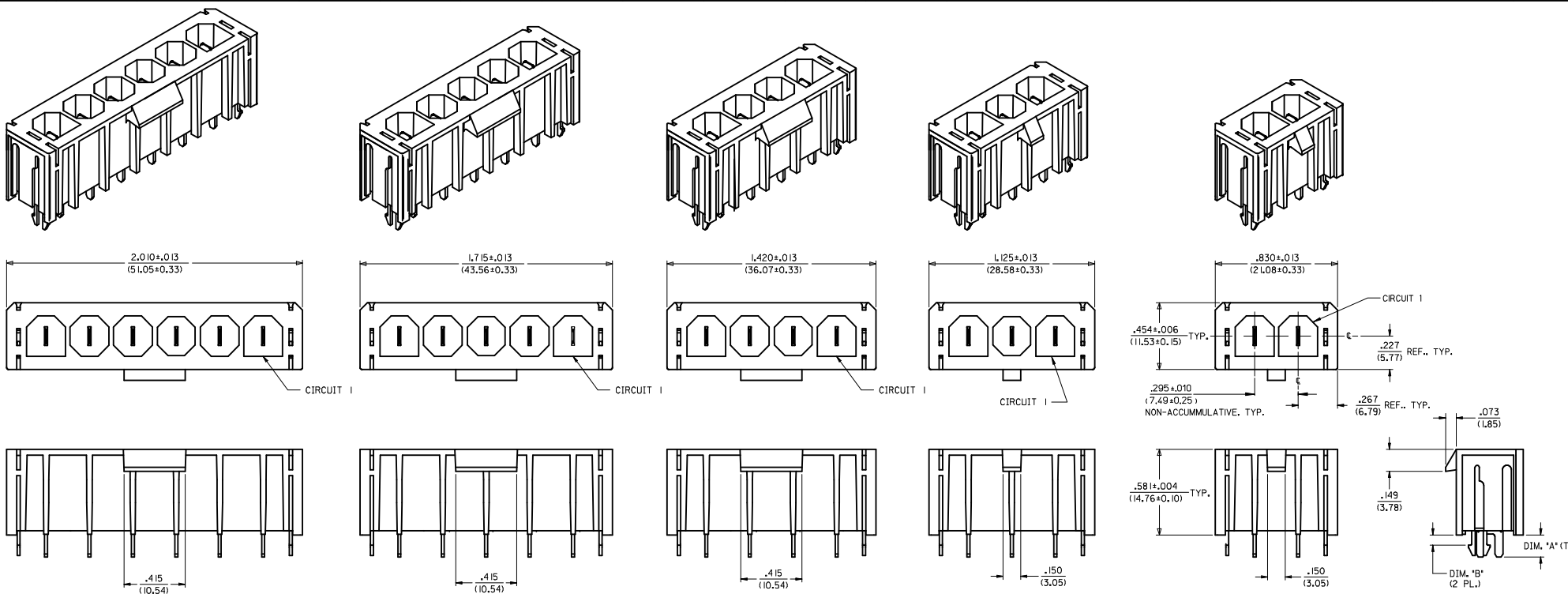
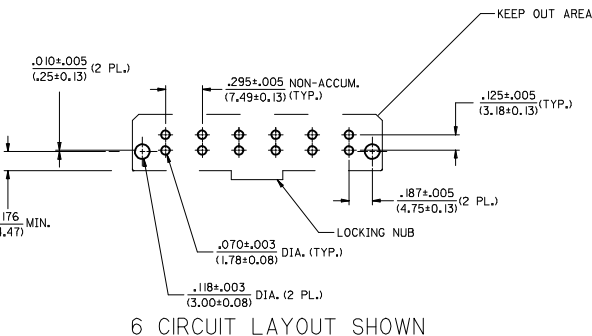


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS
SCALE 2:1



6 CIRCUIT LAYOUT SHOWN

NOTES:

1. INSULATOR MATERIAL (SEE CHART)
A = 30% GLASS FILLED 46 NYLON, 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: BRASS
2. TERMINAL FINISH: 60 MICROINCH (1.5 MICROMETER) MINIMUM TIN OVER
50 MICROINCH (1.25 MICROMETER) MINIMUM NICKEL.
3. PRODUCT SPECIFICATION: PSX-44441-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
6. SEE SHEETS 1, 2 AND 3, FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
7. SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
8. DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.

