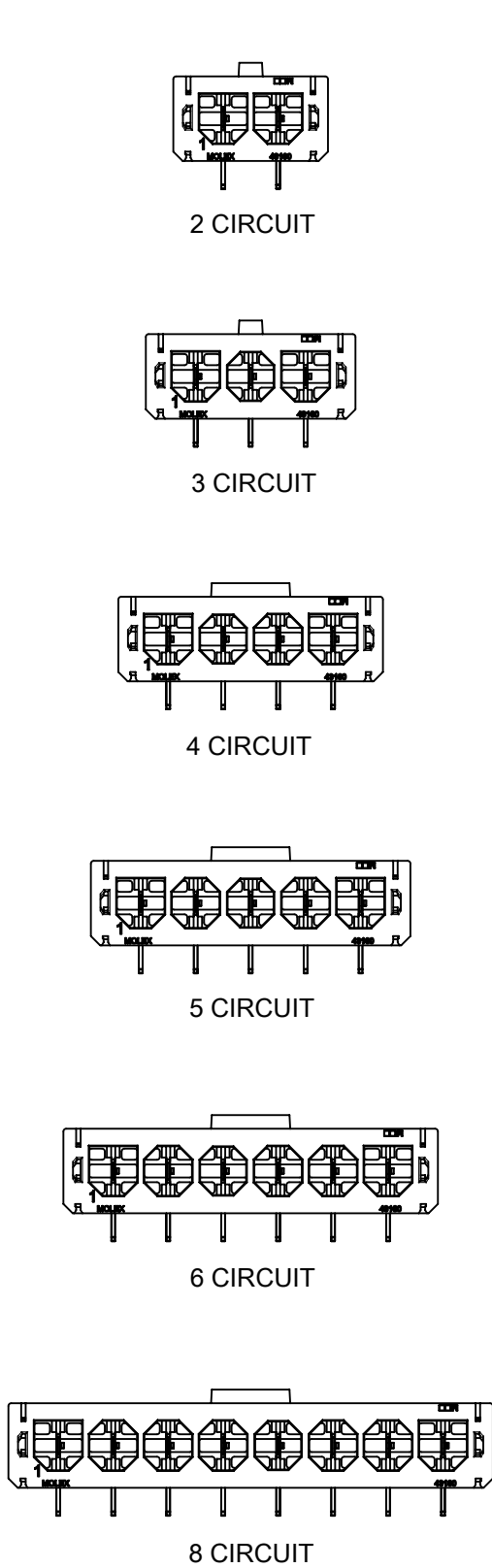
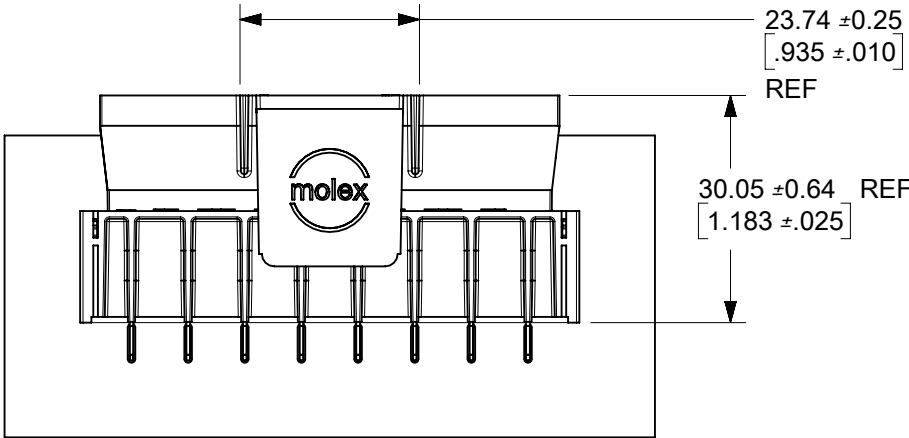
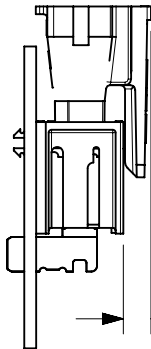
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK	VOIDED CIRCUITS
172043-0512	5	3.81/(.150) (SHORT TAIL)	YES	3



5 CIRCUIT,CIRCUIT 3 VOIDED



RECOMMENDED P.C. BOARD LAYOUT
FOR RIGHT ANGLE SUPER-SABRE HEADERS
(8 CIRCUIT SHOWN)
SEE NOTES 8 & 9



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 SUPER-SABRE RIGHT-ANGLE HEADER ASSY SINGLE-ROW, FINGER-PROOF					
	MM/INCH		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	MM		INCH										
		=	0	4 PLACES		±		±	EC NO: 789838 DRWN: PRADIK1 CHK'D: PRADIK1 APPR: ISHWARG 2024/03/08 2024/06/19 2024/06/19				
		=	0	3 PLACES		±		± 0.005					
		=	0	2 PLACES		± 0.13	± 0.01						
		=	0	1 PLACE		± 0.25	±						
	DIVISIONAL SYMBOLS	0 PLACES		±		±	INITIAL REVISION:			DOCUMENT NUMBER SD-172043-001 DOC TYPE PSD DOC PART 001 REVISION C3			
ANGULAR TOL		± 0.5 °		DRWN: BANDERSON APPR: BANDERSON 2013/06/21 2013/06/25									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING B-SIZE		SERIES 172043					
								MATERIAL NUMBER SEE CHART					
								CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2			