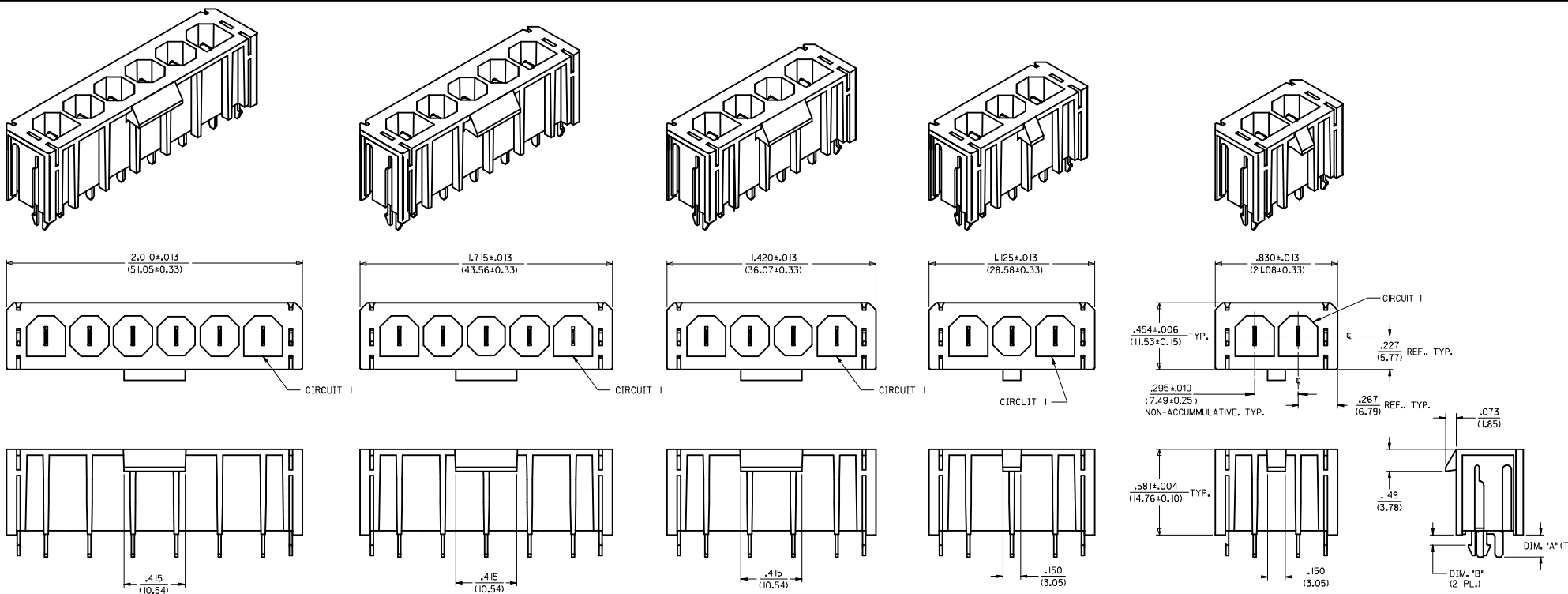
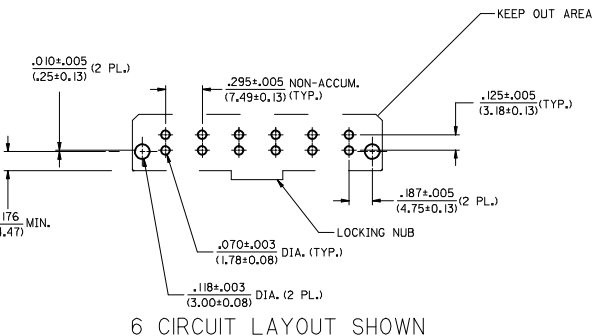


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

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



- NOTES:
- INSULATOR MATERIAL (SEE CHART)
A = 30% GLASS FILLED 46 NYLON, 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: BRASS
 - TERMINAL FINISH: 60 MICROINCH (1.5 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 HOUSINGS.
 - 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.