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

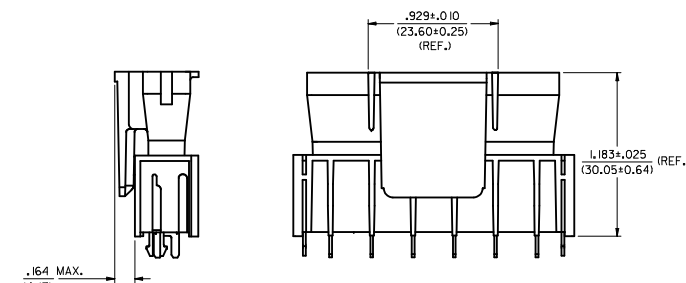
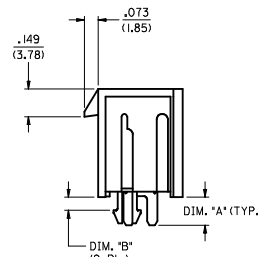
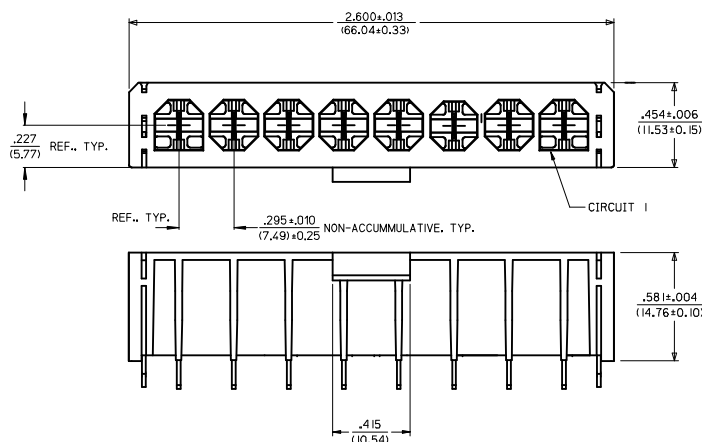
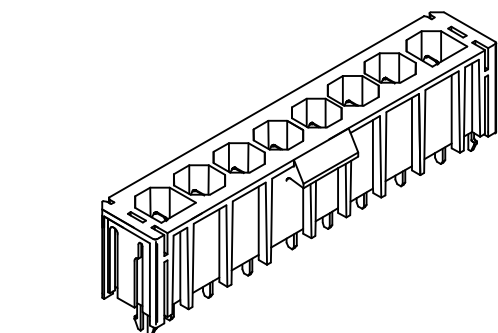
BOARD LOCK	DIM. "B" ±.004/(0.15)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

ADD 43160-9001 W/VD EC NO: UCP 2015-5276 DRAWN: MONTI CHKD: BANDERSON APPR: FSH TH REV DATE 2015/06/12 DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE GC 11/30/95 CHECKED BY DATE KBP 11/30/95 APPROVED BY DATE FSMITH 2015/06/25	SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(3.18)X .020/(0.51) molex	DOCUMENT NO. SDA-43160-****	SHEET NO. 1 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-0108	8	A	SHORT	N/A	PK-43160-0010
43160-0308	8	A	LONG	N/A	PK-43789-001
43160-2108	8	A	SHORT	.062	PK-43789-001
43160-4108	8	A	SHORT	.094	PK-43789-001
43160-4308	8	A	LONG	.094	PK-43789-001
43160-6308	8	A	LONG	.125	PK-43789-001

BOARD LOCK	DIM. "B" ±.004/(0,10)
.062	.070/(1,78)
.094	.102/(2,59)
.125	.133/(3,38)

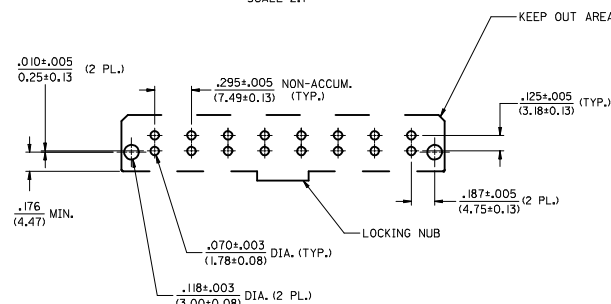
SOLDER TAIL	DIM. "A" ±.020/(0,51)
SHORT	.150/(3,81)
LONG	.210/(5,33)



