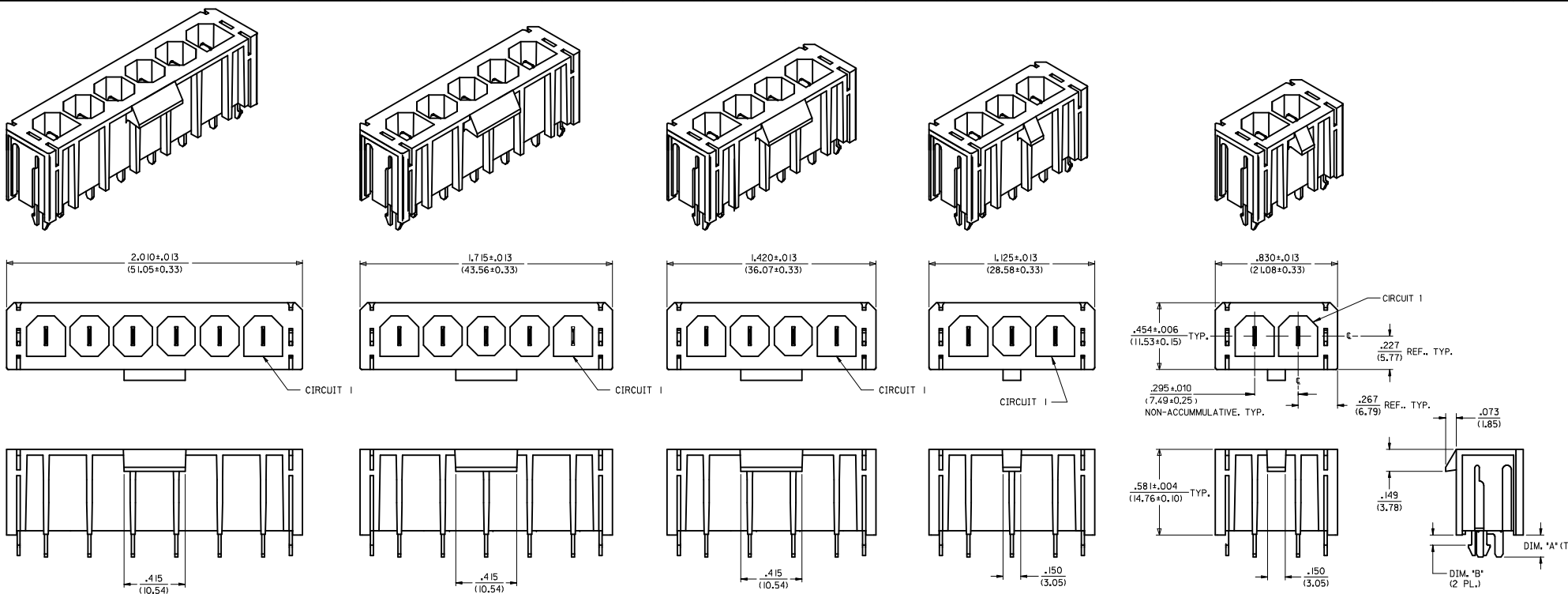
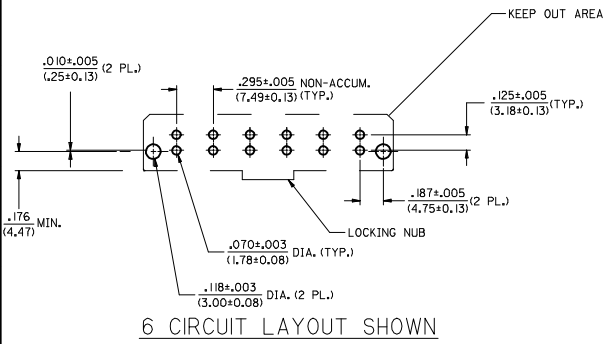


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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 2015/06/12 2015/06/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± ---	± ---	DRAWN BY GC	DATE 11/30/95	TITLE SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(3.18)X .020/(0.51) molex		
		3 PLACES ± ---	± .005	CHECKED BY KBP	DATE 11/30/95			
		2 PLACES ± 0.13	± .01	APPROVED BY FSMITH	DATE 2015/06/25			
1 PLACE ± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.	SEE CHART		SDA-43160-****		SHEET NO. 1 OF 6
0 PLACE ± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6	J
5	J
4	J
3	J
2	J
1	J
SHT. REV.	

