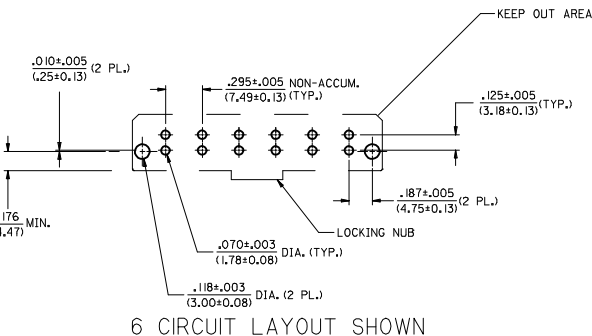


SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

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 MICRINCH (1.5 MICROMETER) MINIMUM TIN OVER 50 MICRINCH (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" $\pm .020 / (0,51)$
SHORT	.150 / (3,81)
LONG	.210 / (5,33)

BOARD LOCK	DIM. "B" $\pm .004 / (0,15)$
.062	.070 / (1,78)
.094	.102 / (2,59)
.125	.133 / (3,38)

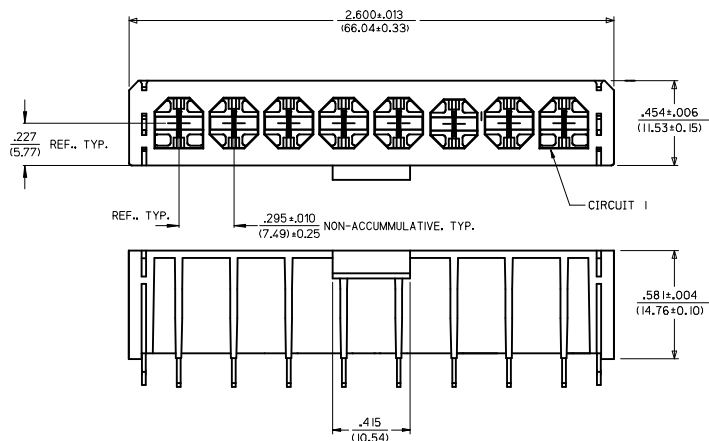
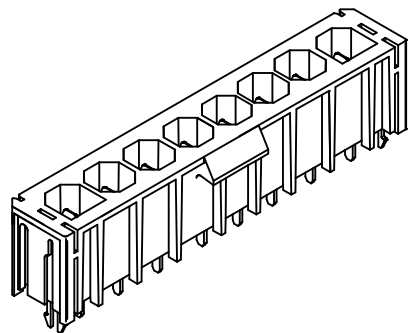
ADD 43160-9003 IEC NO: UCF2016-3654 JY DRAWN: BANURA 2016/03/18 CHYKOR: BANURA 2016/03/18 APPROV: SMITH 2016/05/06 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .01</td> <td>± .01</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> <tr> <td>0 PLACE</td> <td>± .01</td> <td>± .01</td> </tr> </tbody> </table> ANGULAR $\pm 1/2^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .005	± .005	3 PLACES	± .01	± .01	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± .01	0 PLACE	± .01	± .01	DIMENSION STYLE IN/MM SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	DRAWN BY GC DATE 11/30/95 CHECKED BY KBP DATE 11/30/95 APPROVED BY FSMITH DATE 2015/06/25	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. 1 OF 6
		mm	INCH																					
	4 PLACES	± .005	± .005																					
	3 PLACES	± .01	± .01																					
2 PLACES	± 0.13	± .01																						
1 PLACE	± 0.25	± .01																						
0 PLACE	± .01	± .01																						
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								
SIZE D																								
6 J 5 J 4 J 3 J 2 J 1 J SHT. REV.																								

VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER						PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	VOID	FINGER PROOF LOCATION	
43160-0102	2	A	SHORT	N/A	----	----	PK-43160-0010
43160-0302	2	A	LONG	N/A	----	----	PK-43789-001
43160-2102	2	A	SHORT	.062	----	----	PK-43789-001
43160-4102	2	A	SHORT	.094	----	----	PK-43789-001
43160-4302	2	A	LONG	.094	----	----	PK-43789-001
43160-6302	2	A	LONG	.125	----	----	PK-43789-001
43160-0103	3	A	SHORT	N/A	----	----	PK-43160-0010
43160-0303	3	A	LONG	N/A	----	----	PK-43789-001
43160-2103	3	A	SHORT	.062	----	----	PK-43789-001
43160-4103	3	A	SHORT	.094	----	----	PK-43789-001
43160-4303	3	A	LONG	.094	----	----	PK-43789-001
43160-6303	3	A	LONG	.125	----	----	PK-43789-001
43160-9002	3	3	SHORT	N/A	----	1, 2	PK-43160-0010

VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-0104	4	A	SHORT	N/A	PK-43160-0010
43160-0304	4	A	LONG	N/A	PK-43789-001
43160-2104	4	A	SHORT	.062	PK-43789-001
43160-4104	4	A	SHORT	.094	PK-43789-001
43160-4304	4	A	LONG	.094	PK-43789-001
43160-6304	4	A	LONG	.125	PK-43789-001
43160-0105	5	A	SHORT	N/A	PK-43160-0010
43160-0305	5	A	LONG	N/A	PK-43789-001
43160-2105	5	A	SHORT	.062	PK-43789-001
43160-4105	5	A	SHORT	.094	PK-43789-001
43160-4305	5	A	LONG	.094	PK-43789-001
43160-6305	5	A	LONG	.125	PK-43789-001

VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-0106	6	A	SHORT	N/A	PK-43160-0010
43160-0306	6	A	LONG	N/A	PK-43789-001
43160-2106	6	A	SHORT	.062	PK-43789-001
43160-4106	6	A	SHORT	.094	PK-43789-001
43160-4306	6	A	LONG	.094	PK-43789-001
43160-6306	6	A	LONG	.125	PK-43789-001

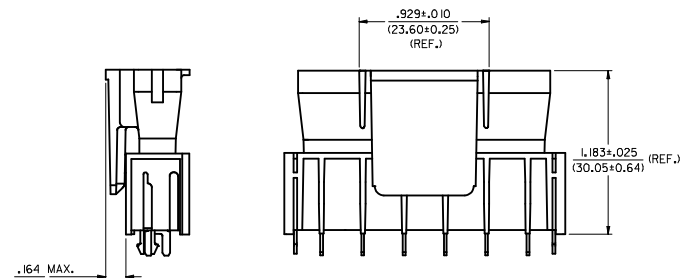
SEE SHEET 1 IEC NO: UCF2016-3654 DRAWN BY: CHYKOBANDURA CHECKED BY: CHYKOBANDURA APPR:FSMTH 2016/03/18 2016/03/18 2016/05/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±.005	IN/MM	1:1	INCH	TITLE: SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(3.18)X .020/(0.51) molex MATERIAL NO. SEE CHART DOCUMENT NO. SDA-43160-**** SHEET NO. 2 OF 6
	▽=0	3 PLACES ±.005				
	▽=0	2 PLACES ±0.13 ±.01				
▽=0	1 PLACE ±0.25 ±.005					
	0 PLACE ±.005 ±.005	ANGULAR ±1/2°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				



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)		

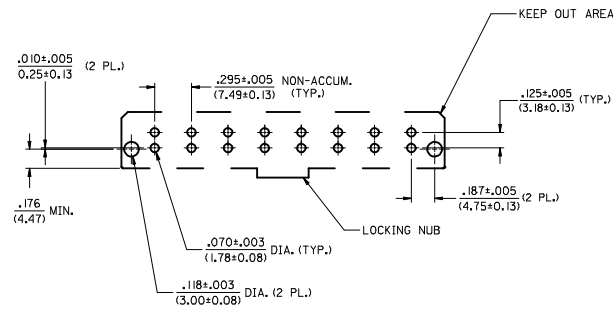
VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-0108	8	A	SHORT	N/A	PK-43160-0010
43160-0308	8	A	LONG	N/A	PK-43789-001
43160-2108	8	A	SHORT	.062	PK-43789-001
43160-4108	8	A	SHORT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