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

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS					VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS					
		CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK				
	43160-0102	2	A	SHORT	N/A	PK-43160-0010		43160-0104	4	A	SHORT	N/A	PK-43160-0010		43160-0106	6	A	SHORT	N/A	PK-43160-0010	
	43160-0302	2	A	LONG	N/A	PK-43789-001		43160-0304	4	A	LONG	N/A	PK-43789-001		43160-0306	6	A	LONG	N/A	PK-43789-001	
L	43160-2102	2	A	SHORT	.062	PK-43789-001		43160-2104	4	A	SHORT	.062	PK-43789-001		43160-2106	6	A	SHORT	.062	PK-43789-001	
	43160-4102	2	A	SHORT	.094	PK-43789-001		43160-4104	4	A	SHORT	.094	PK-43789-001		43160-4106	6	A	SHORT	.094	PK-43789-001	
	43160-4302	2	A	LONG	.094	PK-43789-001		43160-4304	4	A	LONG	.094	PK-43789-001		43160-4306	6	A	LONG	.094	PK-43789-001	
	43160-6302	2	A	LONG	.125	PK-43789-001		43160-6304	4	A	LONG	.125	PK-43789-001		43160-6306	6	A	LONG	.125	PK-43789-001	
K	43160-0103	3	A	SHORT	N/A	PK-43160-0010		43160-0105	5	A	SHORT	N/A	PK-43160-0010								
	43160-0303	3	A	LONG	N/A	PK-43789-001		43160-0305	5	A	LONG	N/A	PK-43789-001								
	43160-2103	3	A	SHORT	.062	PK-43789-001		43160-2105	5	A	SHORT	.062	PK-43789-001								
	43160-4103	3	A	SHORT	.094	PK-43789-001		43160-4105	5	A	SHORT	.094	PK-43789-001								
J	43160-4303	3	A	LONG	.094	PK-43789-001		43160-4305	5	A	LONG	.094	PK-43789-001								
	43160-6303	3	A	LONG	.125	PK-43789-001		43160-6305	5	A	LONG	.125	PK-43789-001								
I																					
H																					
G																					
F																					
E																					
D																					
C																					
B																					
A																					

SEE SHEET 1

EC NO: UCP2015-5276

2015/06/12

DRWN: MONTI

2015/06/12

CHKD: BANDERSON

2015/06/12

APPR: FSM TH

2015/06/25

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

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SDA-43160-****

SHEET NO.

2 OF 6

TITLE

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

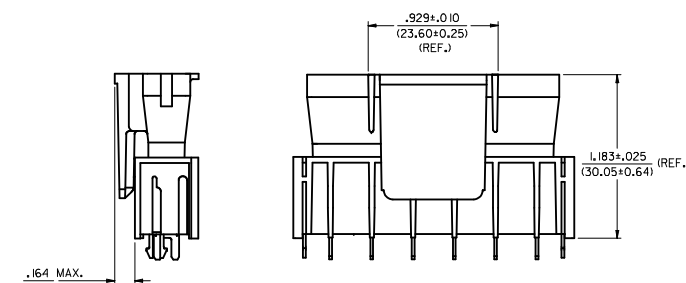
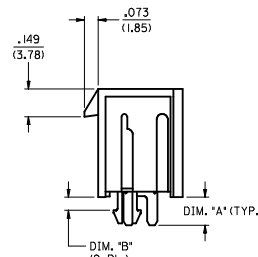
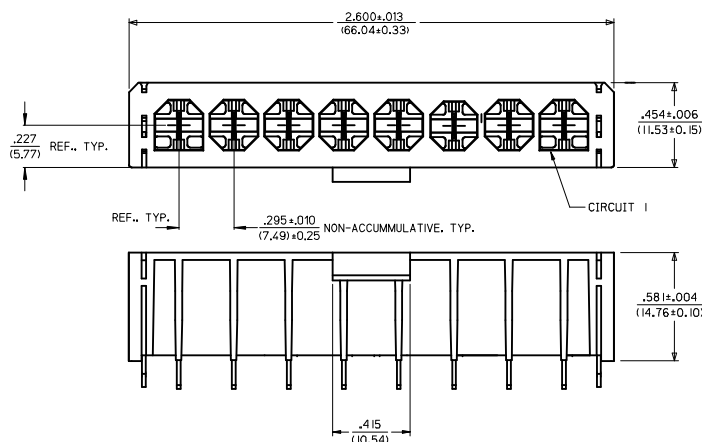
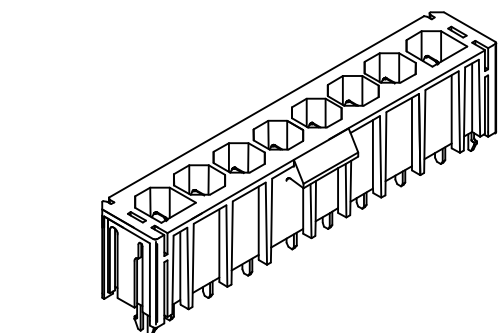
molex

