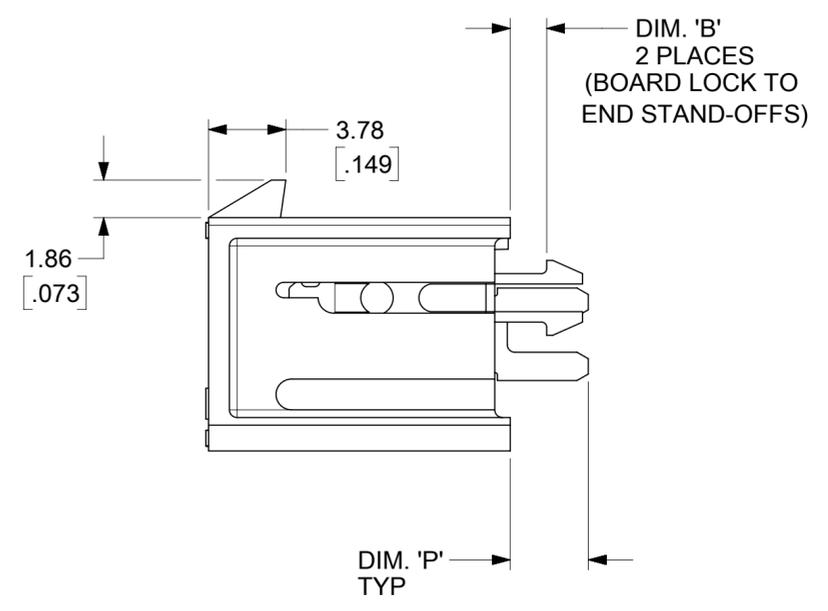
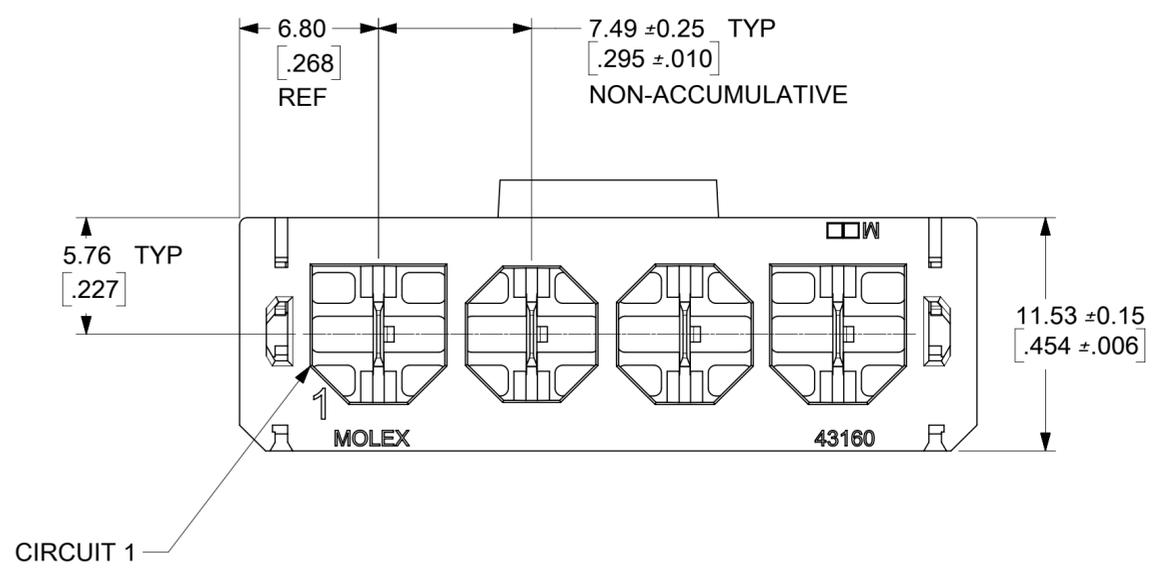
