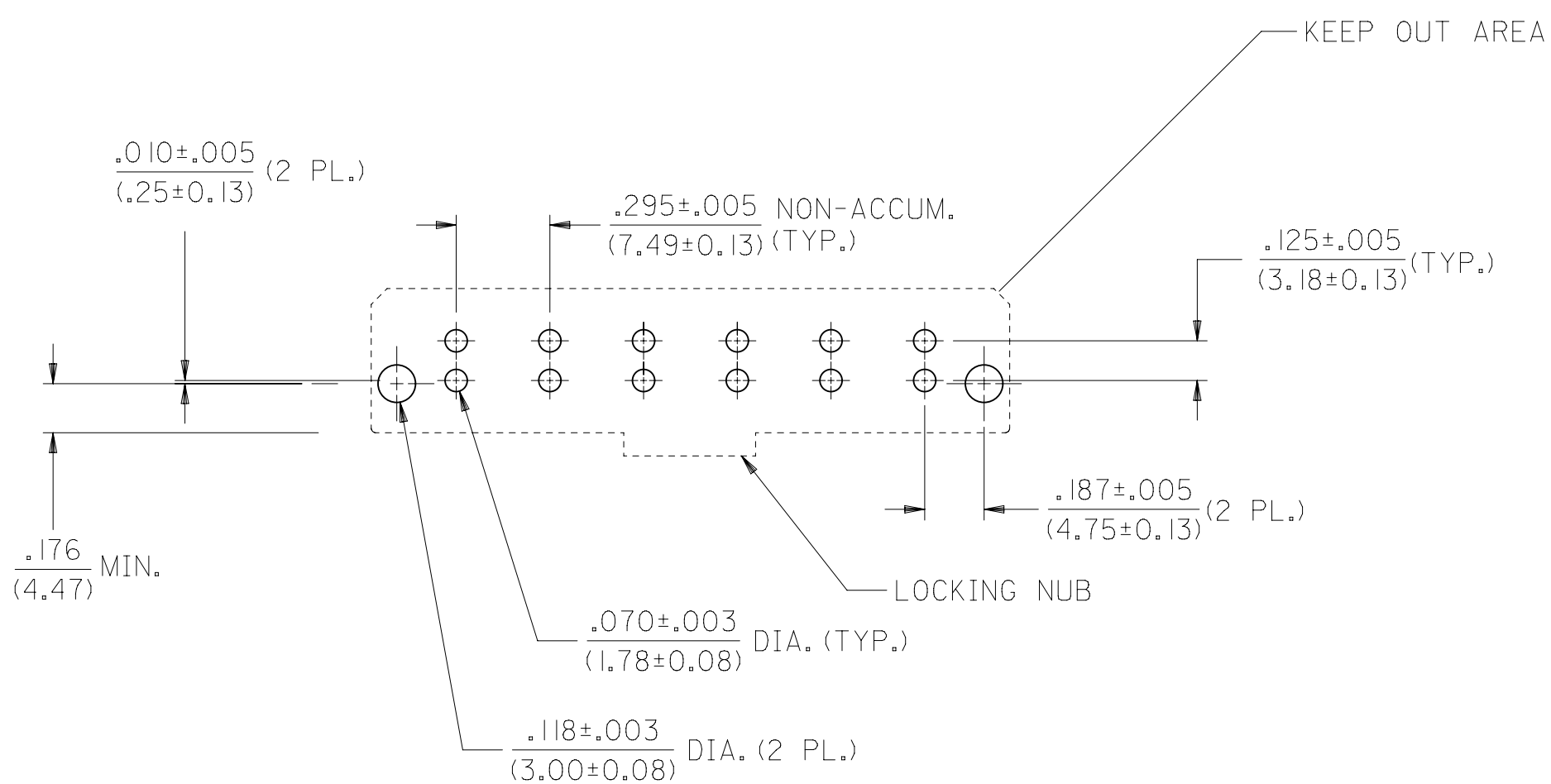


SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

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



6 CIRCUIT LAYOUT SHOWN

NOTE:

- 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: PS-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
- HEADERS INDICATED AS "FINGER-PROOF" ARE DESIGNED TO MINIMIZE ACCESSIBILITY TO LIVE PARTS, PER UL1977 AND UL60950 (FORMERLY UL1950) FINGER PROBE REQUIREMENTS.
- SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLY AND THEIR RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- TERMINALS ARE ON .295/(7.49) CENTERLINE SPACING.
- DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
- PARTS LISTED ON THIS DRAWING ARE CONSTRUCTED TO MEET THE REQUIREMENTS FOR DIRECT SUPPORT OF UNINSULATED LIVE PARTS AS DESCRIBED IN UL508C.

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


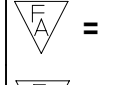
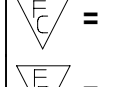
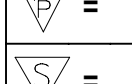

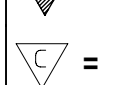
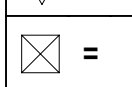
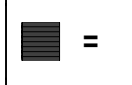
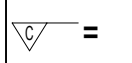
BOARD LOCK	DIM. "B" ±.004/(0.15)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

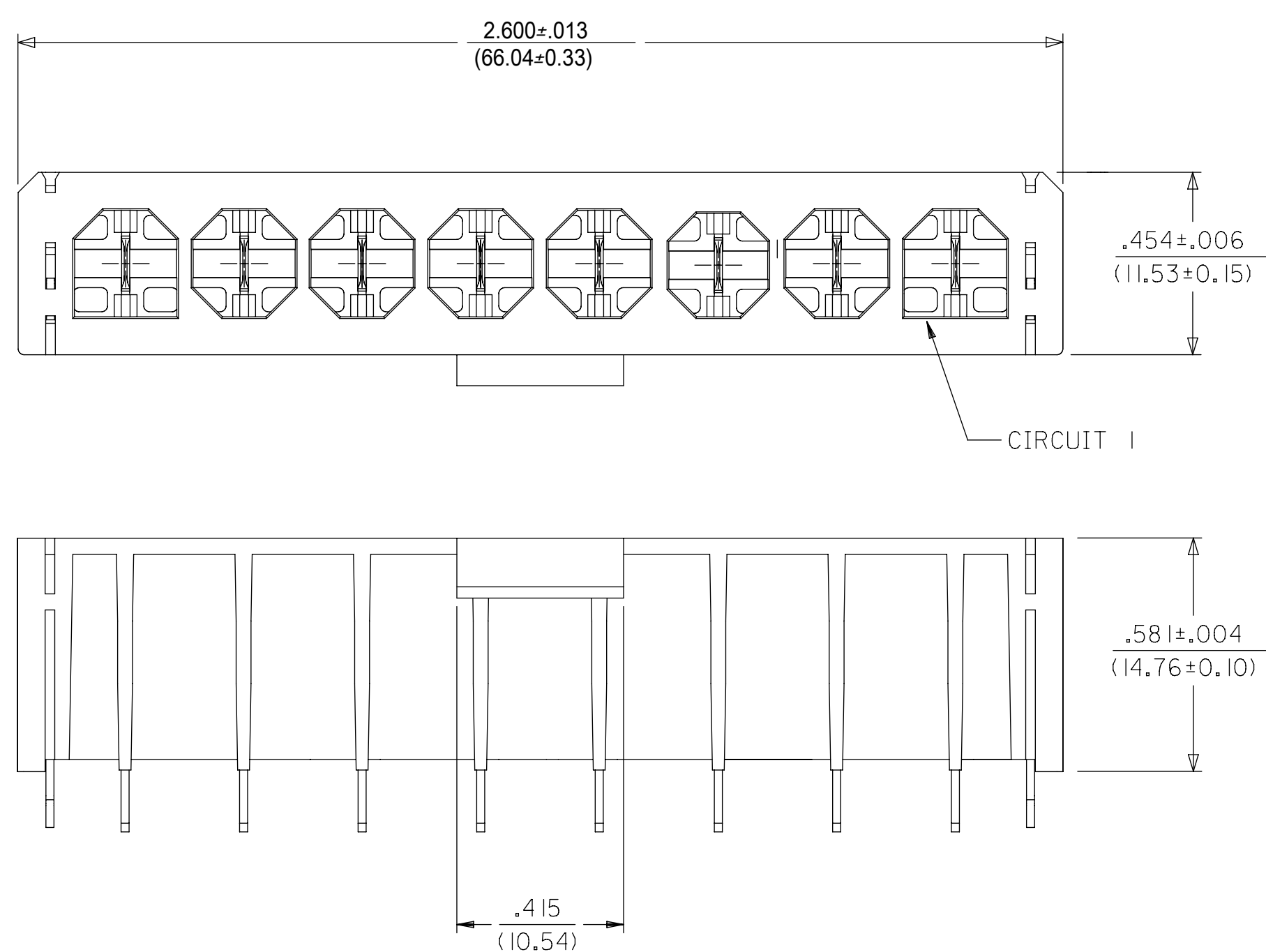
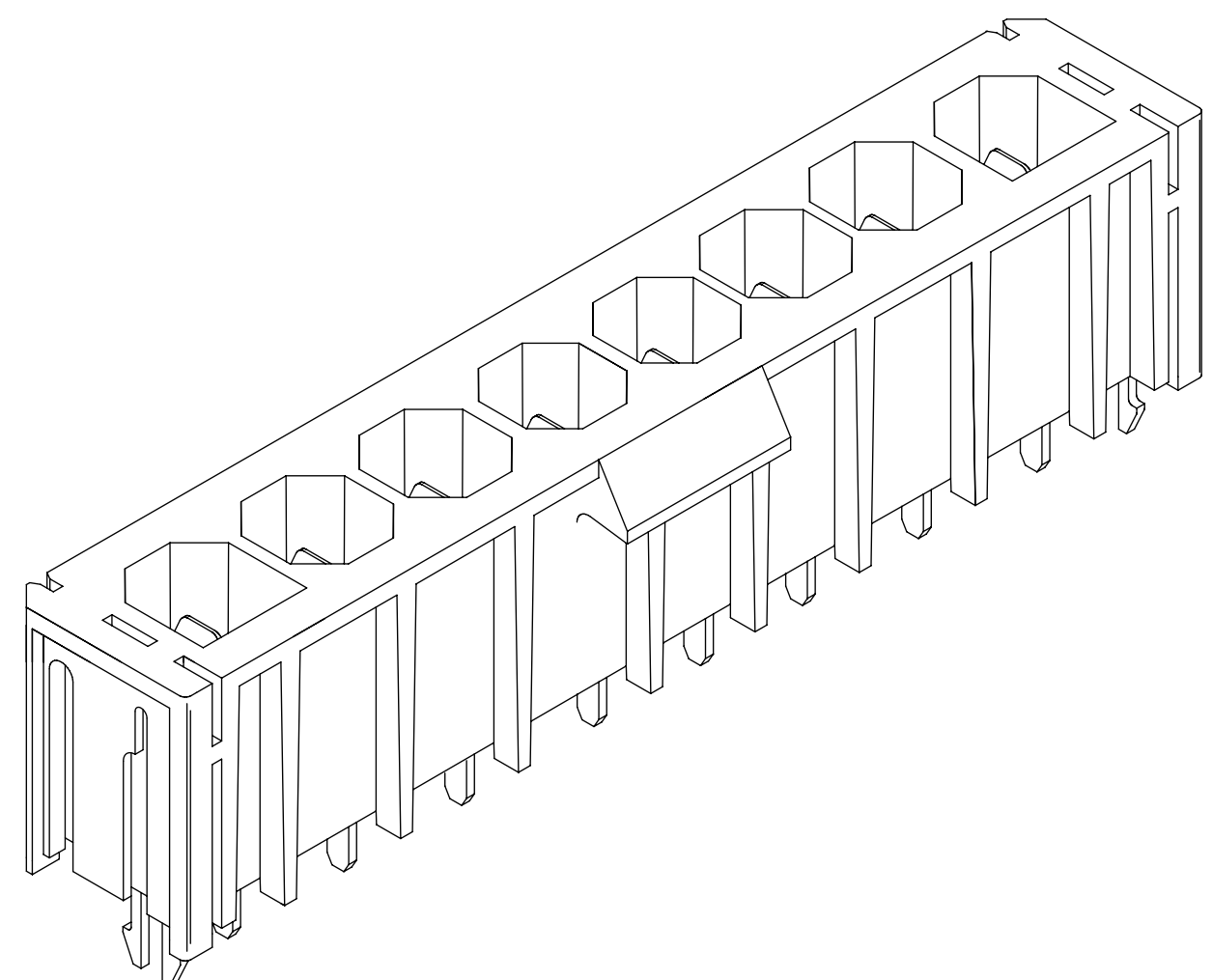
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▽ = 0	IN/MM	3:1			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0		MM	INCH		
▽ = 0	4 PLACES ±	±	EC NO: 608433		
▽ = 0	3 PLACES ±	± 0.005	DRWN: SALHAMY 2018/11/29		
▽ = 0	2 PLACES ±	± 0.01	CHK'D: MKIPPER 2018/12/07		
▽ = 0	1 PLACE ±	± 0.25	APPR: FSMITH 2018/12/10		
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▽ = 0	ANGULAR TOL ± 0.5°		DRWN: CSTEWARD 2004/28/05		
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: FSMITH 2015/01/05		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
▽ = 0	D-DRAWING	D-SIZE	46007	SEE CHART	GENERAL MARKET
				DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
				SD-46007-001	PSD 001 D2
				SABRE HEADER ASSY 2-6 & 8 CIR. FINGER-PROOF	
				PRODUCT CUSTOMER DRAWING	
				1 OF 6	