MATED SABRE CONNECTOR
NO SCALE

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS

SCALE 2:1



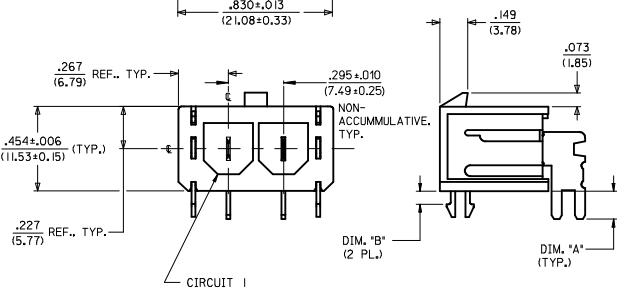
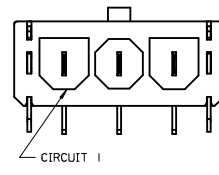
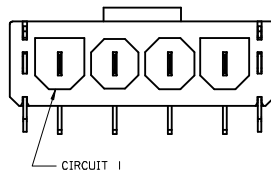
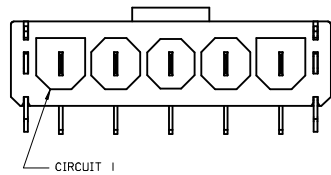
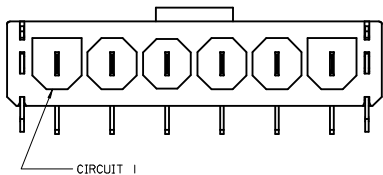
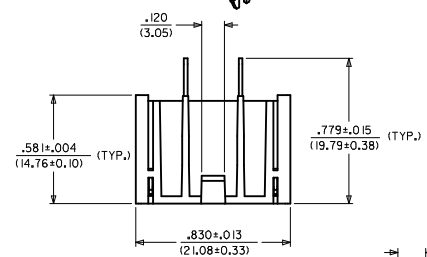
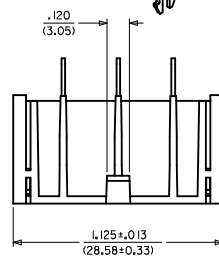
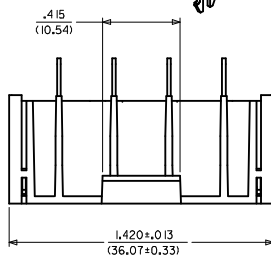
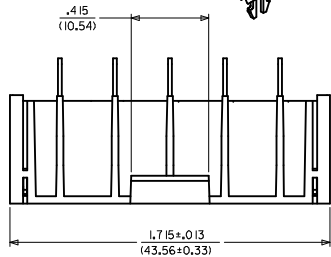
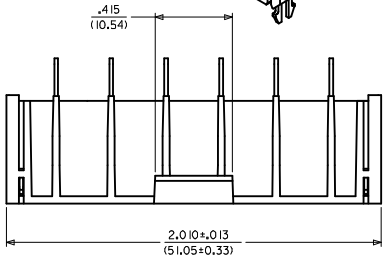
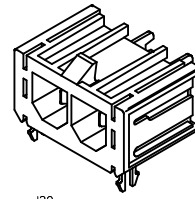
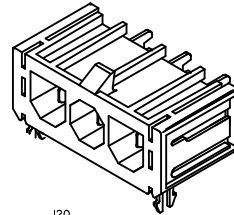
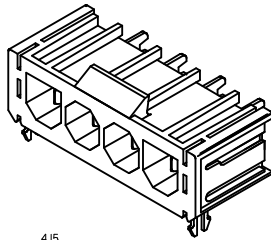
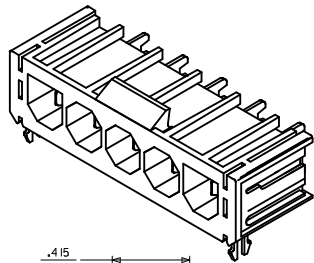
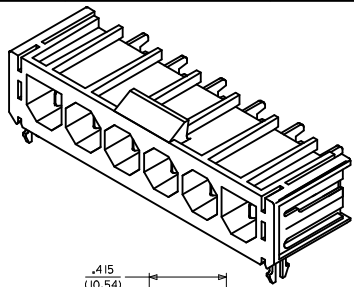
8 CIRCUIT LAYOUT SHOWN