MATED SABRE CONNECTOR
NO SCALE

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS

SCALE 2:1

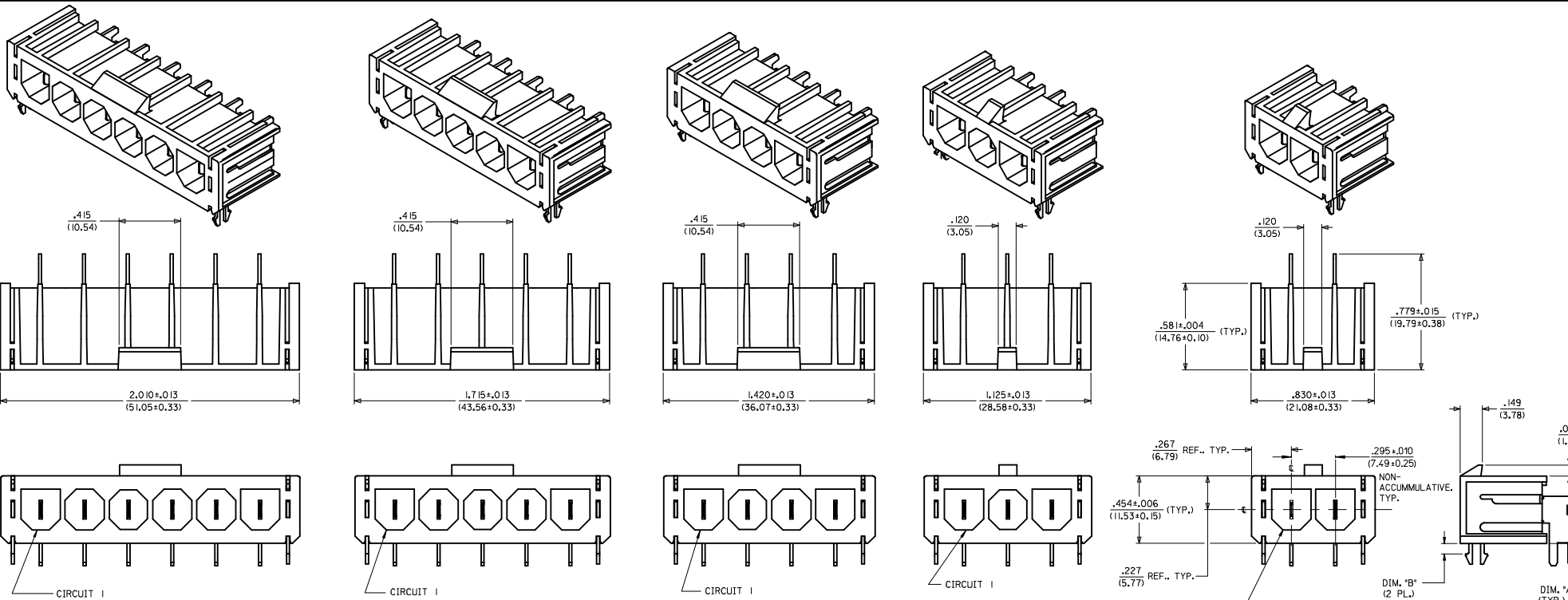


8 CIRCUIT LAYOUT SHOWN

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.