M	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
		CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
	46007-0102	2	A	SHORT	N/A	PK-43160-0010
	46007-0302	2	A	LONG	N/A	PK-43789-001
L	46007-2102	2	A	SHORT	.062	PK-43789-001
	46007-4102	2	A	SHORT	.094	PK-43789-001
	46007-4302	2	A	LONG	.094	PK-43789-001
	46007-6302	2	A	LONG	.125	PK-43789-001
K	46007-0103	3	A	SHORT	N/A	PK-43160-0010
	46007-0303	3	A	LONG	N/A	PK-43789-001
	46007-2103	3	A	SHORT	.062	PK-43789-001
	46007-4103	3	A	SHORT	.094	PK-43789-001
	46007-4303	3	A	LONG	.094	PK-43789-001
J	46007-6303	3	A	LONG	.125	PK-43789-001

M	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
		CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
	46007-0104	4	A	SHORT	N/A	PK-43160-0010
	46007-0304	4	A	LONG	N/A	PK-43789-001
	46007-2104	4	A	SHORT	.062	PK-43789-001
	46007-4104	4	A	SHORT	.094	PK-43789-001
	46007-4304	4	A	LONG	.094	PK-43789-001
	46007-6304	4	A	LONG	.125	PK-43789-001
	46007-0105	5	A	SHORT	N/A	PK-43160-0010
	46007-0305	5	A	LONG	N/A	PK-43789-001
	46007-2105	5	A	SHORT	.062	PK-43789-001
	46007-4105	5	A	SHORT	.094	PK-43789-001
	46007-4305	5	A	LONG	.094	PK-43789-001
	46007-6305	5	A	LONG	.125	PK-43789-001

M	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
		CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
	46007-0106	6	A	SHORT	N/A	PK-43160-0010
	46007-0306	6	A	LONG	N/A	PK-43789-001
	46007-2106	6	A	SHORT	.062	PK-43789-001
	46007-4106	6	A	SHORT	.094	PK-43789-001
	46007-4306	6	A	LONG	.094	PK-43789-001
	46007-6306	6	A	LONG	.125	PK-43789-001

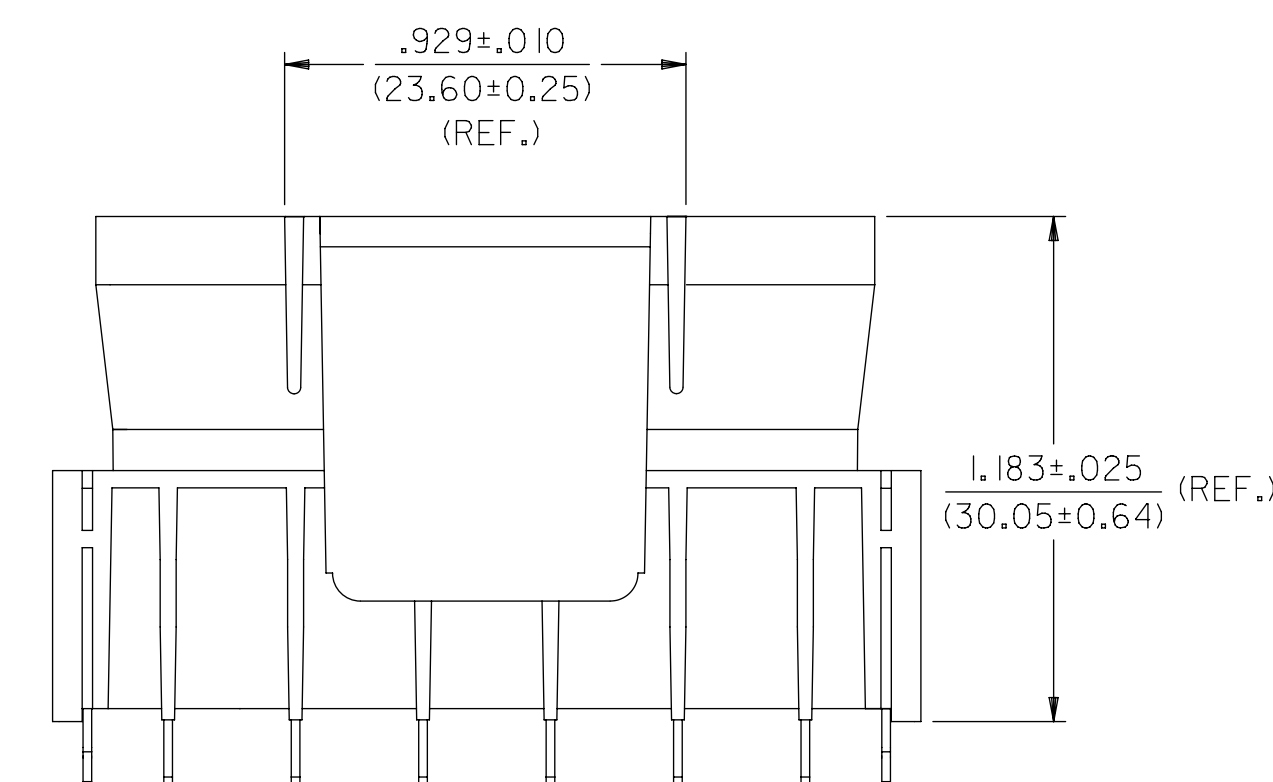
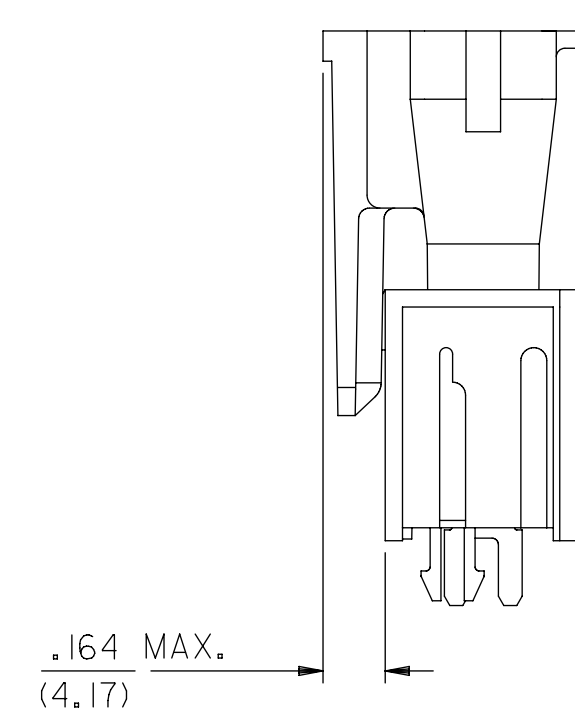
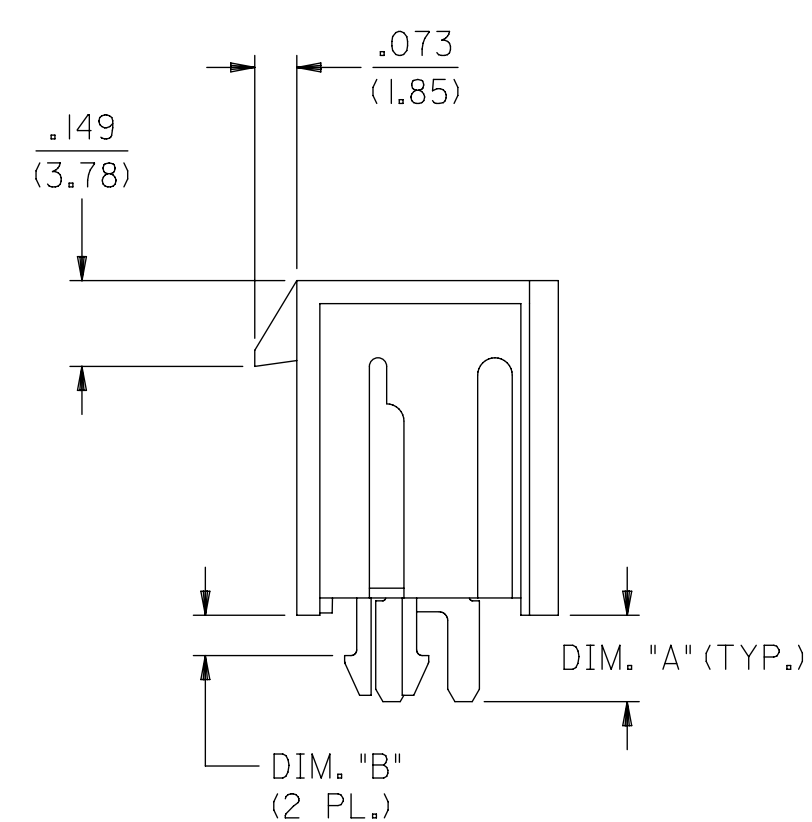
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS	SCALE		CURRENT REV DESC:										
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 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									MM		INCH		
 = 0	4 PLACES	±	±	INITIAL REVISION: DRWN: CSTEWARD 2004/28/05 APPR: FSMITH 2015/01/05						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
 = 0	3 PLACES	±	± 0.005							SD-46007-001		PSD	001	D2
 = 0	2 PLACES	±	0.13 ± 0.01	SEE CHART		GENERAL MARKET		SHEET NUMBER						
 = 0	1 PLACE	±	0.25 ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		D-SIZE	46007	2 OF 6				
 = 0	0 PLACES	±	±	D-SIZE		46007		SEE CHART		GENERAL MARKET	2 OF 6			
 = 0	ANGULAR TOL ± 0.5 °			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		D-SIZE		46007	SEE CHART	GENERAL MARKET	2 OF 6	



