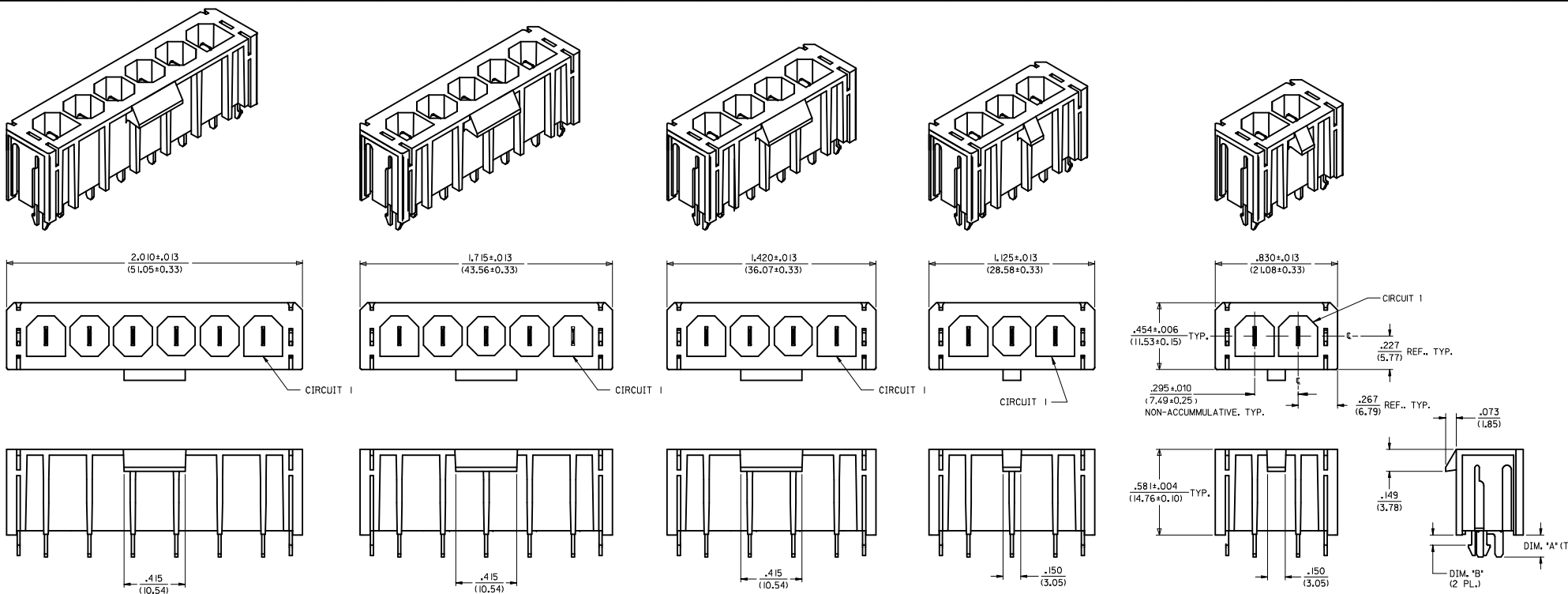


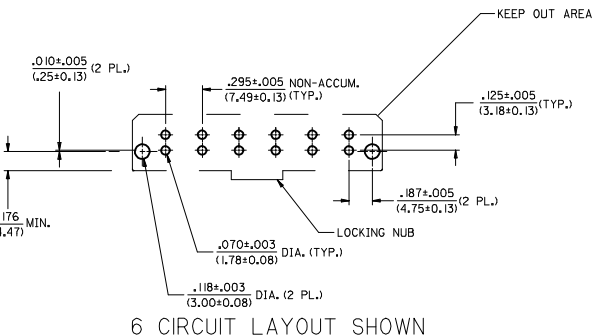
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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:

- 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
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---		DRAWN BY GC 11/30/95		DATE 11/30/95	TITLE SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(3.18)X .020/(0.51)	
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY FSMITH 2015/06/25		MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-43160-****	
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 6		

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				VERTICAL HEADER ASSEMBLY ITEM NO.				PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS				M																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	43160-0102	2	A	SHORT	N/A	PK-43160-0010								43160-0106	6	A	SHORT	N/A	PK-43160-0010							43160-0306	6	A	LONG	N/A	PK-43789-001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