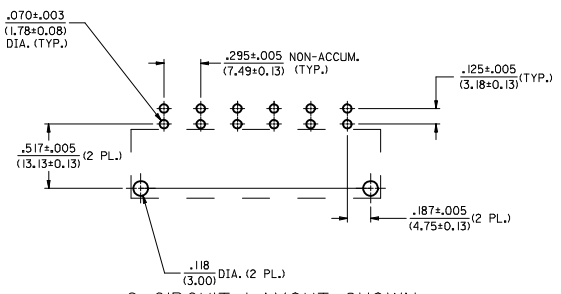
SEE SHEET 1 IEC NO: UCP2016-3654 DRAWN BY: CHYDABANDURA DATE: 2016/03/18 APPR: FSMITH DATE: 2016/05/06	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.005</td> </tr> <tr> <td>3 PLACES</td> <td>±.013</td> <td>±.01</td> </tr> <tr> <td>2 PLACES</td> <td>±.025</td> <td>±.01</td> </tr> <tr> <td>1 PLACE</td> <td>±.050</td> <td>±.01</td> </tr> <tr> <td>0 PLACE</td> <td>±.075</td> <td>±.01</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±.005	±.005	3 PLACES	±.013	±.01	2 PLACES	±.025	±.01	1 PLACE	±.050	±.01	0 PLACE	±.075	±.01	DIMENSION STYLE IN/MM	SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	±.005	±.005																					
	3 PLACES	±.013	±.01																					
2 PLACES	±.025	±.01																						
1 PLACE	±.050	±.01																						
0 PLACE	±.075	±.01																						
		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-****																		
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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																			
					TITLE SABRE HEADER, ASSY RA & VERT, 2-6 & 8 CIR. .125/(3.18) X .020/(0.51)																			



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:

- INSULATOR MATERIAL (SEE CHART):
A = 30% GLASS-FILLED 46 NYLON, 94V-0, COLOR: BLACK
- TERMINAL MATERIAL: BRASS
- TERMINAL FINISH: 60 MICRON (1.50 MICROMETER) MINIMUM TIN OVER 50 MICRON (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" ±.01/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

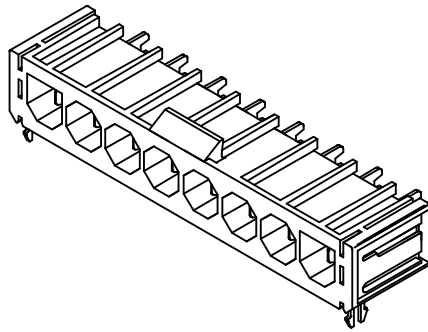
BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

SEE SHEET 1 IEC NO: UCF2016-3654 DRAWN BY: CHYKORANDIRA CHECKED BY: CHYKORANDIRA APPR: FSN TH DATE: 2016/03/18 DATE: 2016/05/06	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: 11/30/195 CHECKED BY: KBP DATE: 11/30/195 APPROVED BY: FSMITH DATE: 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)	MATERIAL NO. SEE CHART DOCUMENT NO. SDA-43160-****	SHEET NO. 4 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	MOLEX						
	SDA-43160-****						

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)
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK		
43160-1102	2	A	SHORT	N/A	PK-43160-0010	43160-1104	4	A	SHORT	N/A	PK-43160-0010	-
43160-1302	2	A	LONG	N/A	PK-43789-001	43160-1304	4	A	LONG	N/A	PK-43789-001	-
43160-3102	2	A	SHORT	.062	PK-43789-001	43160-3104	4	A	SHORT	.062	PK-43789-001	-
43160-5102	2	A	SHORT	.094	PK-43789-001	43160-5104	4	A	SHORT	.094	PK-43789-001	-
43160-5302	2	A	LONG	.094	PK-43789-001	43160-5304	4	A	LONG	.094	PK-43789-001	-
43160-7302	2	A	LONG	.125	PK-43789-001	43160-7304	4	A	LONG	.125	PK-43789-001	-
43160-1103	3	A	SHORT	N/A	PK-43160-0010	43160-1105	5	A	SHORT	N/A	PK-43160-0010	-
43160-1303	3	A	LONG	N/A	PK-43789-001	43160-1305	5	A	LONG	N/A	PK-43789-001	-
43160-3103	3	A	SHORT	.062	PK-43789-001	43160-3105	5	A	SHORT	.062	PK-43789-001	-
43160-5103	3	A	SHORT	.094	PK-43789-001	43160-5105	5	A	SHORT	.094	PK-43789-001	-
43160-5303	3	A	LONG	.094	PK-43789-001	43160-5305	5	A	LONG	.094	PK-43789-001	-
43160-7303	3	A	LONG	.125	PK-43789-001	43160-7305	5	A	LONG	.125	PK-43789-001	-
						43160-9001	4	A	SHORT	.062	PK-43789-001	2
						43160-9003	5	A	SHORT	.062	PK-43879-001	2, 4