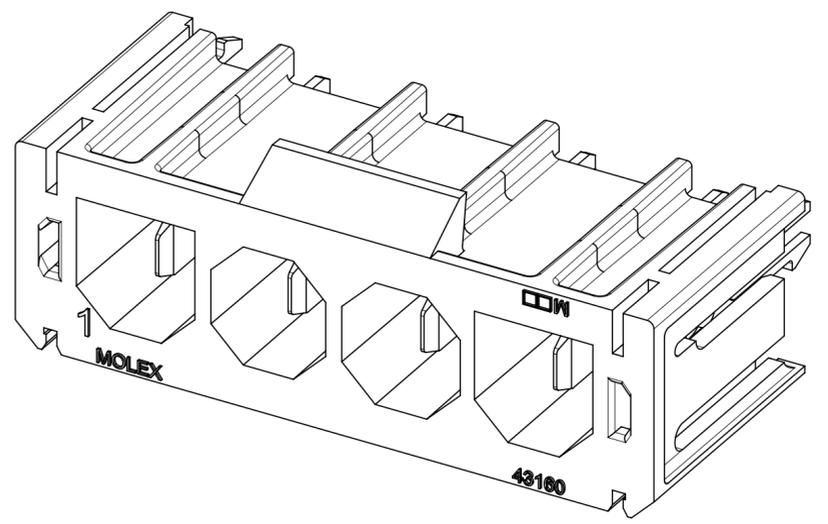
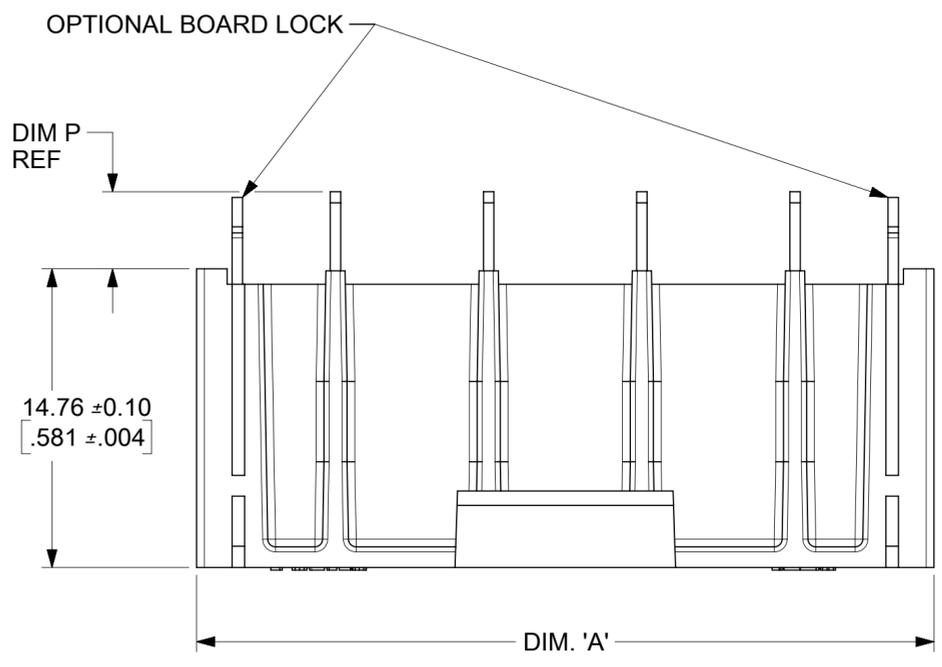