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)

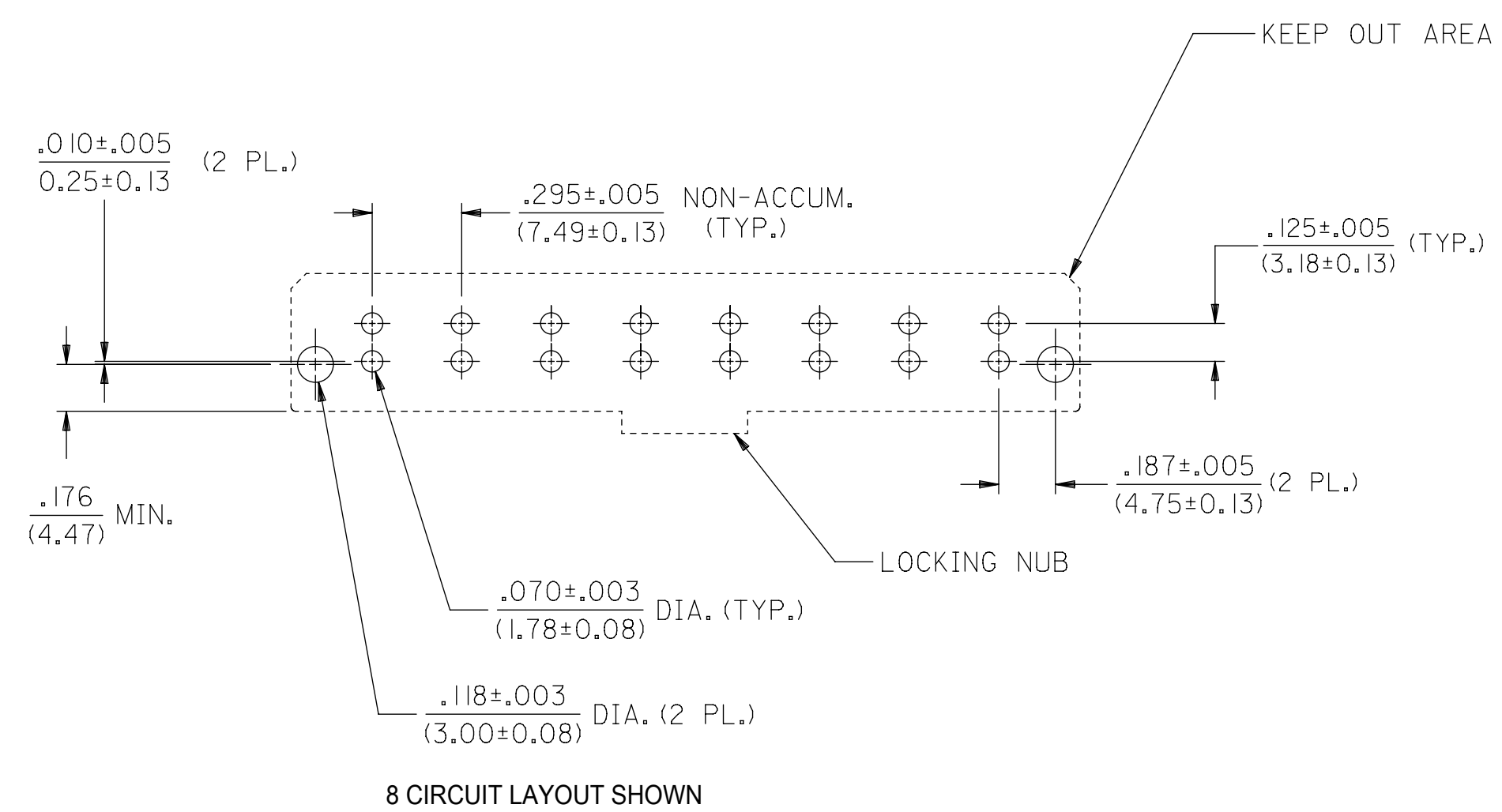
VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
46007-0108	8	A	SHORT	N/A	PK-43160-0010
46007-0308	8	A	LONG	N/A	PK-43789-001
46007-2108	8	A	SHORT	.062	PK-43789-001
46007-4108	8	A	SHORT	.094	PK-43789-001
46007-4308	8	A	LONG	.094	PK-43789-001
46007-6308	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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
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▽ = 0		MM		INCH		CHK'D: MKIPPER 2018/12/07			
▽ = 0		4 PLACES ±		±		APPR: FSMITH 2018/12/10			
▽ = 0		3 PLACES ±		± 0.005		INITIAL REVISION:			
▽ = 0		2 PLACES ±		± 0.13 ± 0.01		DRWN: CSTEWARD 2004/28/05			
▽ = 0		1 PLACE ±		± 0.25 ±		APPR: FSMITH 2015/01/05			
▽ = 0		0 PLACES ±		±		ANGULAR TOL ± 0.5 °			
▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
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▽ = 0		SEE CHART		GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
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**molex**