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)

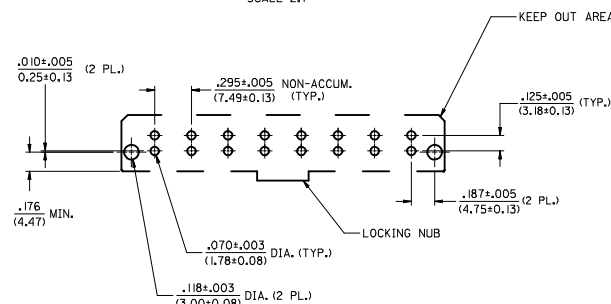
SOLDER TAIL	DIM. "A" ±.020/(0,51)
SHORT	.150/(3,81)
LONG	.210/(5,33)



MATED SABRE CONNECTOR
NO SCALE

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS

SCALE 2:1



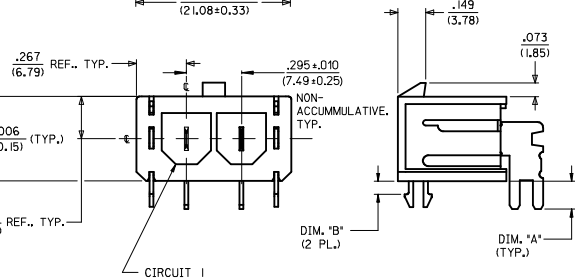
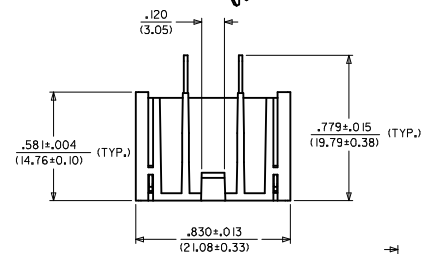
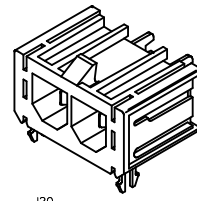
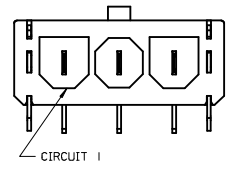
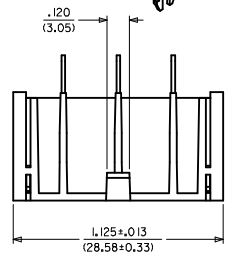
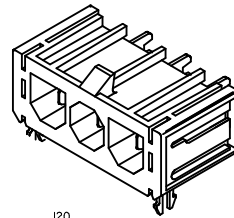
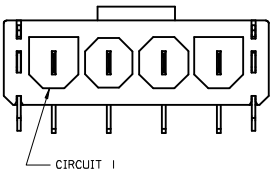
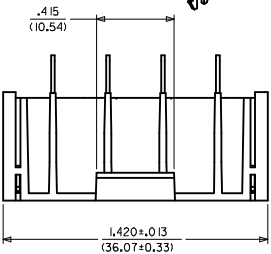
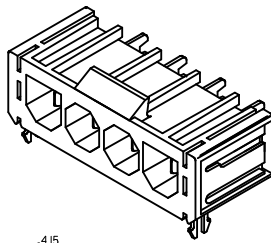
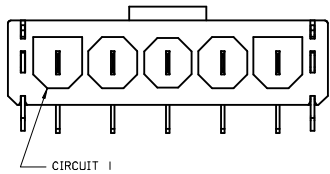
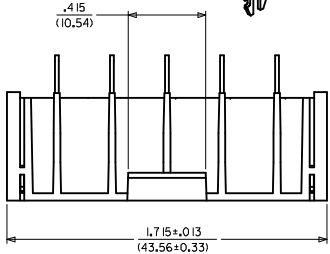
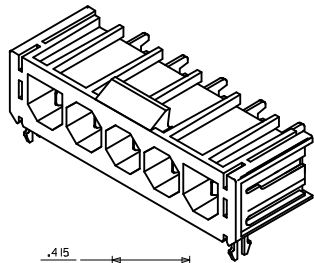
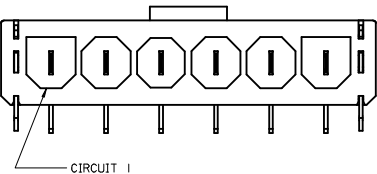
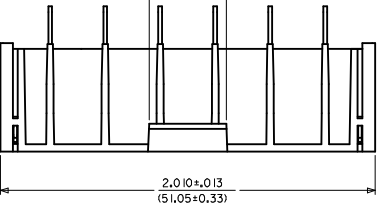
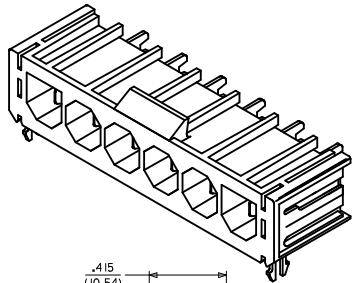
8 CIRCUIT LAYOUT SHOWN