CIRCUITS	DIM. 'A' ±	0.33 .013
2	21.08	.830
3	28.58	1.125
4	36.07	1.420
5	43.56	1.715
6	51.05	2.010
8	66.04	2.600



SHEETS 1 AND 2: VERTICAL HEADERS
 SHEETS 3 AND 4: RIGHT ANGLE HEADERS
 SHEET 5: POLARIZATION

- INSULATOR MATERIAL: 30% GLASS FILLED 4/6 NYLON UL94V-0, COLOR: BLACK
 TERMINAL MATERIAL : BRASS
- TERMINAL FINISH: OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
- PRODUCT SPECIFICATION PS-44441-9999.
- PACKAGING: SEE CHART
- THIS HEADER MATES WITH 44441 OR 43335 SERIES RECEPTACLE HOUSINGS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPECIFICATION PS-45499-002
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
- PART DESIGNED IN INCHES.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		DIMENSION UNITS		SCALE	
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∇ = 0		MM	INCH	DRWN: MKIPPER	2019/09/06
S = 0	4 PLACES ±	±	±	CHK'D: DSTEIER	2019/09/13
∇ = 0	3 PLACES ±	±	± 0.005	APPR: FSMITH	2019/09/17
∇ = 0	2 PLACES ±	0.13	0.01	INITIAL REVISION:	
∇ = 0	1 PLACE ±	0.25	±	DRWN: MKIPPER	2019/09/06
∇ = 0	0 PLACES ±	±	±	APPR: FSMITH	2019/09/17
∇ = 0	ANGULAR TOL	± 0.5 °		THIRD ANGLE PROJECTION	DRAWING
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			C-SIZE	SERIES
				43160	

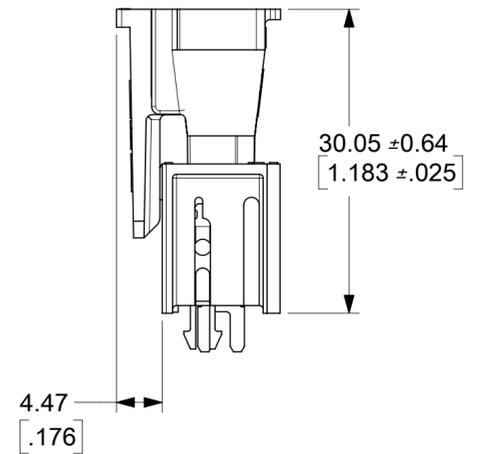
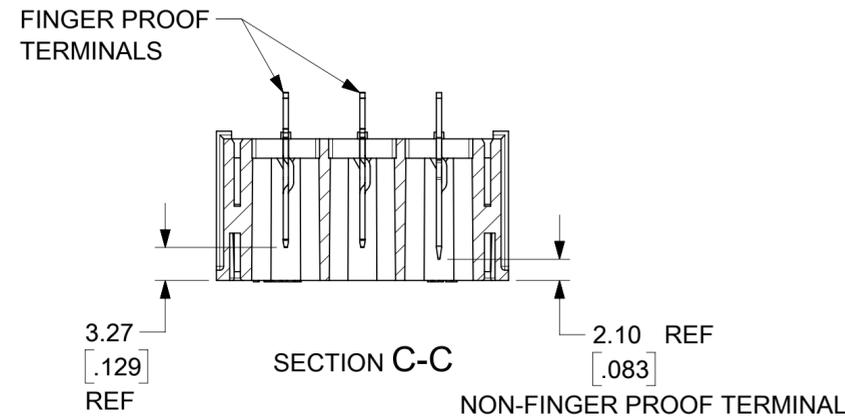
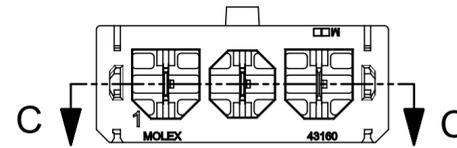
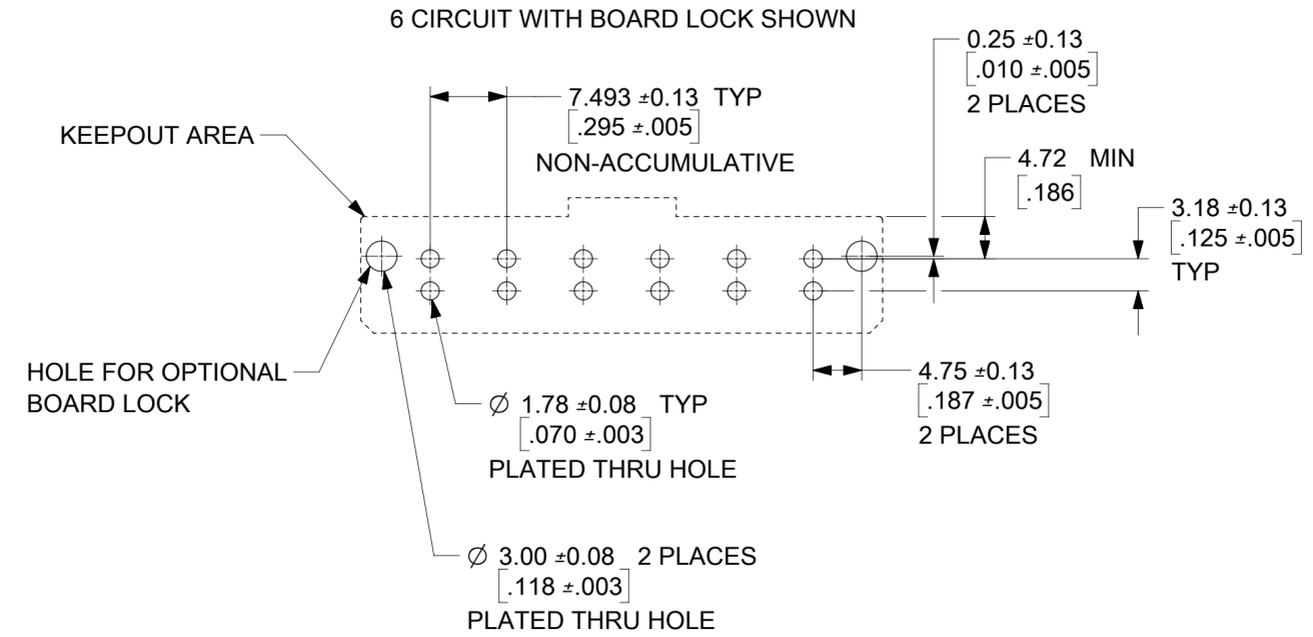
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
431600001-SD		PSD	000	A
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
SEE CHARTS	GENERAL MARKET	1 OF 5		