SABRE HEADER ASSY  
2-6 & 8 CIR. FINGER-PROOF

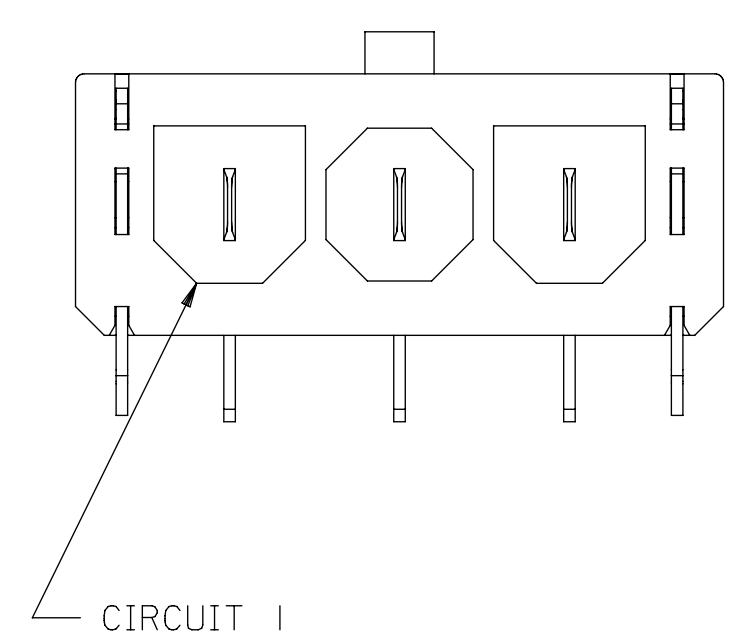
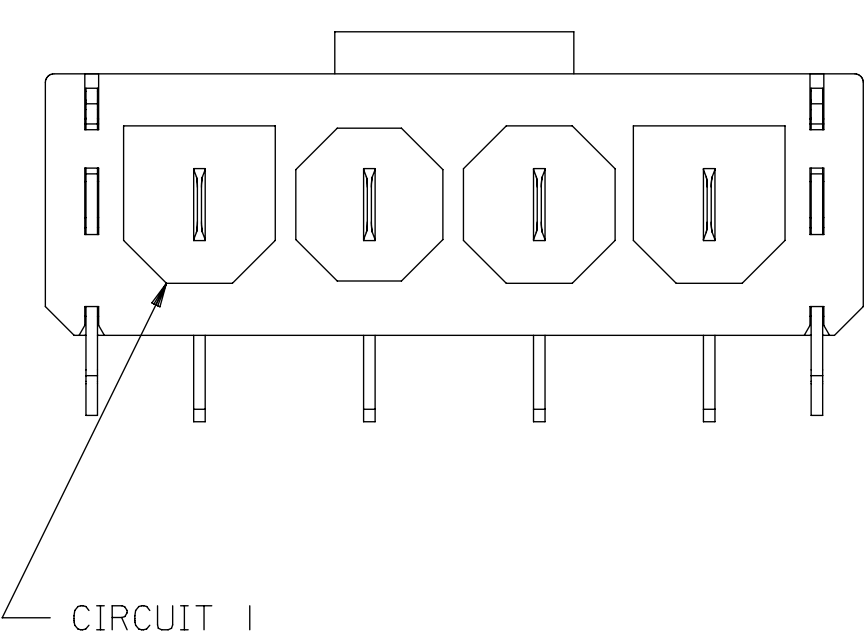
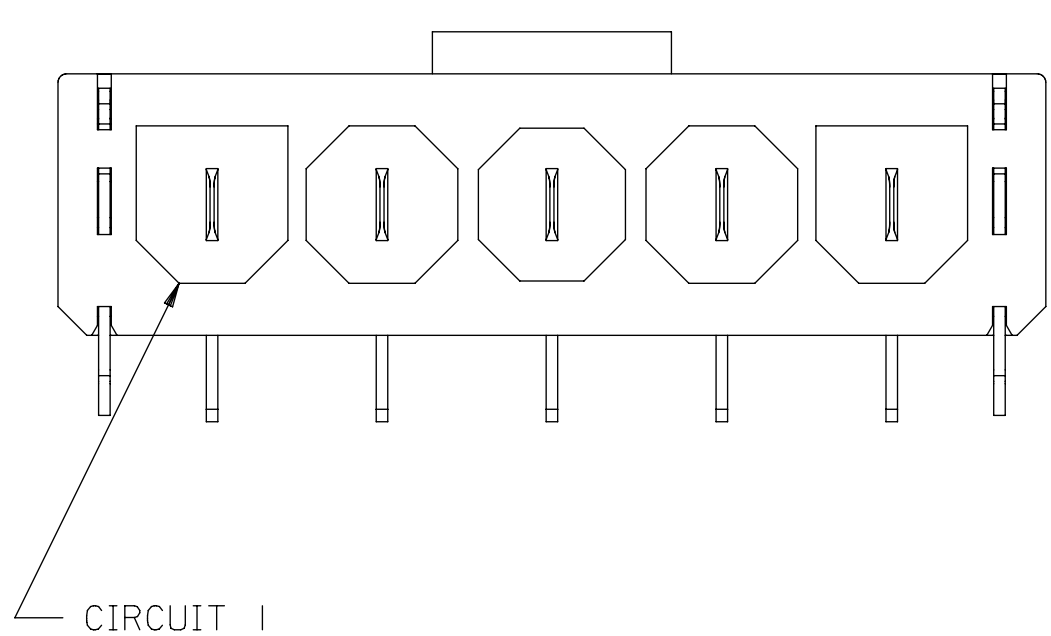
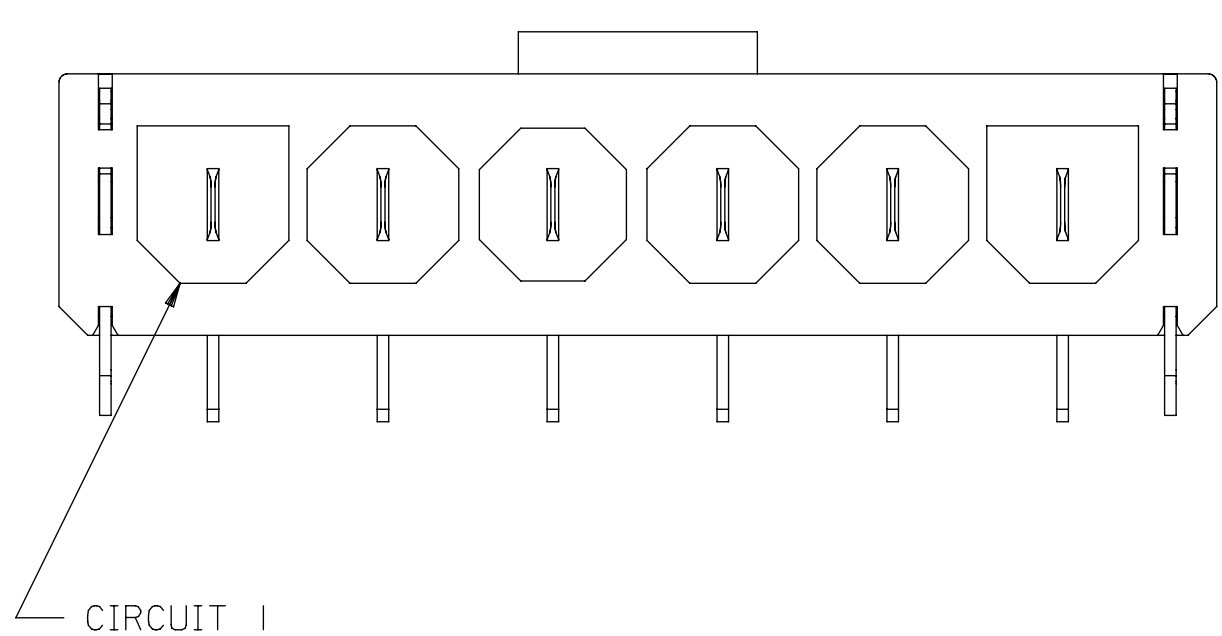
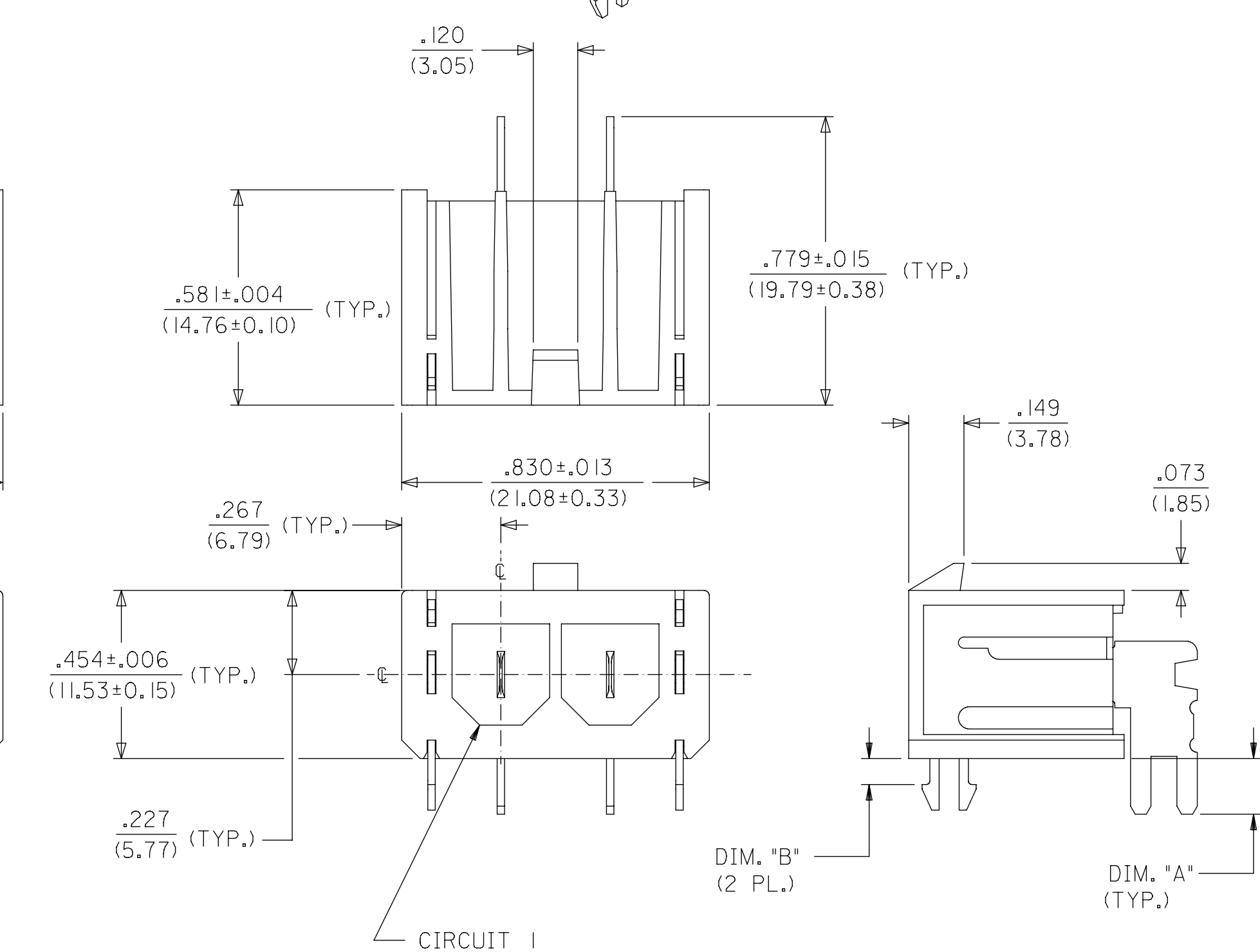
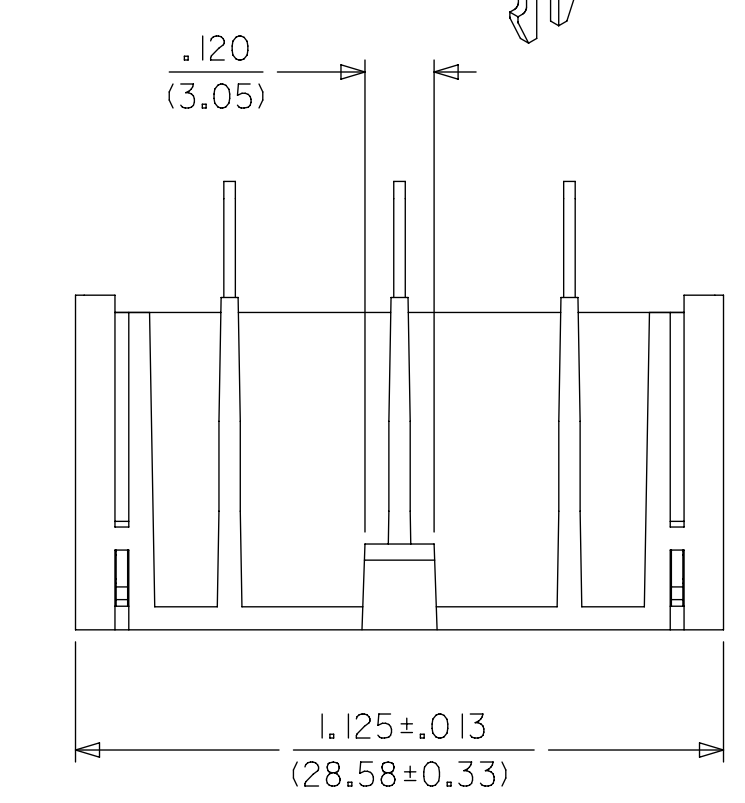
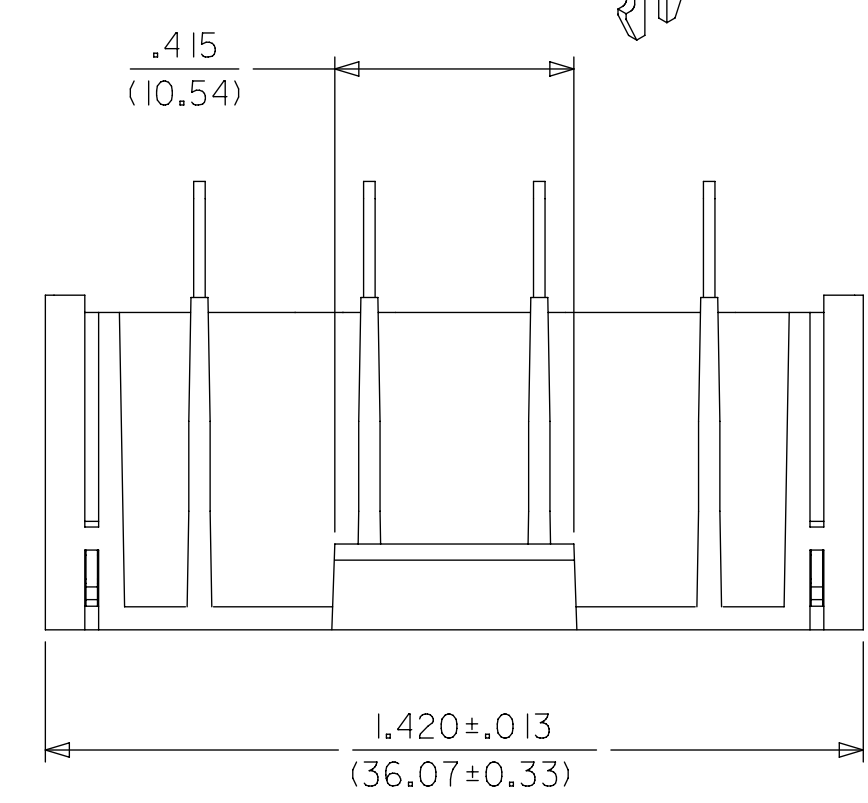
