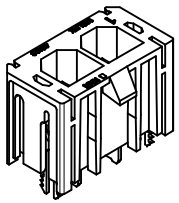
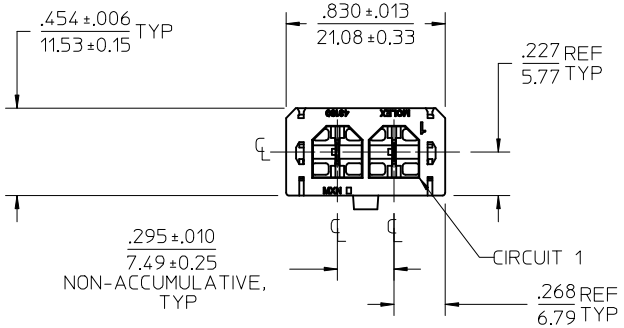
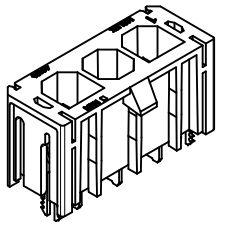
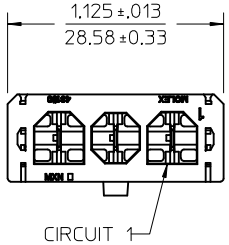


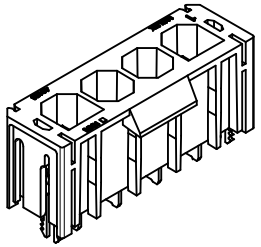
SECTION A-A
TYP

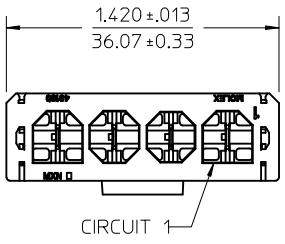


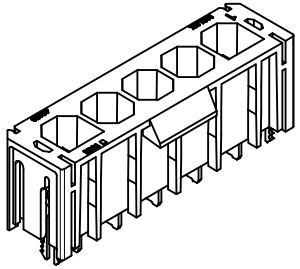


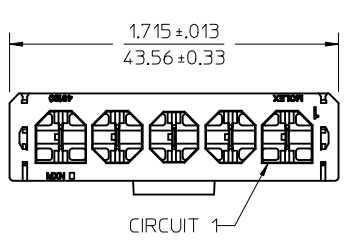


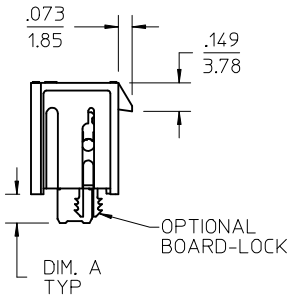




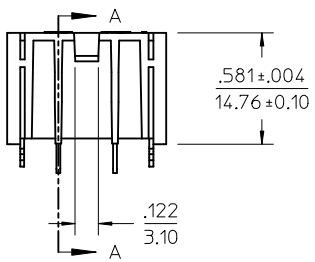




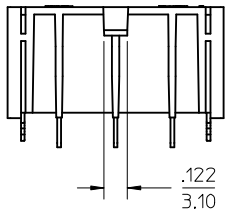




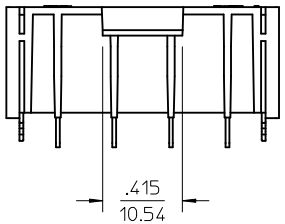
SIDE VIEW, TYP



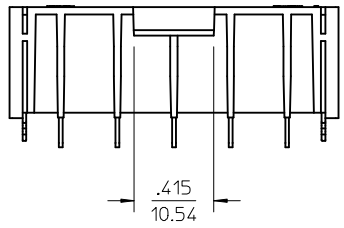
2 CIRCUIT



3 CIRCUIT



4 CIRCUIT



5 CIRCUIT

NOTES:
1. MATERIALS
   HOUSING: GLASS-FILLED, LIQUID CRYSTAL POLYMER (LCP), UL94V-0, LOW-HALOGEN, GLOW-WIRE CAPABLE, COLOR: BLACK
   TERMINALS: ETP COPPER
2. FINISHES:
   .000100/.00254 MIN SELECT SILVER AND .000100/.00254 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 INDICATED AS "FINGER-PROOF" 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. .118/3.00 MOUNTING-HOLES (NON-PLATED) FOR OPTIONAL BOARD-LOCKS SHOWN.

REMOVE PARTS
EC NO: UCP2016-3531
DRWN:MBANDURA 2016/03/09
CHKD:BANDURA 2016/03/09
APPR:FSMITH 2016/04/29
DESCRIPTION
REV

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BANDERSON DATE: 2013/06/21
CHECKED BY: DATE:
APPROVED BY: FSMITH DATE: 2013/12/06

TITLE: SUPER-SABRE VERTICAL HEADER ASSY SINGLE-ROW

molex

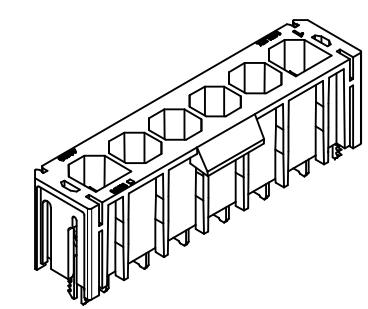
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-172042-001
SHEET NO.: 1 OF 2
SIZE: C