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	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	IEC NO: UCP2015-5276	DRAWN: MONTI	CHKD: SANDERSON	APPR: FSM TH		mm INCH	IN/MM	DATE	3:1	INCH	
					▽=0	4 PLACES ±--- ±---	GC	11/30/95	TITLE		
					▽=0	3 PLACES ±--- ±.005	CHECKED BY	DATE	SABRE HEADER, ASSY		
					▽=0	2 PLACES ±0.13 ±.01	KBP	11/30/95	RA & VERT, 2-6 & 8 CIR.		
						1 PLACE ±0.25 ±---	APPROVED BY	DATE	.125/(3.18)X .020/(0.51)		
						0 PLACE ±--- ±---	FSM TH	2015/06/25	molex		
						ANGULAR ±1/2°	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
						DRAFT WHERE APPLICABLE	SEE CHART		SDA-43160-****		3 OF 6
						MUST REMAIN WITHIN DIMENSIONS	SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

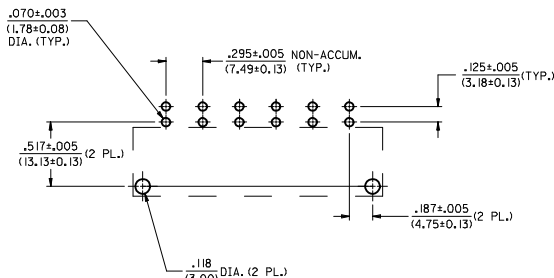
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				IN/MM		3:1	INCH	
	▽=0	4 PLACES	mm INCH	DRAWN BY	DATE	TITLE		
	▽=0	3 PLACES	±--- ±---	GC	11/30/95	SABRE HEADER, ASSY		
	▽=0	2 PLACES	±--- ±.005	CHECKED BY	DATE	RA & VERT, 2-6 & 8 CIR.		
	▽=0	1 PLACE	±0.13 ±.01	KBP	11/30/95	.125/(3.18)X .020/(0.51)		
		0 PLACE	±0.25 ±---	APPROVED BY	DATE	molex		
			±--- ±---	FSM1TH	2015/06/25			
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
		DRAFT WHERE APPLICABLE		SEE CHART		SDA-43160-****		4 OF 6
J1	REVIEW	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	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			43160-0010	-	43160-1106	6	A	SHORT		N/A	PK-43160-0010	
	43160-1302	2	A	LONG	N/A		43160-1304	4	A	LONG	N/A			PK-43789-001	-	43160-1306	6	A	LONG		N/A	PK-43789-001	
	43160-3102	2	A	SHORT	.062		43160-3104	4	A	SHORT	.062			PK-43789-001	-	43160-3106	6	A	SHORT		.062	PK-43789-001	
L	43160-5102	2	A	SHORT	.094		43160-5104	4	A	SHORT	.094			PK-43789-001	-	43160-5106	6	A	SHORT		.094	PK-43789-001	
	43160-5302	2	A	LONG	.094		43160-5304	4	A	LONG	.094			PK-43789-001	-	43160-5306	6	A	LONG		.094	PK-43789-001	
	43160-7302	2	A	LONG	.125		43160-7304	4	A	LONG	.125			PK-43789-001	-	43160-7306	6	A	LONG		.125	PK-43789-001	
	43160-1103	3	A	SHORT	N/A		43160-1105	5	A	SHORT	N/A			PK-43160-0010	-								
K	43160-1303	3	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			PK-43789-001	-								
	43160-5103	3	A	SHORT	.094	43160-5105	5	A	SHORT	.094	PK-43789-001	-											
	43160-5303	3	A	LONG	.094	43160-5305	5	A	LONG	.094	PK-43789-001	-											
J	43160-7303	3	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 APPROV: SMITH 2015/06/25	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		▽=0 ▽=0 ▽=0	mm INCH		DRAWN BY GC	DATE 11/30/95	TITLE SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(.13.18)X .020/(.0.51)			
			4 PLACES ±.005		CHECKED BY KBP	DATE 11/30/95				
			3 PLACES ±.01		APPROVED BY FSMITH	DATE 2015/06/25				
1 PLACE ±.025		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
0 PLACE ±.005		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43160-****		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

▽=0

▽=0

▽=0

4 PLACES ± ---

3 PLACES ± ---

2 PLACES ± 0.13

1 PLACE ± 0.25

0 PLACE ± ---

mm

INCH

± ---

± .005

± .01

± ---

± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DOCUMENT NO.

SHEET NO.