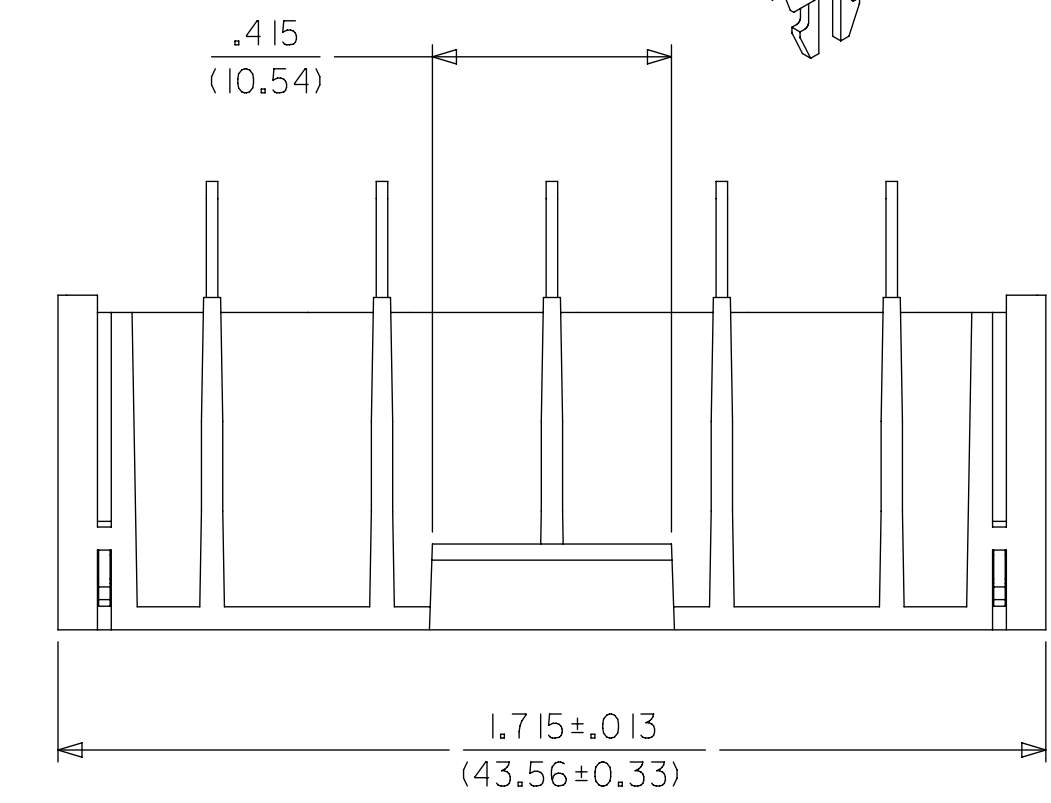
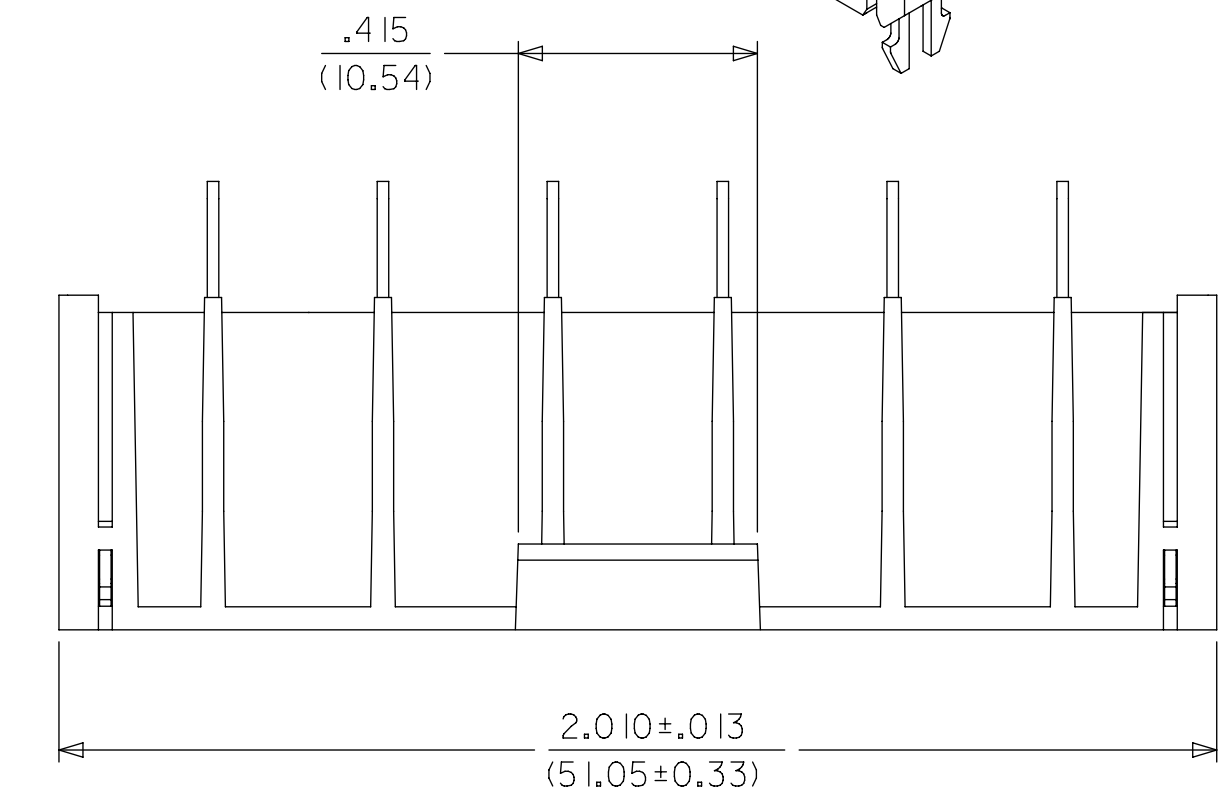
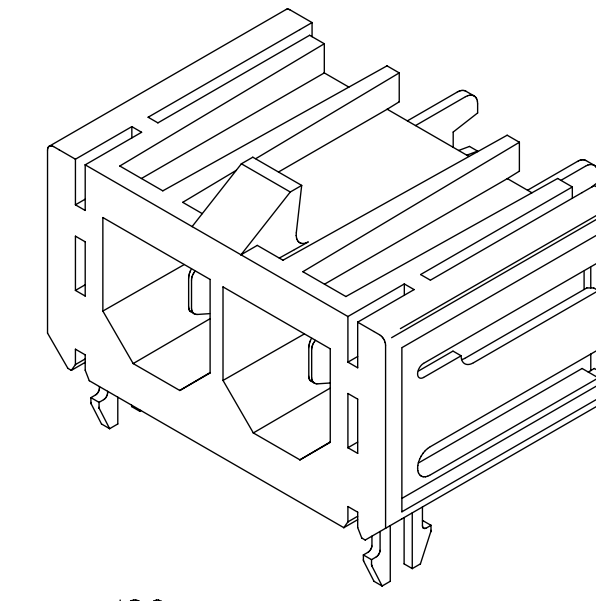
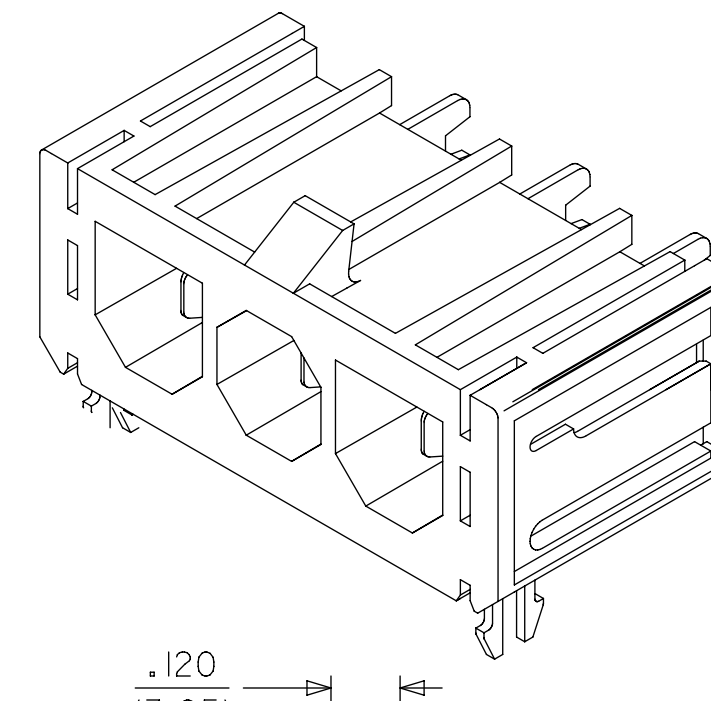
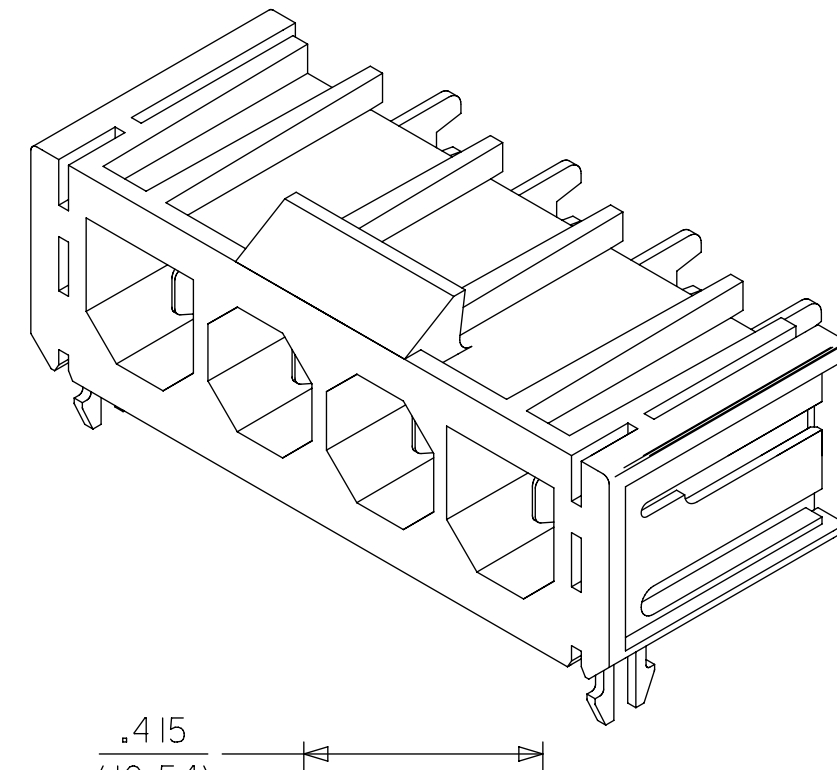
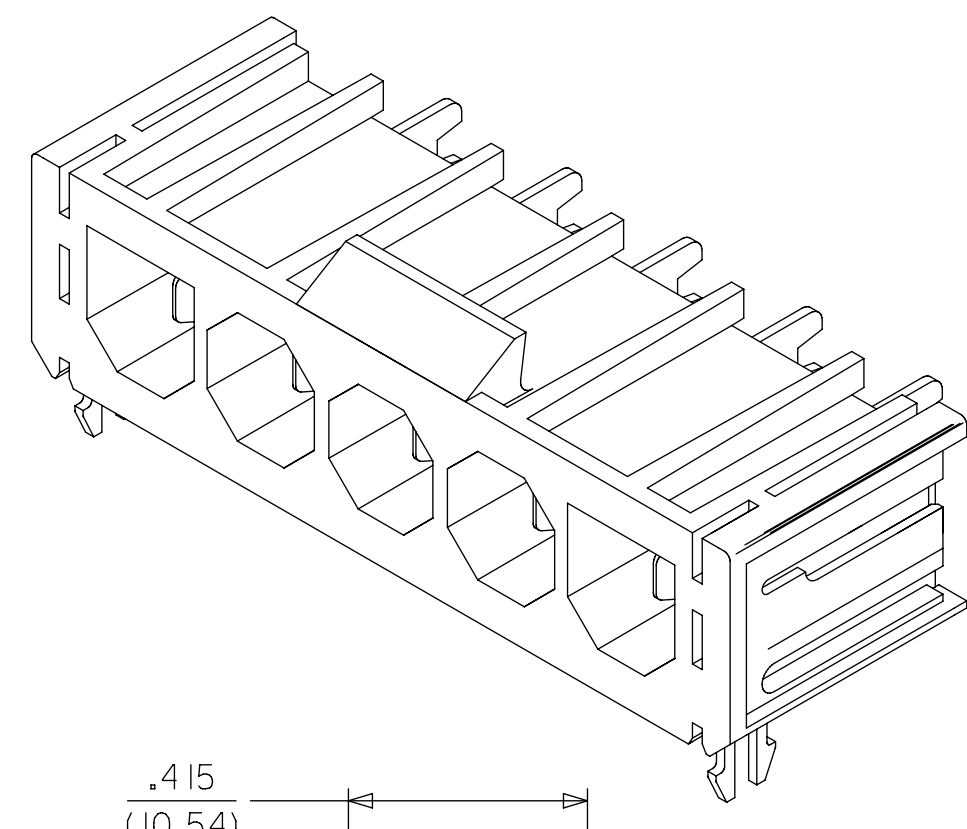
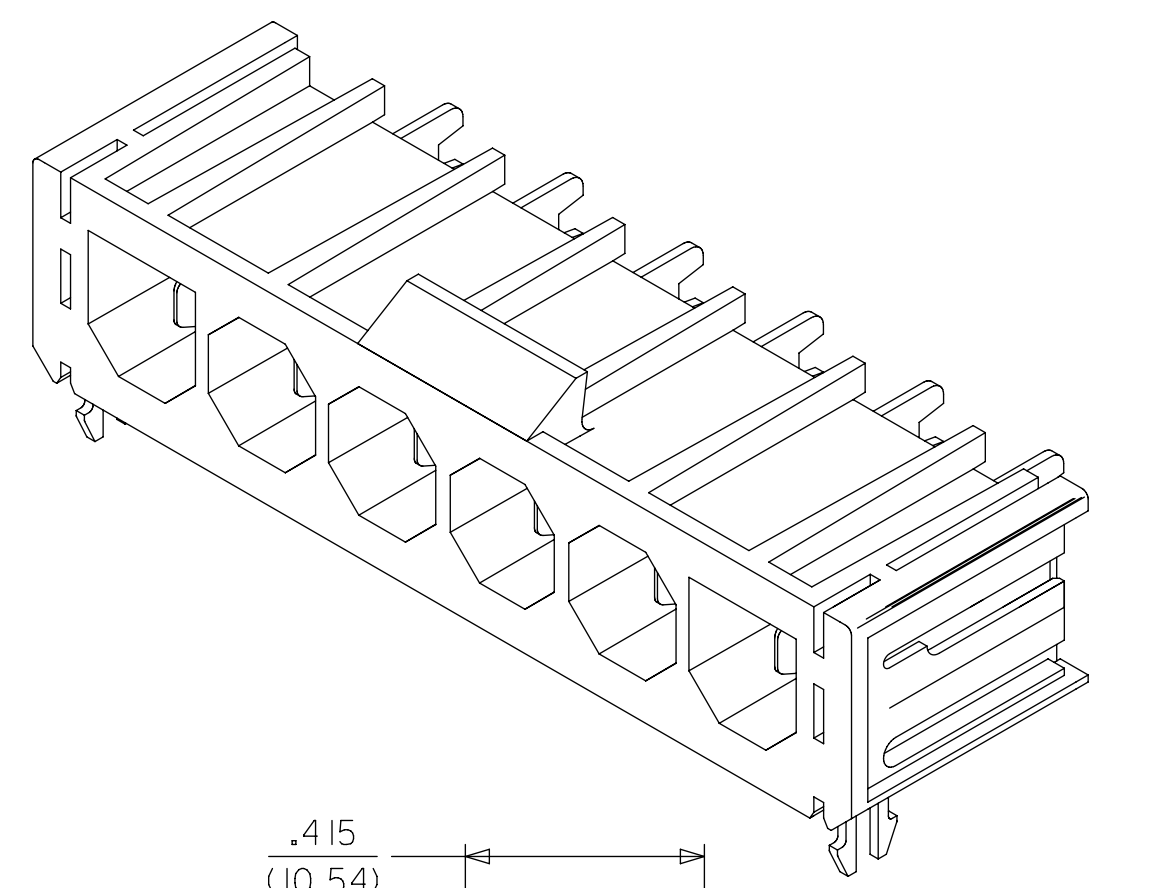
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-46007-001 PSD 001 D2