RT. ANGLE HEADER ASSEMBLY ITEM NO.	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	PACKAGING SPECIFICATIONS
43160-1106	6	A	SHORT	N/A	PK-43160-0010
43160-1306	6	A	LONG	N/A	PK-43789-001
43160-3106	6	A	SHORT	.062	PK-43789-001
43160-5106	6	A	SHORT	.094	PK-43789-001
43160-5306	6	A	LONG	.094	PK-43789-001
43160-7306	6	A	LONG	.125	PK-43789-001

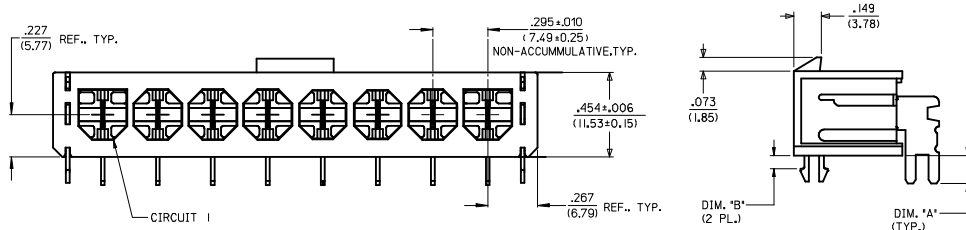
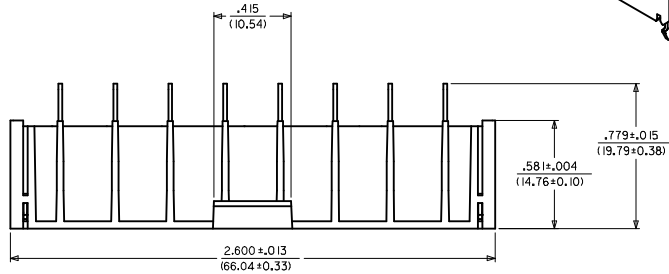
SEE SHEET 1 IEC NO: UCP2016-3654 DRAWN BY: JUP CHYKOBANDURA 2016/03/18 APPR:FSM TH 2016/05/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm INCH	IN/MM	1:1	INCH		
	▽=0	4 PLACES ±.005	DRAWN BY DATE	GC 11/30/195	TITLE	SABRE HEADER, ASSY	
	▽=0	3 PLACES ±.01	CHECKED BY DATE	KBP 11/30/195	RA & VERT, 2-6 & 8 CIR.	.125/(3.18)X .020/(0.51)	
	ANGULAR ±1/2°	1 PLACE ±0.25	APPROVED BY DATE	FSMITH 2015/06/125			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	0 PLACE ±.005	MATERIAL NO.	SEE CHART	DOCUMENT NO.	SDA-43160-****	
			SIZE	D		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)

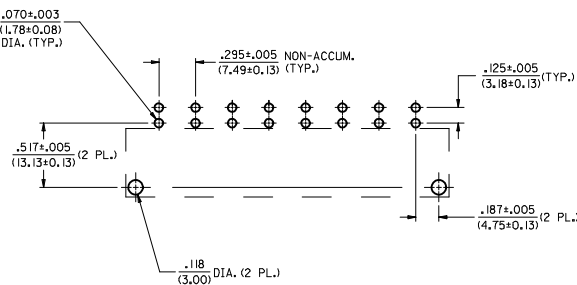
SOLDER TAIL	DIM. "A" ±.011/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

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



RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE 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 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. UCF2016-3654 DRAWN BY: JUDY CHYKOBANDURA DATE: 2016/03/18 APPR: FSM TH 2016/05/06	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ±.005 3 PLACES ±.01 2 PLACES ±.013 1 PLACE ±.025 0 PLACE ±.050		DRAWN BY: GC DATE: 11/30/95 CHECKED BY: KBP DATE: 11/30/95 APPROVED BY: FSM TH DATE: 2015/06/25		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-43160-****
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								