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

SDA-43160-****

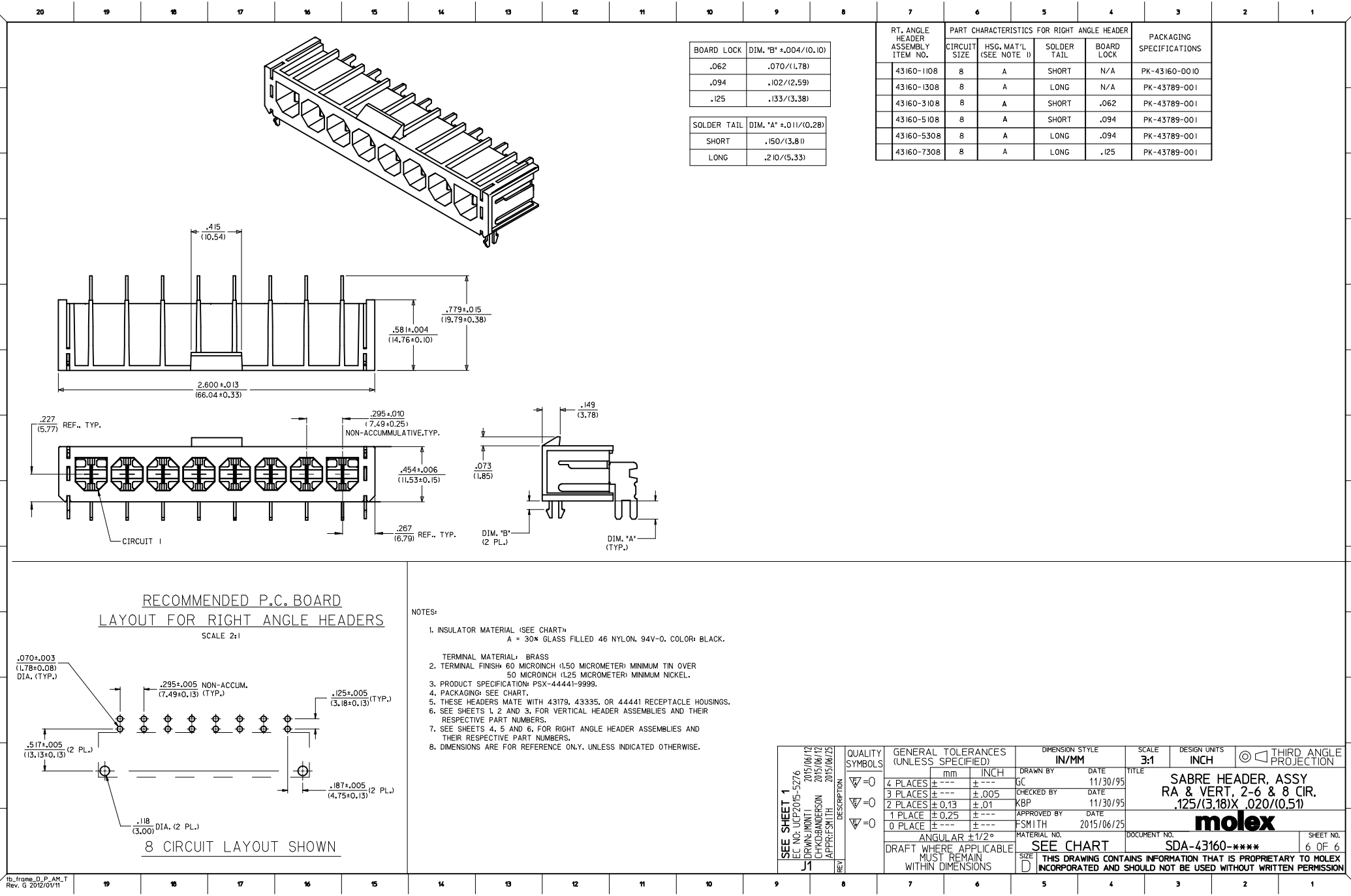
5 OF 6

SIZE

D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



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

SOLDER TAIL	DIM. "A" $\pm .011/(0,28)$
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

- NOTES:
- INSULATOR MATERIAL (SEE CHART)
A = 30% GLASS FILLED 46 NYLON, 94V-0, COLOR: BLACK.
 - TERMINAL MATERIAL: BRASS
TERMINAL FINISH: 60 MICRONCH (1,50 MICROMETER) MINIMUM TIN OVER
50 MICRONCH (1,25 MICROMETER) MINIMUM NICKEL.
 - PRODUCT SPECIFICATION: PSX-44441-9999.
 - PACKAGING: SEE CHART.
 - THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
 - 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 IEC NO. IUP2015-5276 DRAWN: MONT CHKD: ANDERSON APPR: FSN TH J1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
					DRAWN BY	DATE	TITLE			
			4 PLACES ± .001 ± .001		GC	11/30/95	SABRE HEADER, ASSY			
			3 PLACES ± .001 ± .005		CHECKED BY	DATE	RA & VERT, 2-6 & 8 CIR.			
			2 PLACES ± 0.13 ± .01		KBP	11/30/95	.125/(3,18)X .020/(0,51)			
			1 PLACE ± 0.25 ± .01		APPROVED BY	DATE				
			0 PLACE ± .001 ± .001		FSMITH	2015/06/25				
			ANGULAR ± 1/2°		MATERIAL NO.	DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43160-****			SHEET NO. 6 OF 6
					SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				