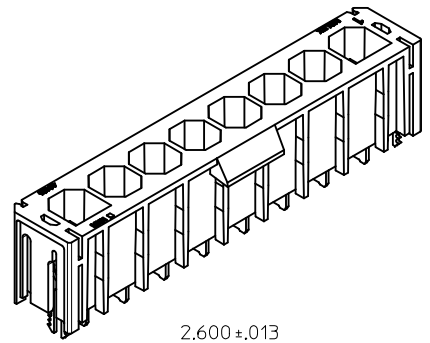
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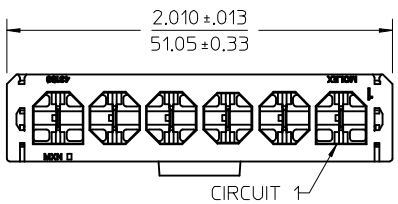
MATERIAL NUMBER*	CIRCUIT SIZE	SOLDER-TAIL	FINGER PROOF 7	BOARD-LOCK
1720420201	2	SHORT	YES	NO
1720420202	2	SHORT	YES	YES
1720420205	2	LONG	YES	NO
1720420206	2	LONG	YES	YES
1720420301	3	SHORT	YES	NO
1720420302	3	SHORT	YES	YES
1720420305	3	LONG	YES	NO
1720420306	3	LONG	YES	YES
1720420401	4	SHORT	YES	NO
1720420402	4	SHORT	YES	YES
1720420405	4	LONG	YES	NO
1720420406	4	LONG	YES	YES
1720420501	5	SHORT	YES	NO
1720420502	5	SHORT	YES	YES
1720420505	5	LONG	YES	NO
1720420506	5	LONG	YES	YES
1720420601	6	SHORT	YES	NO
1720420602	6	SHORT	YES	YES
1720420605	6	LONG	YES	NO
1720420606	6	LONG	YES	YES
1720420801	8	SHORT	YES	NO
1720420802	8	SHORT	YES	YES
1720420805	8	LONG	YES	NO
1720420806	8	LONG	YES	YES

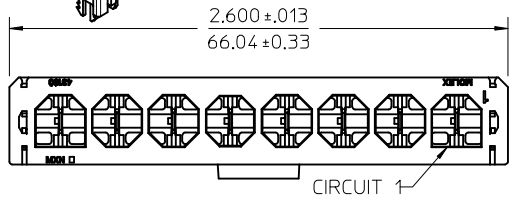
SOLDER-TAIL	DIM. "A" ±.020/0.51
SHORT	.150/3.81
LONG	.210/5.33

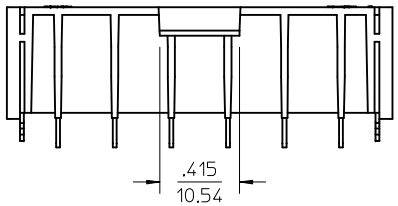
FINGER-PROOF	DIM. "B" (REF)
YES	.129/3.26



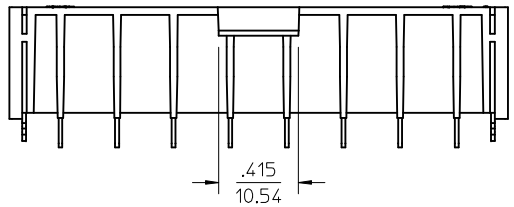




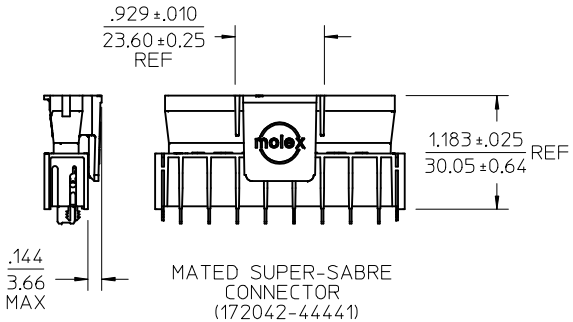




6 CIRCUIT

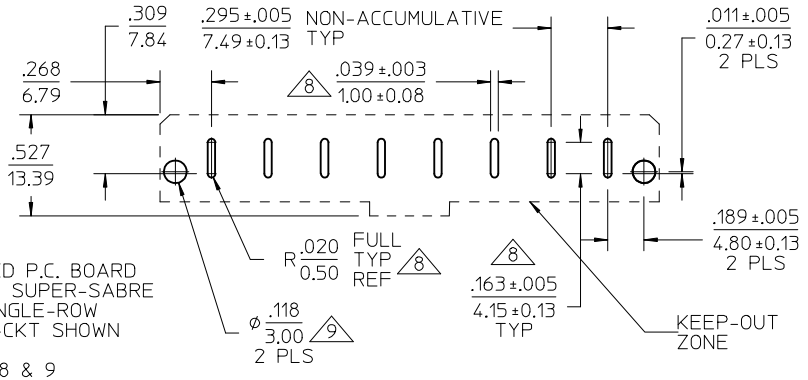


8 CIRCUIT



MATED SUPER-SABRE CONNECTOR (172042-44441)

SCALE 1:1



RECOMMENDED P.C. BOARD LAYOUT FOR SUPER-SABRE VERTICAL SINGLE-ROW HEADERS, 8-CKT SHOWN

SEE NOTES 8 & 9

SEE SHEET 1
EC NO: UCP2016-3531
DRWN:MBANDURA 2016/03/09
CHKD:BANDURA 2016/03/09
APPR:FSMITH 2016/04/29
DESCRIPTION
REV

QUALITY SYMBOLS
E =0
F =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BANDERSON DATE: 2013/06/21
CHECKED BY: DATE:
APPROVED BY: FSMITH DATE: 2013/12/06

TITLE: SUPER-SABRE VERTICAL HEADER ASSY SINGLE-ROW

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-172042-001
SHEET NO.: 2 OF 2
SIZE: C

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0436400901 151670255 444280402 152660117 152670269 398800403 430451220 759001161
760475001 152670251 430450225 151660057 190730231 447642001 5046940301 152670357
190670071 190990009 0190700155 439151216 447691602 459705185