	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					M
	43160-0102	2	A	SHORT	N/A	PK-43160-0010					43160-0104	4	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					
	43160-2102	2	A	SHORT	.062	PK-43789-001					43160-2104	4	A	SHORT	.062	PK-43789-001					
L	43160-4102	2	A	SHORT	.094	PK-43789-001					43160-4104	4	A	SHORT	.094	PK-43789-001					L
	43160-4302	2	A	LONG	.094	PK-43789-001					43160-4304	4	A	LONG	.094	PK-43789-001					
	43160-6302	2	A	LONG	.125	PK-43789-001					43160-6304	4	A	LONG	.125	PK-43789-001					
	43160-0103	3	A	SHORT	N/A	PK-43160-0010					43160-0105	5	A	SHORT	N/A	PK-43160-0010					
K	43160-0303	3	A	LONG	N/A	PK-43789-001					43160-0305	5	A	LONG	N/A	PK-43789-001					K
	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					
	43160-4303	3	A	LONG	.094	PK-43789-001					43160-4305	5	A	LONG	.094	PK-43789-001					J
J	43160-6303	3	A	LONG	.125	PK-43789-001					43160-6305	5	A	LONG	.125	PK-43789-001					
I																					I
H																					H
G																					G
F																					F
E																					E
D																					D
C																					C
B																					B
A																					A

SEE SHEET 1

IEC NO: UCP2015-5276

2015/06/12

DRWN: MONTI

2015/06/12

CHKD: BANDERSON

2015/06/12

APPR: FSM TH

2015/06/25

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

SIZE

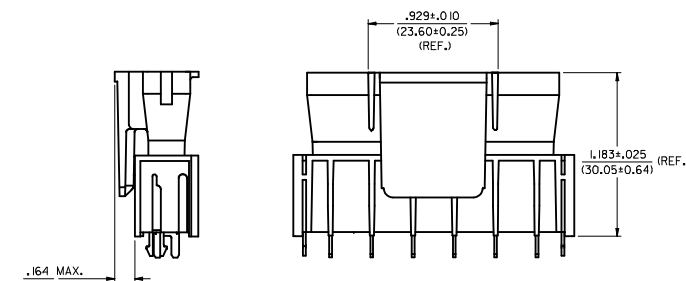
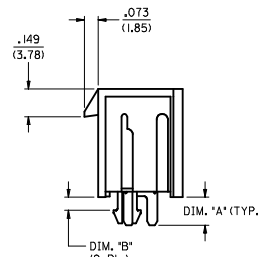
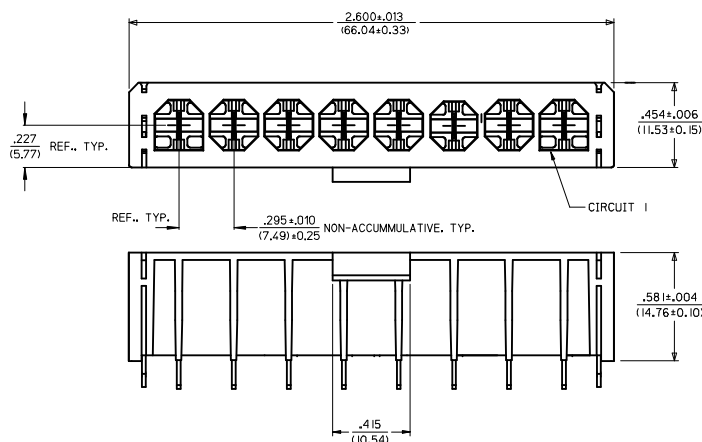
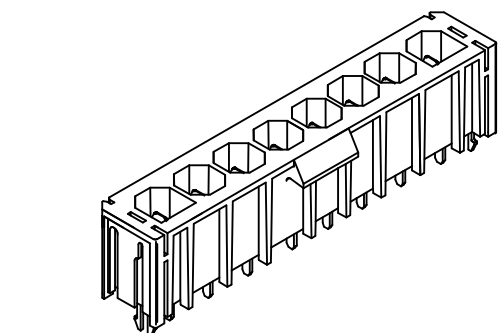
D