SEE SHEET 1
EC NO: UCP2015-5276
DRAWN: MONTI
CHKD: BANDERSON
APPR: FSM TH

2015/06/12
2015/06/12
2015/06/25

REV
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

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SDA-43160-****

SHEET NO.
2 OF 6

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)

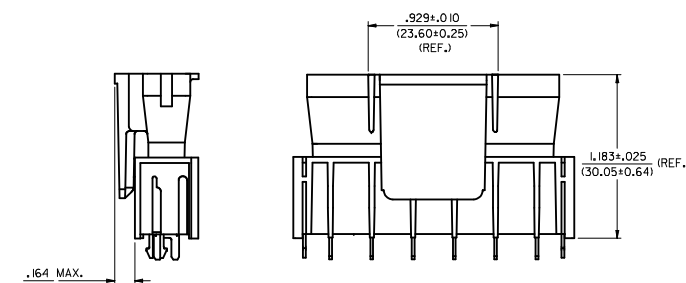
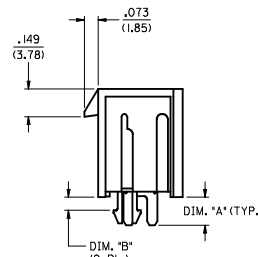
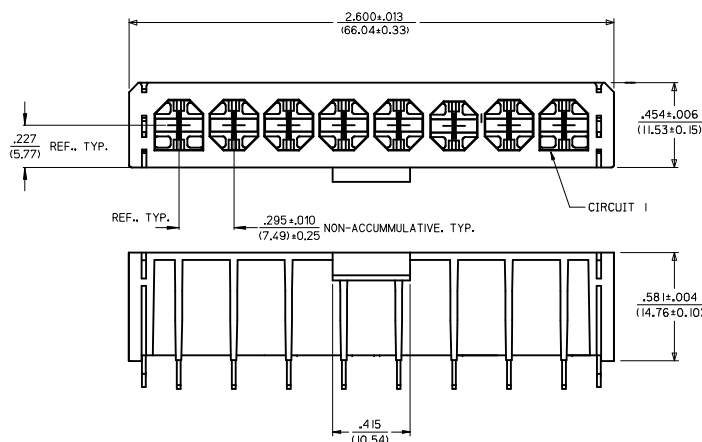
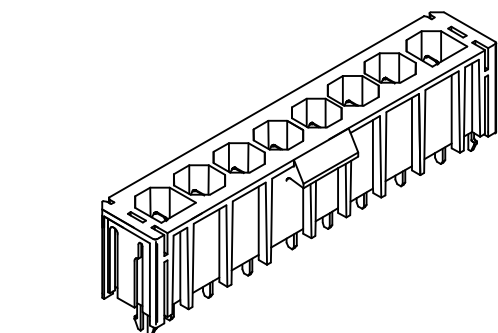
molex

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)

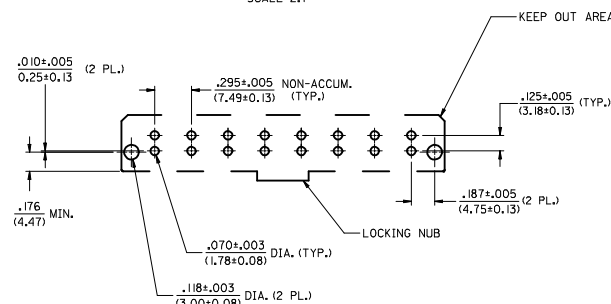
SOLDER TAIL	DIM. "A" ±.020/(0,51)
SHORT	.150/(3,81)
LONG	.210/(5,33)