NOTES:

- INSULATOR MATERIAL (SEE CHART)
A = 30% GLASS FILLED 46 NYLON, 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: BRASS
- TERMINAL FINISH: 60 MICROINCH (1.50 MICROMETER) MINIMUM TIN OVER.
50 MICROINCH (1.25 MICROMETER) MINIMUM NICKEL.
- PRODUCT SPECIFICATION: PSX-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSING.
- SEE SHEETS 1, 2 AND 3, FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.

SEE SHEET 1 REV REV REV REV REV REV REV REV REV REV	2015/06/12 2015/06/12 2015/06/12 2015/06/12 2015/06/12 2015/06/12 2015/06/12 2015/06/12 2015/06/12 2015/06/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	IN/MM		3:1	INCH	
	▽=0		4 PLACES	±---	±---	DRAWN BY	DATE	TITLE	
	▽=0		3 PLACES	±---	±.005	GC	11/30/95	SABRE HEADER, ASSY	
	▽=0		2 PLACES	±0.13	±.01	CHECKED BY	DATE	RA & VERT, 2-6 & 8 CIR.	
	▽=0		1 PLACE	±0.25	±---	KBP	11/30/95	.125/(3.18)X .020/(0.51)	
			0 PLACE	±---	±---	APPROVED BY	DATE		
						FSMTH	2015/06/25		
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43160-****	
					SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
							SHEET NO. 3 OF 6		

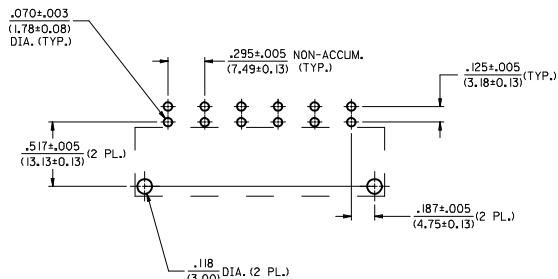
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



SEE SHEET 5 AND 6 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS

SCALE 2:1



6 CIRCUIT LAYOUT SHOWN

NOTES:

1. INSULATOR MATERIAL (SEE CHART):
A = 30% GLASS-FILLED 46 NYLON, 94V-0, COLOR: BLACK
TERMINAL MATERIAL: BRASS
2. TERMINAL FINISH: 60 MICROINCH (1.50 MICROMETER) MINIMUM TIN OVER
50 MICROINCH (1.25 MICROMETER) MINIMUM NICKEL.
3. PRODUCT SPECIFICATION: PSX-44441-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
6. SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR
RESPECTIVE PART NUMBERS.
7. SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND
THEIR RESPECTIVE PART NUMBERS.
8. DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

SOLDER TAIL	DIM. "A" ±.011/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

SEE SHEET 1 EC NO: UCP2015-5276 DRAWN: MONTI CHKD: BANDERSON APPR: FSH TH REV 2015/06/12 2015/06/12 2015/06/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE GC 11/30/95 CHECKED BY DATE KBP 11/30/95 APPROVED BY DATE FSMITH 2015/06/25	SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(3.18)X .020/(0.51) molex	MATERIAL NO. SEE CHART DOCUMENT NO. SDA-43160-****	SHEET NO. 4 OF 6