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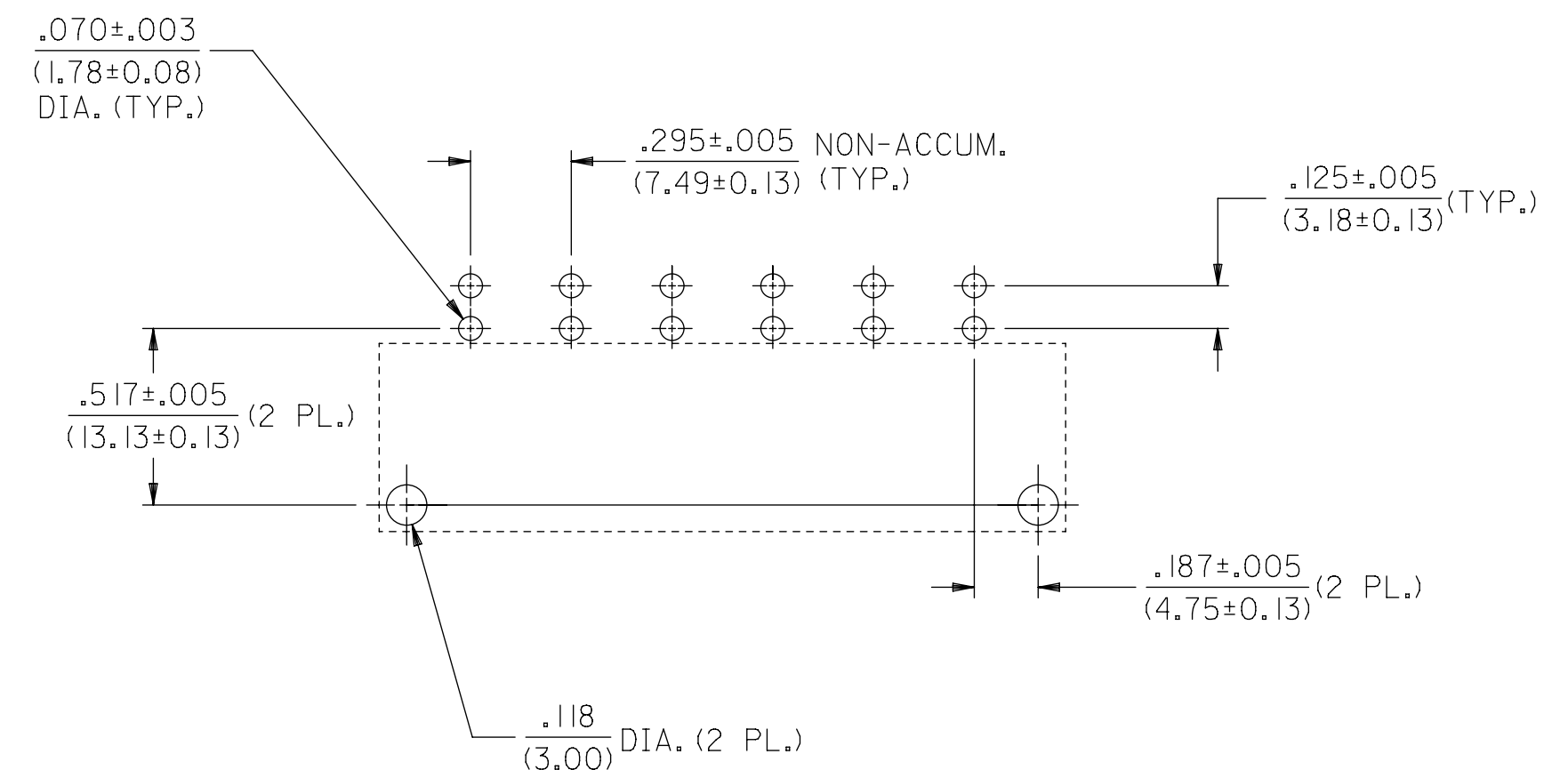
SEE CHART GENERAL MARKET 3 OF 6