MATED SABRE CONNECTOR
NO SCALE

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS

SCALE 2:1



8 CIRCUIT LAYOUT SHOWN

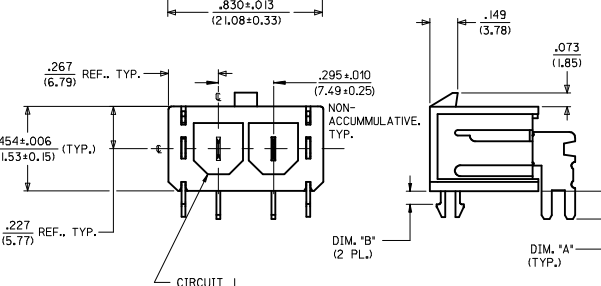
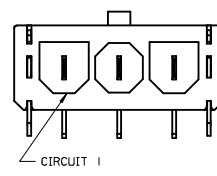
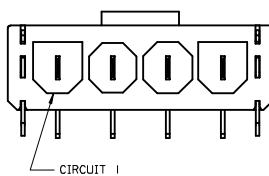
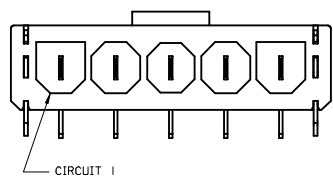
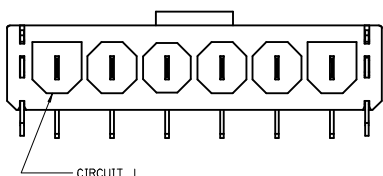
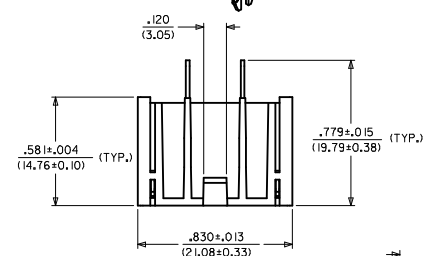
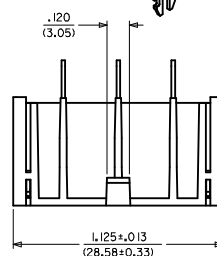
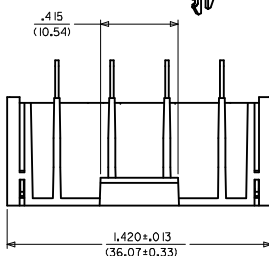
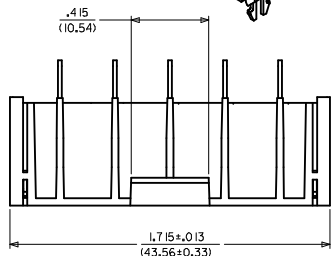
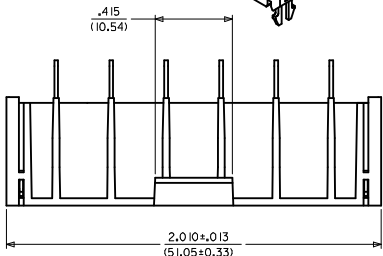
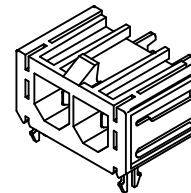
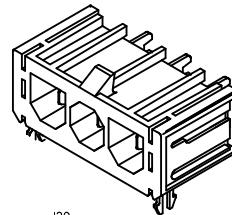
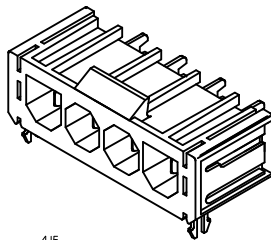
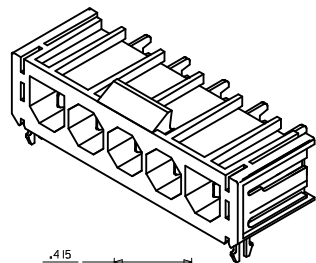
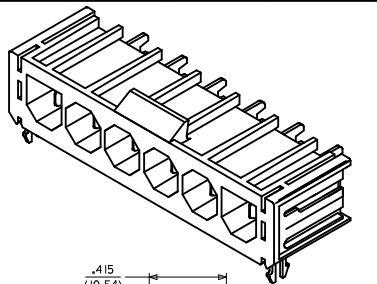
NOTES:

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

SHEET NO.
3 OF 6

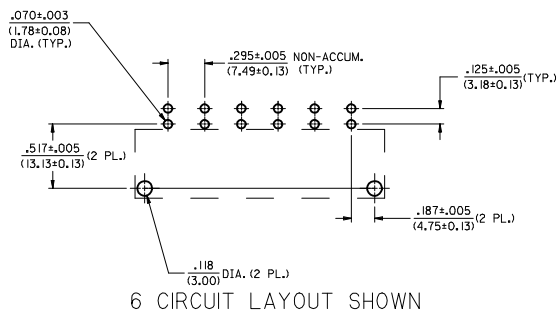
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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 DATE 2015/06/12 2015/06/12 2015/06/12	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	43160-1108		8	A	SHORT	N/A	43160-1110	10	A	SHORT	N/A									
	43160-1302	2	A	LONG	N/A		43160-1304	4	A	LONG	N/A			43160-1306	6	A	LONG	N/A	43160-1308		8	A	LONG	N/A	43160-1310	10	A	LONG	N/A									
L	43160-3102	2	A	SHORT	.062		43160-3104	4	A	SHORT	.062			43160-3106	6	A	SHORT	.062	43160-3108		8	A	SHORT	.062	43160-3110	10	A	SHORT	.062									
	43160-5102	2	A	SHORT	.094		43160-5104	4	A	SHORT	.094			43160-5106	6	A	SHORT	.094	43160-5108		8	A	SHORT	.094	43160-5110	10	A	SHORT	.094									
	43160-5302	2	A	LONG	.094		43160-5304	4	A	LONG	.094			43160-5306	6	A	LONG	.094	43160-5308		8	A	LONG	.094	43160-5310	10	A	LONG	.094									
	43160-7302	2	A	LONG	.125		43160-7304	4	A	LONG	.125			43160-7306	6	A	LONG	.125	43160-7308		8	A	LONG	.125	43160-7310	10	A	LONG	.125									
K	43160-1103	3	A	SHORT	N/A		43160-1105	5	A	SHORT	N/A			43160-1107	7	A	SHORT	N/A	43160-1109		9	A	SHORT	N/A	43160-1111	11	A	SHORT	N/A									
	43160-1303	3	A	LONG	N/A		43160-1305	5	A	LONG	N/A			43160-1307	7	A	LONG	N/A	43160-1309		9	A	LONG	N/A	43160-1311	11	A	LONG	N/A									
	43160-3103	3	A	SHORT	.062		43160-3105	5	A	SHORT	.062			43160-3107	7	A	SHORT	.062	43160-3109		9	A	SHORT	.062	43160-3111	11	A	SHORT	.062									
	43160-5103	3	A	SHORT	.094	43160-5105	5	A	SHORT	.094	43160-5107	7	A	SHORT	.094	43160-5109	9	A	SHORT	.094	43160-5111	11	A	SHORT	.094													
	43160-5303	3	A	LONG	.094	43160-5305	5	A	LONG	.094	43160-5307	7	A	LONG	.094	43160-5309	9	A	LONG	.094	43160-5311	11	A	LONG	.094													
J	43160-7303	3	A	LONG	.125	43160-7305	5	A	LONG	.125	43160-7307	7	A	LONG	.125	43160-7309	9	A	LONG	.125	43160-7311	11	A	LONG	.125													
							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		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		▽=0	mm INCH		DRAWN BY DATE		TITLE				
		▽=0	4 PLACES ±.005		GC 11/30/95		SABRE HEADER, ASSY				
		▽=0	3 PLACES ±.01		CHECKED BY DATE		RA & VERT, 2-6 & 8 CIR.				
			2 PLACES ±.025		KBP 11/30/95		.125/(.138)X .020/(.051)				
			1 PLACE ±.05		APPROVED BY DATE		molex				
			0 PLACE ±.1		FSMITH 2015/06/25						
		ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		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
--	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---

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

REV

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

▽=0

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± .005

2 PLACES ± 0.13 ± .01

1 PLACE ± 0.25 ± ---

0 PLACE ± --- ± ---

DIMENSION STYLE

IN/MM

DRAWN BY DATE

GC 11/30/95

CHECKED BY DATE

KBP 11/30/95

APPROVED BY DATE

FSM TH 2015/06/25

MATERIAL NO.

SEE CHART

SIZE D

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

SCALE

1:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

SABRE HEADER, ASSY

RA & VERT, 2-6 & 8 CIR.