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1				
M	RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS	RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS	VOID CIRCUIT NUMBER(S)		RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS				
	43160-1102	2	A	SHORT	N/A		43160-1104	4	A	SHORT	N/A				43160-1106	6	A	SHORT	N/A					PK-43160-0010
	43160-1302	2	A	LONG	N/A		43160-1304	4	A	LONG	N/A				43160-1306	6	A	LONG	N/A					PK-43789-001
L	43160-3102	2	A	SHORT	.062		43160-3104	4	A	SHORT	.062				43160-3106	6	A	SHORT	.062					PK-43789-001
	43160-5102	2	A	SHORT	.094		43160-5104	4	A	SHORT	.094				43160-5106	6	A	SHORT	.094					PK-43789-001
	43160-5302	2	A	LONG	.094		43160-5304	4	A	LONG	.094				43160-5306	6	A	LONG	.094					PK-43789-001
	43160-7302	2	A	LONG	.125		43160-7304	4	A	LONG	.125				43160-7306	6	A	LONG	.125					PK-43789-001
K	43160-1103	3	A	SHORT	N/A		43160-1105	5	A	SHORT	N/A				43160-1105	5	A	SHORT	N/A					PK-43160-0010
	43160-1303	3	A	LONG	N/A		43160-1305	5	A	LONG	N/A				43160-1305	5	A	LONG	N/A					PK-43789-001
	43160-3103	3	A	SHORT	.062		43160-3105	5	A	SHORT	.062				43160-3105	5	A	SHORT	.062					PK-43789-001
J	43160-5103	3	A	SHORT	.094	43160-5105	5	A	SHORT	.094	43160-5105	5	A	SHORT	.094	PK-43789-001								
	43160-5303	3	A	LONG	.094	43160-5305	5	A	LONG	.094	43160-5305	5	A	LONG	.094	PK-43789-001								
	43160-7303	3	A	LONG	.125	43160-7305	5	A	LONG	.125	43160-7305	5	A	LONG	.125	PK-43789-001								
						43160-9001	4	A	SHORT	.062	PK-43789-001	2												
I																								
H																								
G																								
F																								
E																								
D																								
C																								
B																								
A																								

SEE SHEET 1 EC NO: UCP2015-5276 2015/06/12 DRAWN: MONTI CHKD: ANDERSON 2015/06/12 APPROVED: SMITH 2015/06/25	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0 ▽=0 ▽=0	IN/MM		IN/CH		1:1	INCH	SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(.13.18)X .020/(.0.51)	
			mm		INCH					
			4 PLACES ±.005		3 PLACES ±.01					
2 PLACES ±.013		1 PLACE ±.025		0 PLACE ±.005		DRAWN BY DATE		CHECKED BY DATE		
1 PLACE ±.025		0 PLACE ±.005		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43160-****		SHEET NO. 5 OF 6		
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

tb_frame_O_P_AM_T Rev. G 2012/01/11	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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SEE SHEET 1

IEC NO: UCP2015-5276

2015/06/12

DRWN: MONTI

2015/06/12

CHKD: BANDERSON

 2015/06/12 |

APPR: FSM TH

2015/06/12

REV

DESCRIPTION

QUALITY SYMBOLS

$\nabla=0$

$\nabla=0$

$\nabla=0$

4 PLACES

3 PLACES

2 PLACES

1 PLACE

0 PLACE

$\pm$ ---

$\pm$ ---

$\pm$ 0.13

$\pm$ 0.25

$\pm$ ---

$\pm$ ---

$\pm$ ---

$\pm$ 0.05

$\pm$ 0.01

$\pm$ ---

ANGULAR $\pm 1/2^\circ$

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

INCH

$\pm$ ---

$\pm$ 0.005

$\pm$ 0.01

$\pm$ ---

DIMENSION STYLE

IN/MM

DRAWN BY

DATE

11/30/95

CHECKED BY

DATE

11/30/95

APPROVED BY

DATE

FSMITH 2015/06/125

SCALE

1:1

DESIGN UNITS

INCH

THIRD ANGLE
PROJECTION

TITLE

SABRE HEADER, ASSY
RA & VERT, 2-6 & 8 CIR.
.125/(3.18)X .020/(0.51)

molex

MATERIAL NO.