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-O, COLOR: BLACK  
TERMINAL MATERIAL: BRASS
- TERMINAL FINISH: 60 MICRORINCH (1.50 MICROMETER) MINIMUM TIN OVER  
50 MICRORINCH (1.25 MICROMETER) MINIMUM NICKEL.
- PRODUCT SPECIFICATION: PS-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 433335, OR 44441 RECEPTACLE HOUSINGS.
- HEADERS INDICATED AS "FINGER-PROOF" ARE DESIGNED TO MINIMIZE ACCESSIBILITY TO LIVE PARTS PER UL1977 AND UL60950 (FORMERLY UL1950) FINGER PROBE REQUIREMENTS.
- SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PARTS NUMBERS.
- SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- TERMINALS ARE ON .295(7.49) CENTERLINE SPACING.
- DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
- PARTS LISTED ON THIS DRAWING ARE CONSTRUCTED TO MEET THE REQUIREMENTS FOR DIRECT SUPPORT OF UNINSULATED LIVE PARTS AS DESCRIBED IN UL508C.

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)

<b>SYMBOLS</b> DIMENSION UNITS: IN/MM SCALE: 3:1 GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± ± 3 PLACES ± ± 0.005 2 PLACES ± 0.13 ± 0.01 1 PLACE ± 0.25 ± 0 PLACES ± ± ANGULAR TOL ± 0.5° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES: D-SIZE 46007	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: EC NO: 608433 DRWN: SALHAMY 2018/11/29 CHK'D: MKIPPER 2018/12/07 APPR: FSMITH 2018/12/10 INITIAL REVISION: DRWN: CSTEWARD 2004/28/05 APPR: FSMITH 2015/01/05		 SABRE HEADER ASSY 2-6 & 8 CIR. FINGER-PROOF PRODUCT CUSTOMER DRAWING	
	DOCUMENT NUMBER: SD-46007-001 DOC TYPE: PSD DOC PART: 001 REVISION: D2			
	MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 4 OF 6			
	DOCUMENT STATUS: P1 RELEASE DATE: 2018/12/10 22:44:47			

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	
46007-1102	2	A	SHORT	N/A	PK-43160-0010
46007-1302	2	A	LONG	N/A	PK-43789-001
46007-3102	2	A	SHORT	.062	PK-43789-001
46007-5102	2	A	SHORT	.094	PK-43789-001
46007-5302	2	A	LONG	.094	PK-43789-001
46007-7302	2	A	LONG	.125	PK-43789-001
46007-1103	3	A	SHORT	N/A	PK-43160-0010
46007-1303	3	A	LONG	N/A	PK-43789-001
46007-3103	3	A	SHORT	.062	PK-43789-001
46007-5103	3	A	SHORT	.094	PK-43789-001
46007-5303	3	A	LONG	.094	PK-43789-001
46007-7303	3	A	LONG	.125	PK-43789-001

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	
46007-1104	4	A	SHORT	N/A	PK-43160-0010
46007-1304	4	A	LONG	N/A	PK-43789-001
46007-3104	4	A	SHORT	.082	PK-43789-001
46007-5104	4	A	LONG	.094	PK-43789-001
46007-5304	4	A	LONG	.125	PK-43789-001
46007-7304	5	A	SHORT	N/A	PK-43160-0010
46007-1105	5	A	LONG	N/A	PK-43789-001
46007-1305	5	A	SHORT	.062	PK-43789-001
46007-3105	5	A	SHORT	.094	PK-43789-001
46007-5105	5	A	LONG	.094	PK-43789-001
46007-5305	5	A	LONG	.125	PK-43789-001
46007-7305	5	A	LONG	.125	PK-43789-001

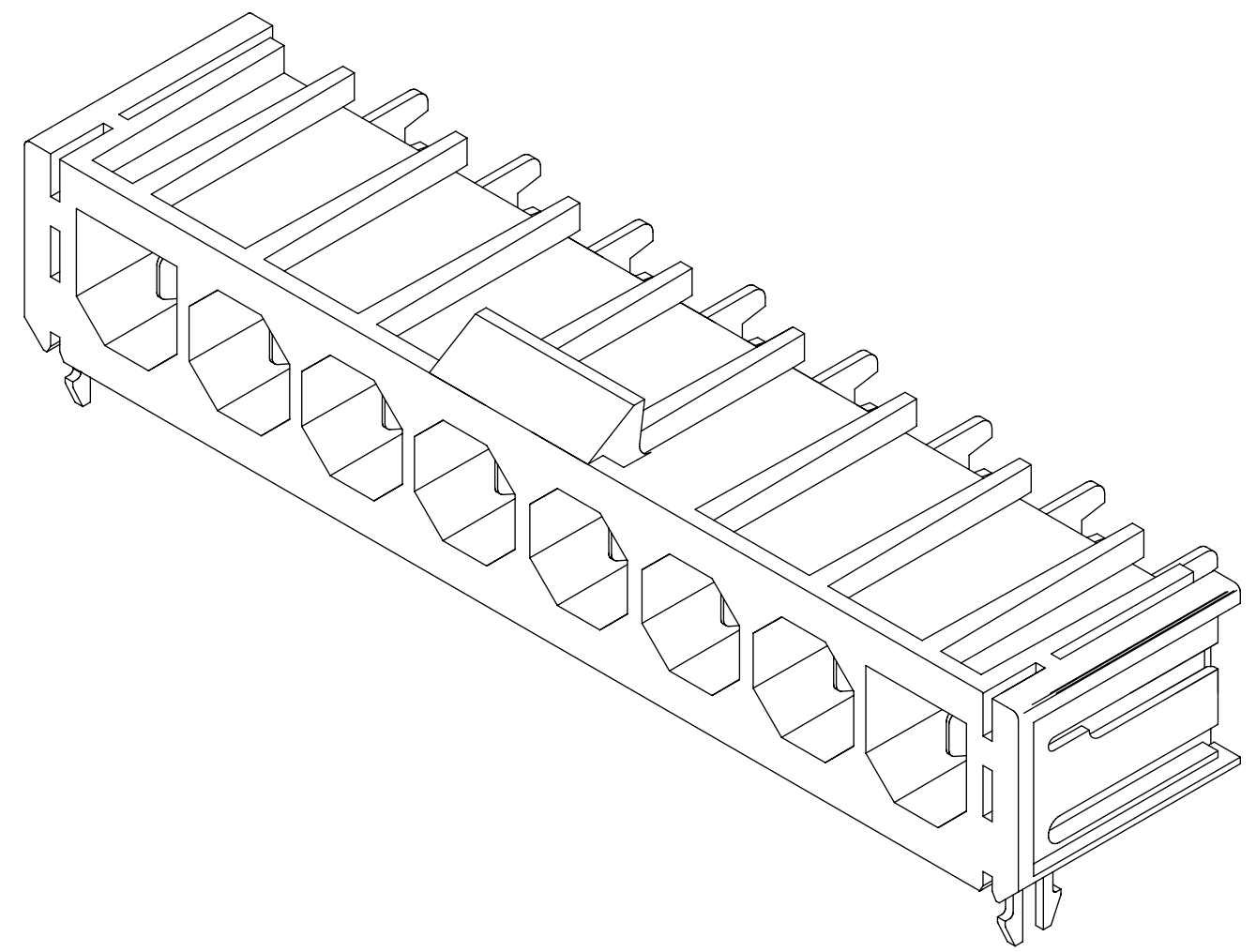
RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
46007-1106	6	A	SHORT	N/A	PK-43160-0010
46007-1306	6	A	LONG	N/A	PK-43789-001
46007-3106	6	A	SHORT	.062	PK-43789-001
46007-5106	6	A	SHORT	.094	PK-43789-001
46007-5306	6	A	LONG	.094	PK-43789-001
46007-7306	6	A	LONG	.125	PK-43789-001