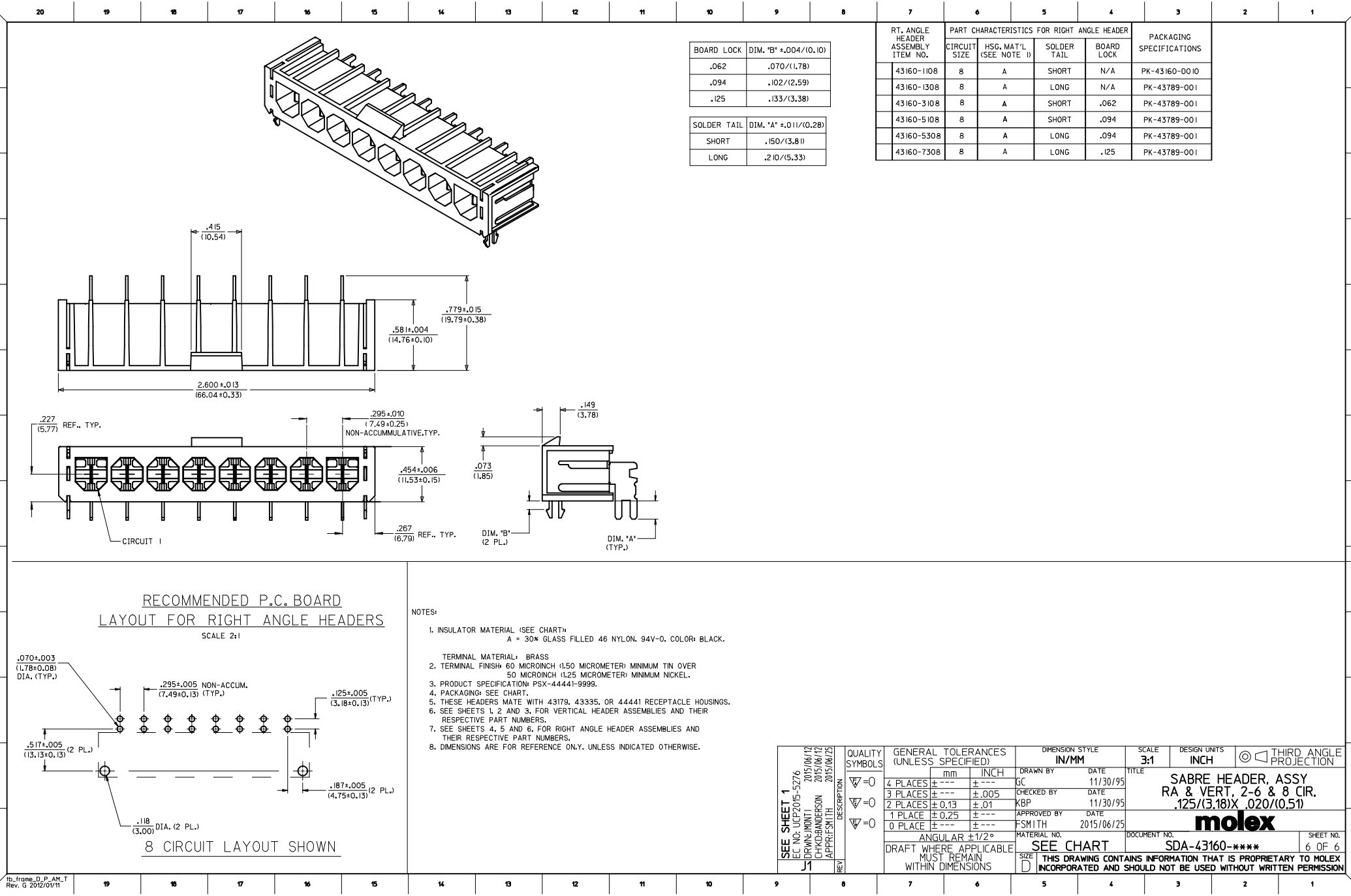
.125/(3.18)X .020/(0.51)

DOCUMENT NO.

SDA-43160-****

SHEET NO.

5 OF 6



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	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		
			IN/MM		3:1		INCH				
			DRAWN BY		DATE		TITLE				
			CHECKED BY		DATE		SABRE HEADER, ASSY				
			APPROVED BY		DATE		RA & VERT, 2-6 & 8 CIR.				
DESCRIPTION		mm		INCH		KBP		11/30/95		.125/(3,18)X .020/(0,51)	
		4 PLACES		± --- ± ---		GC		11/30/95			
		3 PLACES		± --- ± .005		CHECKED BY		DATE			
		2 PLACES		± 0.13 ± .01		KBP		11/30/95			
		1 PLACE		± 0.25 ± ---		APPROVED BY		DATE			
		0 PLACE		± --- ± ---		FSMITH		2015/06/25			
		ANGULAR		± 1/2°		MATERIAL NO.		DOCUMENT NO.			
		DRAFT WHERE APPLICABLE		SEE CHART		SDA-43160-****		SHEET NO.			
		MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		6 OF 6			