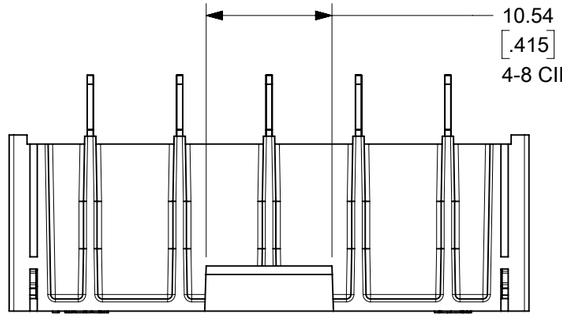
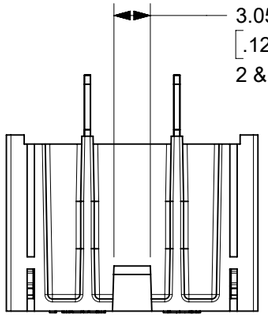
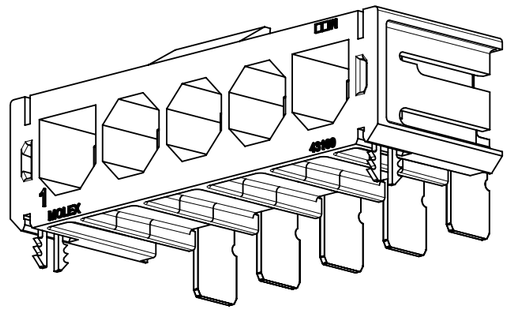
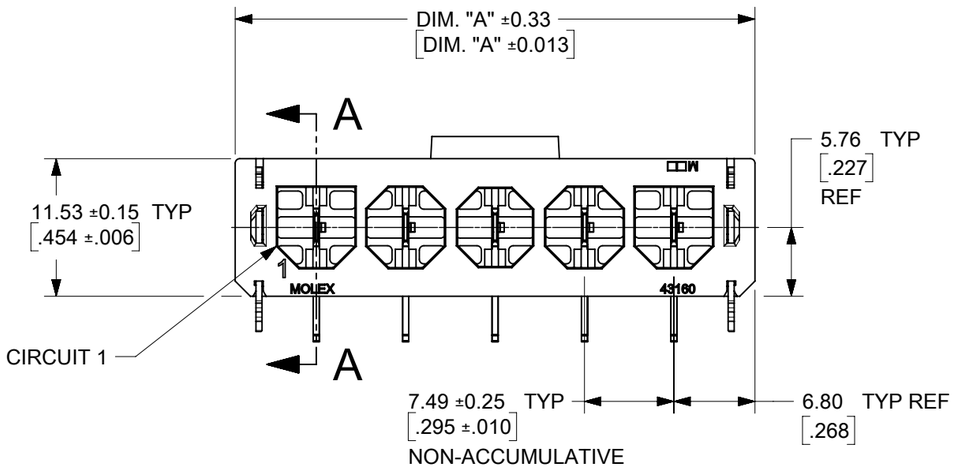
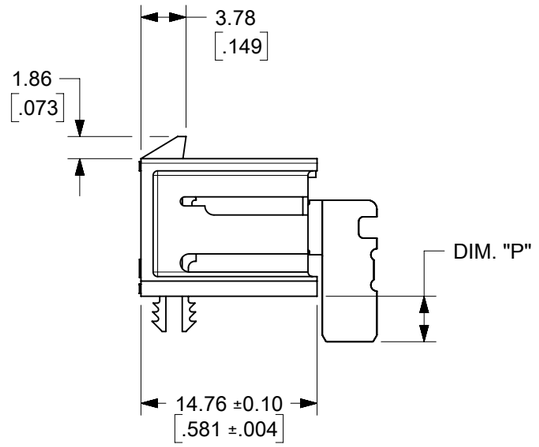
CIRCUIT SIZE	DIM. "A"
2	21.08 / .830
3	28.58 / 1.125
4	36.07 / 1.420
5	43.56 / 1.715
6	51.05 / 2.010
8	66.04 / 2.600

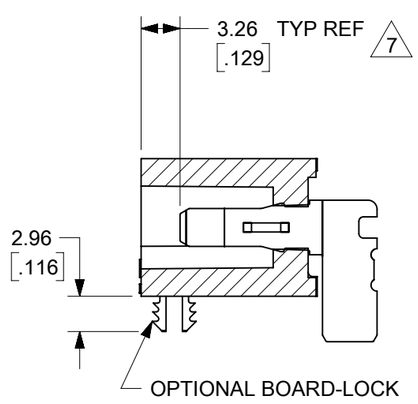












SECTION A-A

NOTES:
1. MATERIALS
 HOUSING: GLASS-FILLED, LIQUID CRYSTAL POLYMER (LCP), UL94V-0,
 LOW-HALOGEN, GLOW-WIRE CAPABLE, COLOR: BLACK
 TERMINALS: ETP COPPER
2. FINISHES:
 0.00254/.000100 MIN SELECT SILVER AND 0.00254/.000100 MIN
 SELECT MATTE TIN OVER NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-171825-001
4. PACKAGING INFORMATION: PK-43789-001 (TRAY PACK)
5. MATES WITH:
 171825 FEMALE CRIMP TERMINALS
 172672 RECEPTACLE HOUSINGS
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. HEADERS ARE DESIGNED TO MINIMIZE ACCESSIBILITY TO LIVE PARTS, PER UL 1977 AND UL 60950 FINGER PROBE REQUIREMENTS.
8. SLOTTED VIAS, PLATED THRU. MOLEX RECOMMENDS ANNULAR RING DESIGN PARAMETERS AS SPECIFIED IN IPC-2221, GENERIC STANDARD ON PRINTED BOARD DESIGN.
9. 3.00/1.18 MOUNTING-HOLES (NON-PLATED) FOR OPTIONAL BOARD-LOCKS SHOWN.