2015/06/125

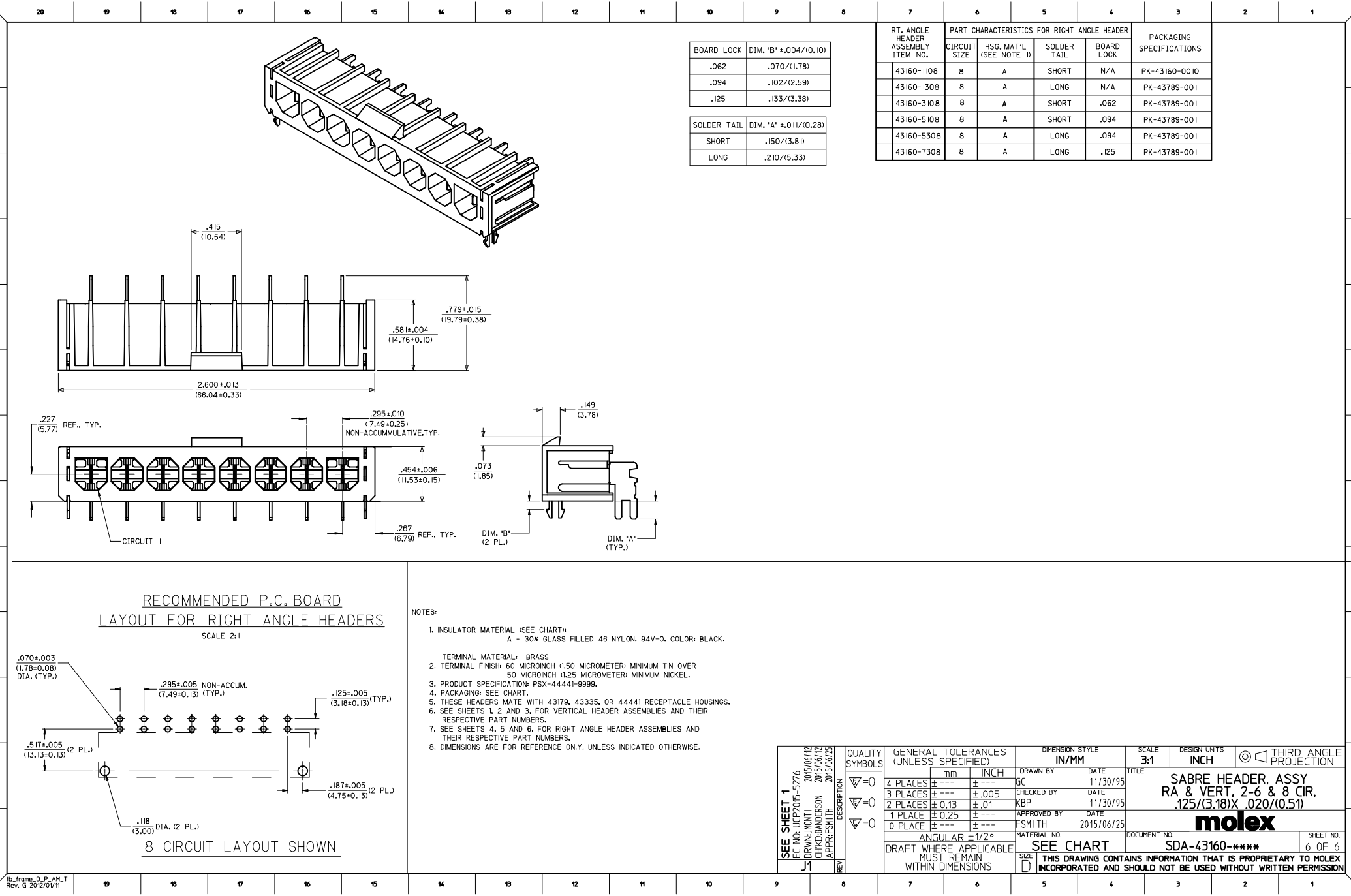
SEE CHART

DOCUMENT NO.

SDA-43160-****

SHEET NO.
5 OF 6

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

SOLDER TAIL	DIM. "A" ±.011/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-1108	8	A	SHORT	N/A	PK-43160-0010
43160-1308	8	A	LONG	N/A	PK-43789-001
43160-3108	8	A	SHORT	.062	PK-43789-001
43160-5108	8	A	SHORT	.094	PK-43789-001
43160-5308	8	A	LONG	.094	PK-43789-001
43160-7308	8	A	LONG	.125	PK-43789-001