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)

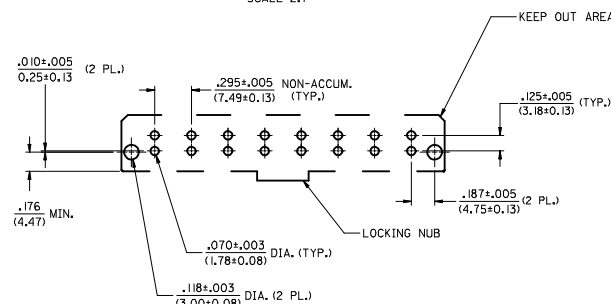
SOLDER TAIL	DIM. "A" ±.020/(0,51)
SHORT	.150/(3,81)
LONG	.210/(5,33)



MATED SABRE CONNECTOR
NO SCALE

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS

SCALE 2:1



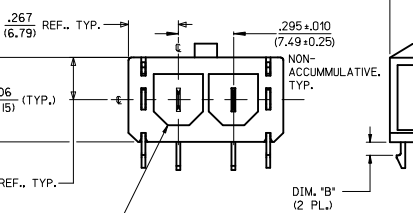
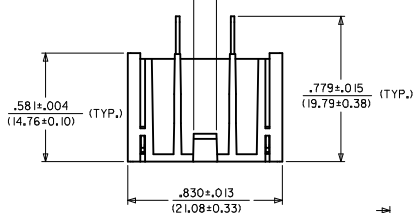
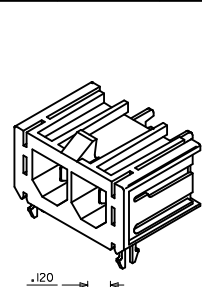
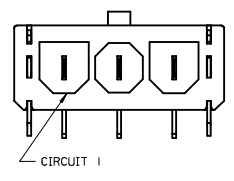
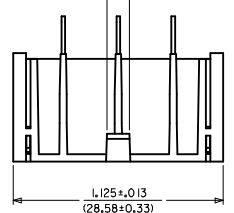
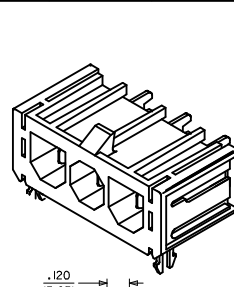
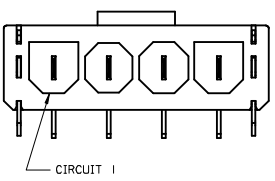
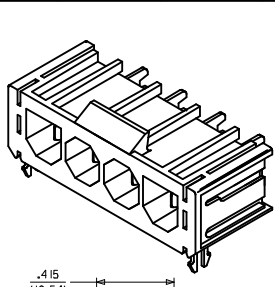
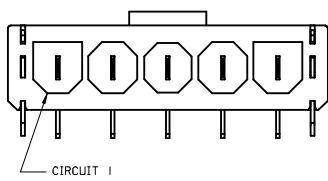
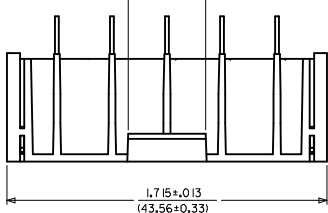
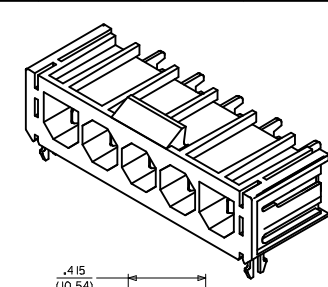
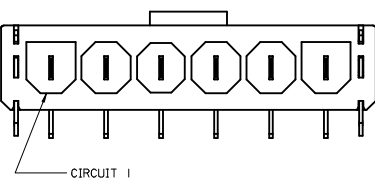
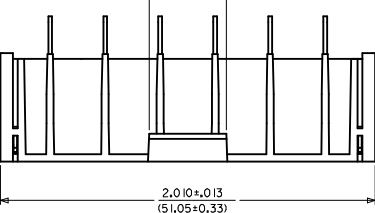
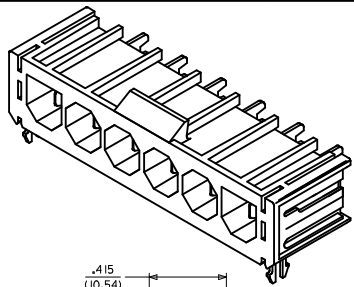
8 CIRCUIT LAYOUT SHOWN