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17 14:17:52
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THIS DRAWING REPLACES SDA-43160-****

VERTICAL HEADER ASSEMBLIES					
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.
43160-0102	2	3.81/(.150) (SHORT TAIL)	NO	N/A	PK-43160-0010
43160-0103	3				
43160-0104	4				
43160-0105	5				
43160-0106	6				
43160-0108	8				
43160-0302	2	5.33/(.210) (LONG TAIL)	NO	N/A	PK-43789-001
43160-0303	3				
43160-0304	4				
43160-0305	5				
43160-0306	6				
43160-0308	8				
43160-2102	2	3.81/(.150) (SHORT TAIL)	YES	1.78/(.070) FOR 1.57/(.062) PCB	PK-43789-001
43160-2103	3				
43160-2104	4				
43160-2105	5				
43160-2106	6				
43160-2108	8				
43160-4102	2	3.81/(.150) (SHORT TAIL)	YES	2.59/(.102) FOR 2.39/(.094) PCB	PK-43789-001
43160-4103	3				
43160-4104	4				
43160-4105	5				
43160-4106	6				
43160-4108	8				
43160-4302	2	5.33/(.210) (LONG TAIL)	YES	2.59/(.102) FOR 2.39/(.094) PCB	PK-43789-001
43160-4303	3				
43160-4304	4				
43160-4305	5				
43160-4306	6				
43160-4308	8				
43160-6302	2	5.33/(.210) (LONG TAIL)	YES	3.38/(.133) FOR 3.18/(.125) PCB	PK-43789-001
43160-6303	3				
43160-6304	4				
43160-6305	5				
43160-6306	6				
43160-6308	8				
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P'	BOARD LOCK	DIM. 'B'	PACKAGING SPEC.