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:						
	IN/MM	3:1							
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 608433						
		MM	INCH	DRWN: SALHAMY 2018/11/29					
▽ = 0	4 PLACES	±	±	2018/12/07					
▽ = 0	3 PLACES	±	± 0.005	CHK'D: MKIPPER					
▽ = 0	2 PLACES	±	0.13 ± 0.01	APPR: FSMITH 2018/12/10					
▽ = 0	1 PLACE	±	0.25 ±	INITIAL REVISION:					
☒ = 0	0 PLACES	±	±	DRWN: CSTEWARD 2004/28/05					
■ = 0	ANGULAR TOL	±	0.5 °	2015/01/05					
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
					D-SIZE	46007	SEE CHART	GENERAL MARKET	5 OF 6

SABRE HEADER ASSY  
2-6 & 8 CIR. FINGER-PROOF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-46007-001	PSD	001	D2

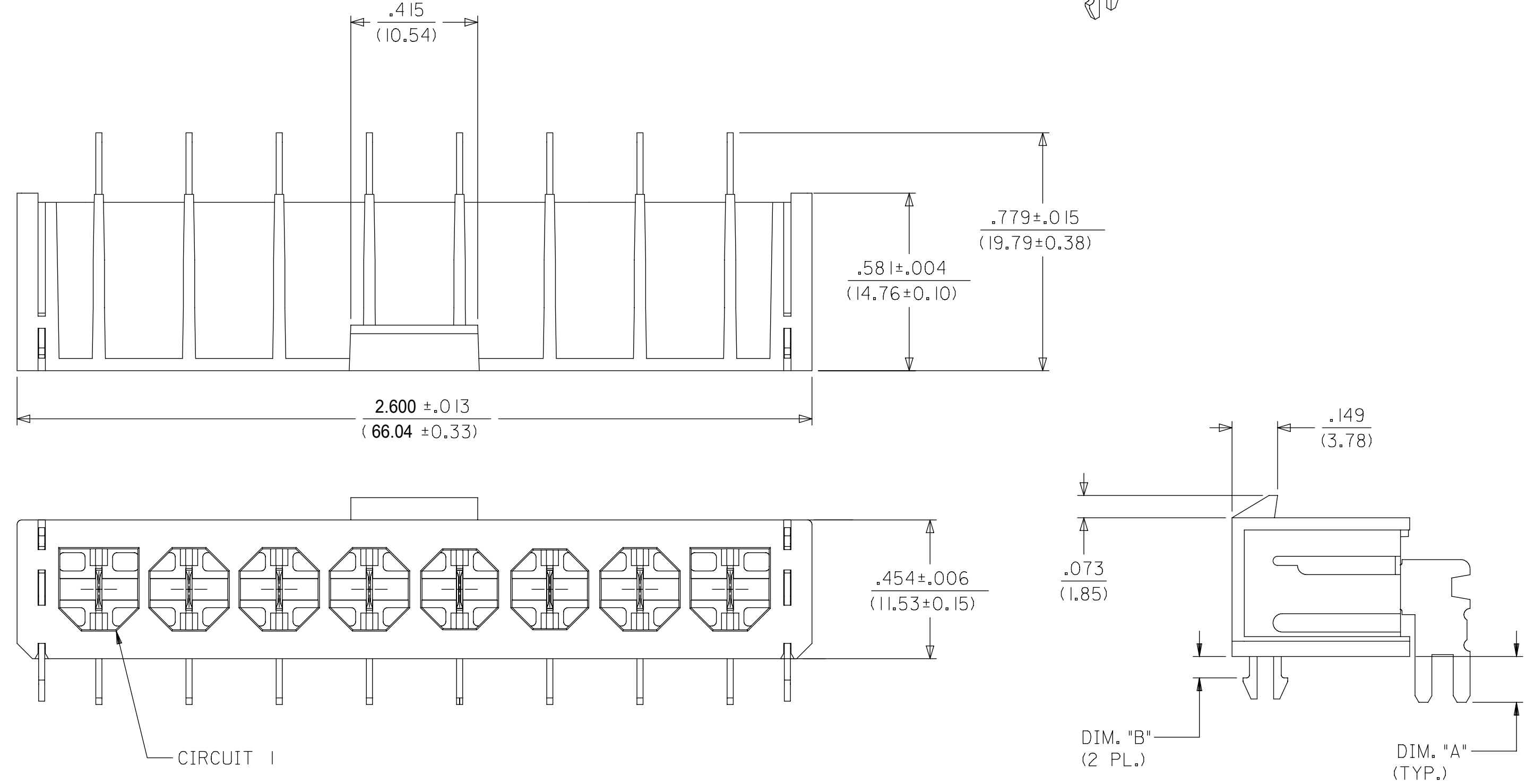


BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

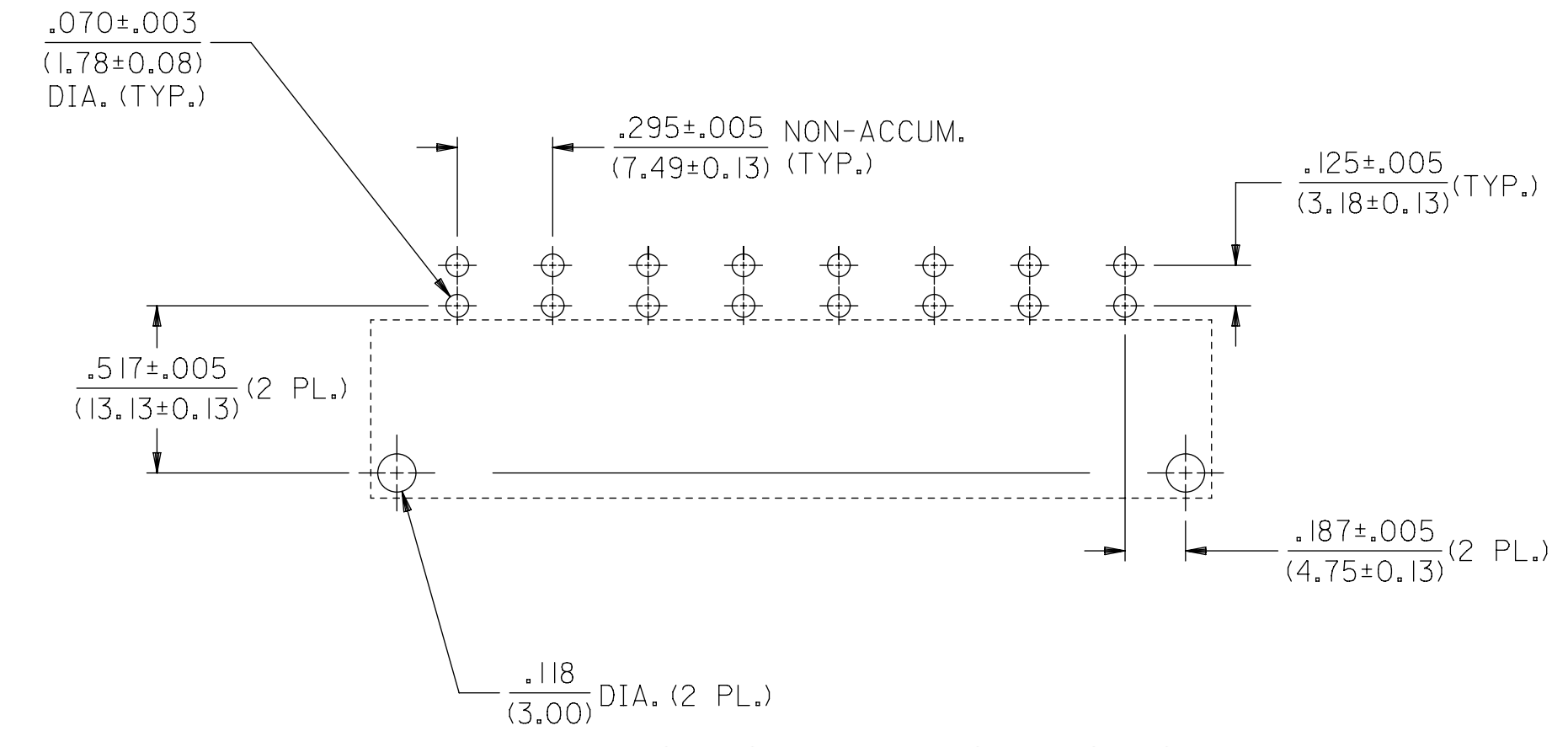
  

SOLDER TAIL	DIM. "A" ±.011/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

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	
46007-1108	8	A	SHORT	N/A	PK-43160-0010
46007-1308	8	A	LONG	N/A	PK-43789-001
46007-3108	8	A	SHORT	.062	PK-43789-001
46007-5108	8	A	SHORT	.094	PK-43789-001
46007-5308	8	A	LONG	.094	PK-43789-001
46007-7308	8	A	LONG	.125	PK-43789-001



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



8 CIRCUIT LAYOUT SHOWN

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		
	DIMENSION UNITS	SCALE			
▽ = 0	IN/MM	3:1			<b>SABRE HEADER ASSY</b> 2-6 & 8 CIR. FINGER-PROOF
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0		MM	INCH	EC NO: 608433	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: <b>SD-46007-001</b>   DOC TYPE: PSD   DOC PART: 001   REVISION: D2
▽ = 0	4 PLACES ±	±	±	DRWN: SALHAMY 2018/11/29	
▽ = 0	3 PLACES ±	± 0.005		CHK'D: MKIPPER 2018/12/07	
▽ = 0	2 PLACES ±	0.13	± 0.01	APPR: FSMITH 2018/12/10	
▽ = 0	1 PLACE ±	0.25	±	INITIAL REVISION:	
⊠ = 0	0 PLACES ±	±	±	DRWN: CSTEWARD 2004/28/05	
■ = 0	ANGULAR TOL	± 0.5°		APPR: FSMITH 2015/01/05	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		DRAWING: <b>D-SIZE</b>	SERIES: <b>46007</b>
				MATERIAL NUMBER: SEE CHART	CUSTOMER: GENERAL MARKET
					SHEET NUMBER: 6 OF 6