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 IEC NO: UCP2015-5276 DRAWN: MONT 2015/06/12 CHECKED: ANDERSON 2015/06/12 APPR: FSN TH 2015/06/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	▽=0	mm INCH		DRAWN BY DATE		TITLE			
	▽=0	4 PLACES ± ±		GC 11/30/95		SABRE HEADER, ASSY			
	▽=0	3 PLACES ± ±.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 ±		APPROVED BY DATE					
		0 PLACE ± ±		FSMITH 2015/06/25					
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			
		DRAFT WHEN APPLICABLE		SEE CHART		SDA-43160-****			
		MUST REMAIN WITHIN DIMENSIONS		SIZE D		SHEET NO. 3 OF 6			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

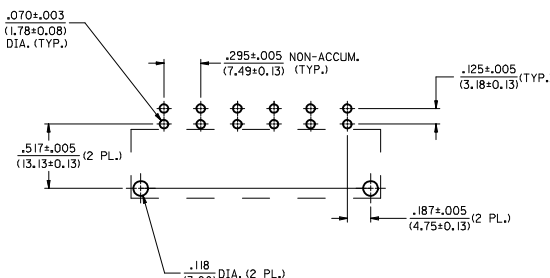
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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

EC NO: UCP2015-5276

2015/06/12

CHYO MONTI

2015/06/12

CHYO BANDERSON

2015/06/12

APPRO: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

GC

DATE

11/30/95

CHECKED BY

KBP

DATE

11/30/95

APPROVED BY

FSMITH

DATE

2015/06/25

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SDA-43160-****

SHEET NO.