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/01 22:19:46

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM/INCH
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
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

CURRENT REV DESC: ADD 172043-0209

EC NO: 702587
DRWN: MKIPPER 2022/03/04
CHK'D: MKIPPER 2022/05/09
APPR: FSMITH 2022/05/09

INITIAL REVISION:
DRWN: BANDERSON 2013/06/21
APPR: BANDERSON 2013/06/25

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 172043

molex

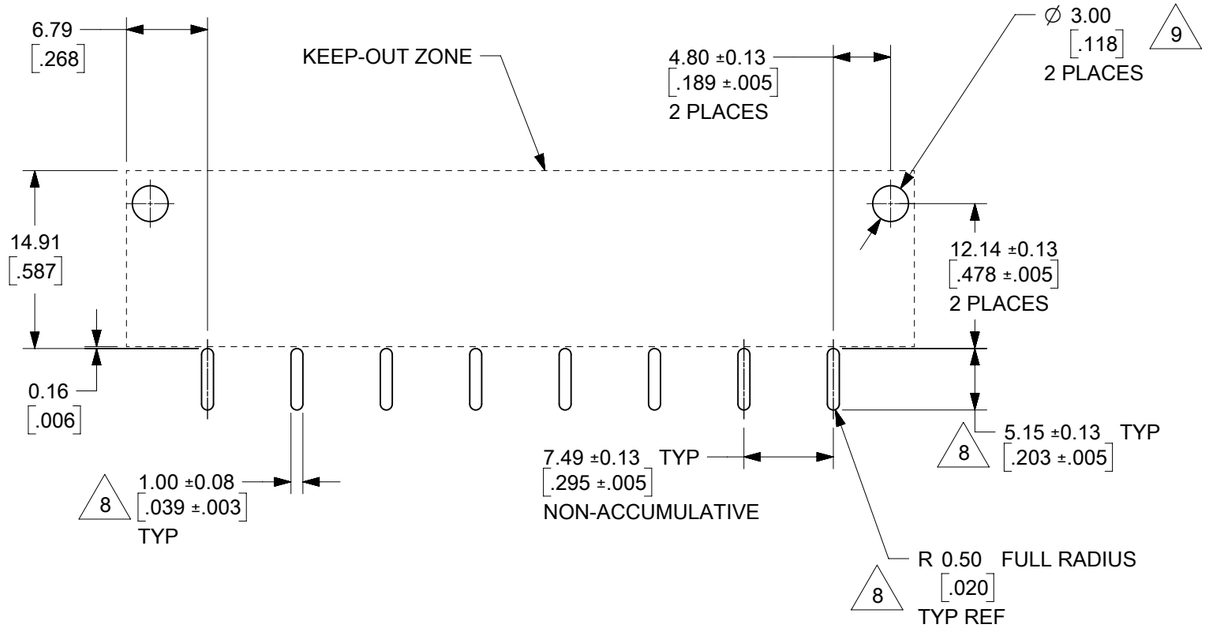
SUPER-SABRE RIGHT-ANGLE
HEADER ASSY SINGLE-ROW, FINGER-PROOF

PRODUCT CUSTOMER DRAWING

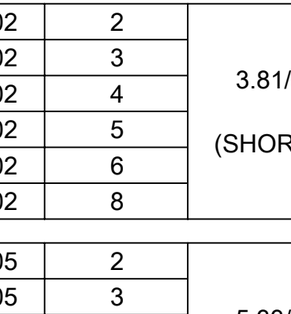
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172043-001	PSD	001	C2

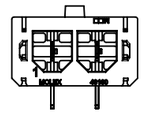
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

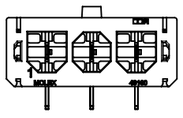
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± 0.51/.020	BOARD LOCK
172043-0201	2	3.81/(.150) (SHORT TAIL)	NO
172043-0301	3		
172043-0401	4		
172043-0501	5		
172043-0601	6		
172043-0801	8		
172043-0202	2	3.81/(.150) (SHORT TAIL)	YES
172043-0302	3		
172043-0402	4		
172043-0502	5		
172043-0602	6		
172043-0802	8		
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

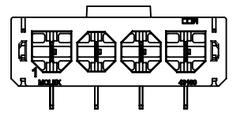


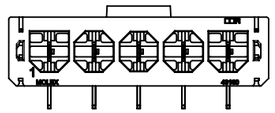
RECOMMENDED P.C. BOARD LAYOUT
FOR RIGHT ANGLE SUPER-SABRE HEADERS
(8 CIRCUIT SHOWN)
SEE NOTES 8 & 9

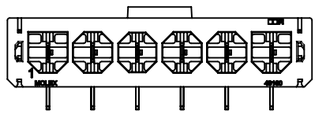


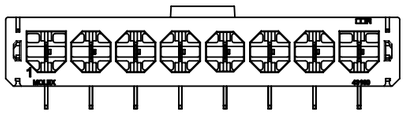

2 CIRCUIT


3 CIRCUIT


4 CIRCUIT


5 CIRCUIT


6 CIRCUIT


8 CIRCUIT

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DRWN: BANDERSON 2013/06/21
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THIRD ANGLE PROJECTION
DRAWING: B-SIZE
SERIES: 172043
MATERIAL NUMBER: SEE CHART
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 2 OF 2

molex

SUPER-SABRE RIGHT-ANGLE
HEADER ASSY SINGLE-ROW, FINGER-PROOF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172043-001	PSD	001	C2