4 OF 6

SCALE

3:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

SABRE HEADER, ASSY

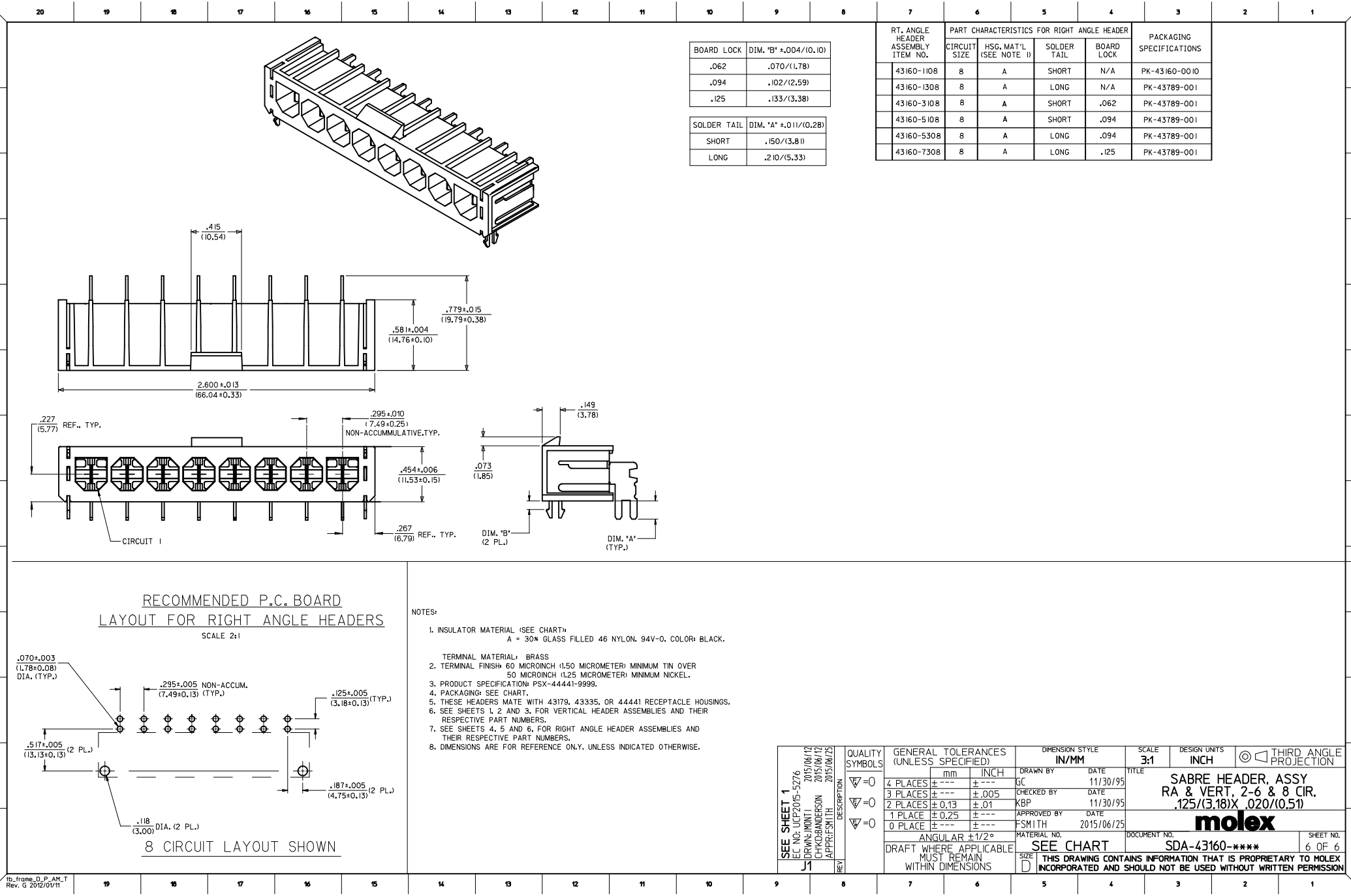
RA & VERT, 2-6 & 8 CIR.

.125/(3.18)X .020/(0.51)

molex

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

lb_frame_D_P_AM_T
Rev. G 2012/01/11



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: FSM TH J1	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
			IN/MM		3:1	INCH	
			DRAWN BY DATE		TITLE		
			GC 11/30/95		SABRE HEADER, ASSY		
			CHECKED BY DATE		RA & VERT, 2-6 & 8 CIR.		
			KBP 11/30/95		.125/(3,18)X .020/(0,51)		
			APPROVED BY DATE		molex		
			FSM TH 2015/06/25				
			MATERIAL NO.				
			ANGULAR $\pm 1/2^\circ$		DOCUMENT NO.		
DRAFT WHERE APPLICABLE		SEE CHART		SDA-43160-****			
MUST REMAIN WITHIN DIMENSIONS		SIZE D		6 OF 6			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					