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS



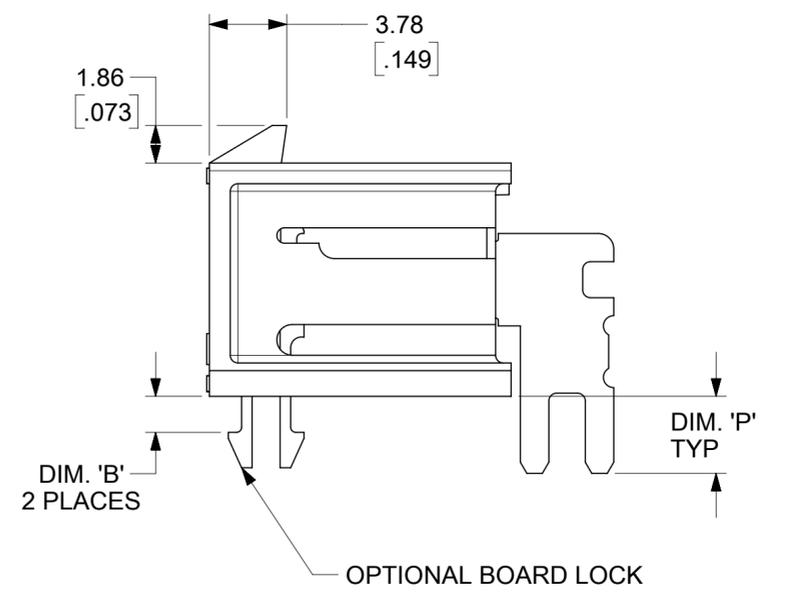
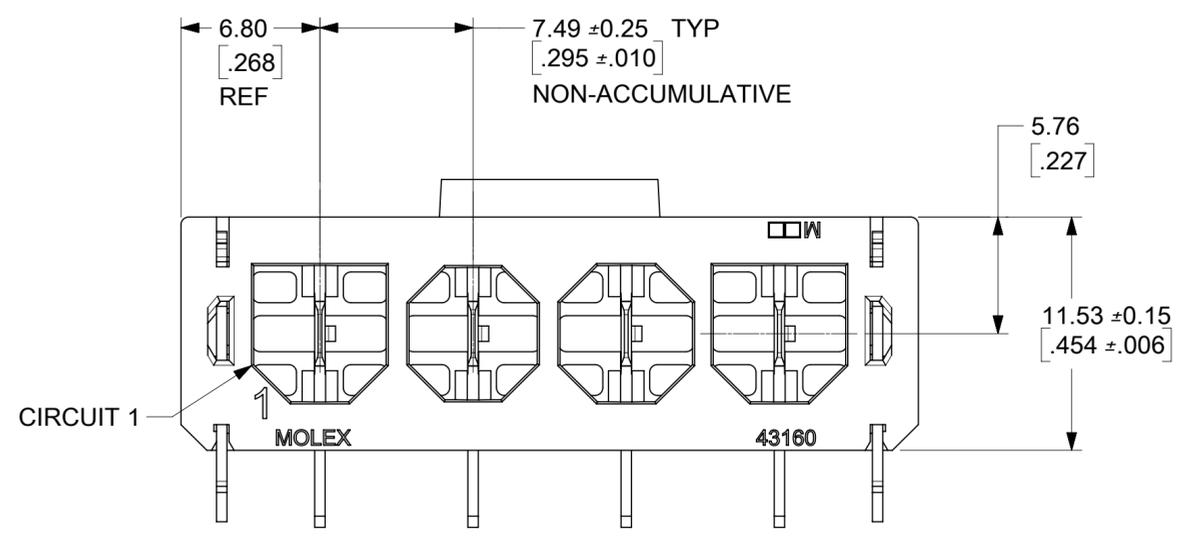
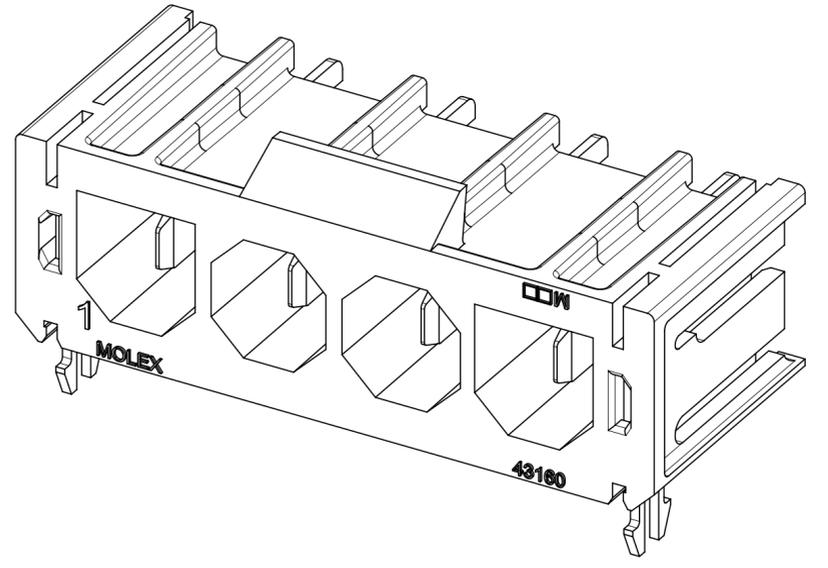
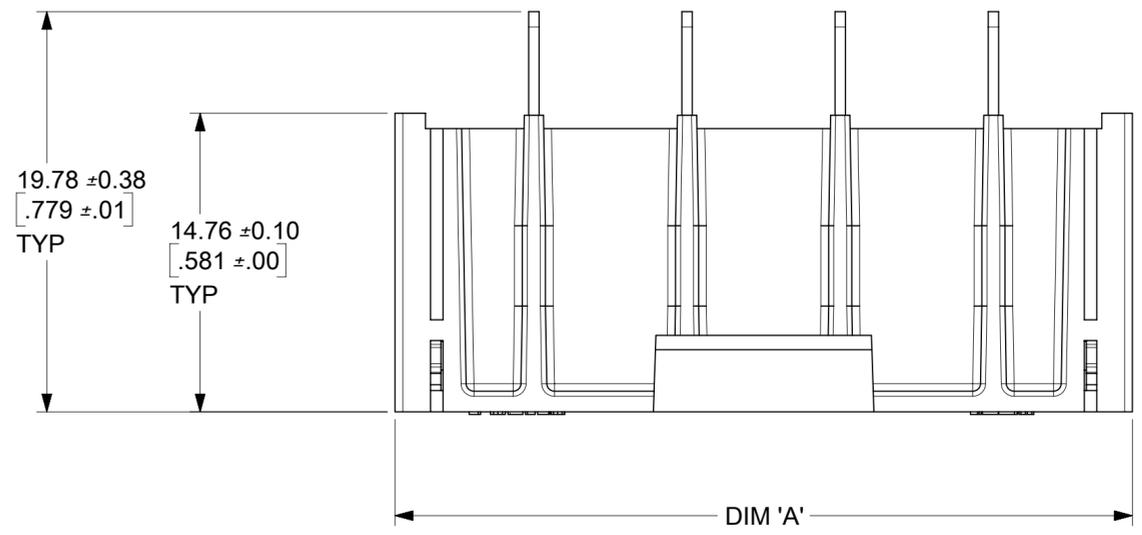
MATED DIMENSIONS VERTICAL HEADERS

FINGER PROOF VERTICAL HEADER ASSEMBLIES

ASSEMBLY PART NO.	CIRCUITS	FINGER PROOF TERMINAL CIRCUIT(S)	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.
43160-9002	3	1, 2	3.81/(.150) (SHORT TAIL)	NO	N/A	PK-43160-0010

SYMBOLS						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	DIMENSION UNITS: IN/MM		SCALE: 2:1		CURRENT REV/DESC: RELEASED								
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DOCUMENT STATUS: P1		RELEASE DATE: 2019/09/17	14:17:52									DOCUMENT NUMBER: 431600001-SD		DOC TYPE: PSD	DOC PART: 000	REVISION: A		
MATERIAL NUMBER: SEE CHARTS		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 2 OF 5														

CIRCUITS	DIM. 'A' ±	0.33 .013
2	21.08 .830	
3	28.58 1.125	
4	36.07 1.420	
5	43.56 1.715	
6	51.05 2.010	
8	66.04 2.600	

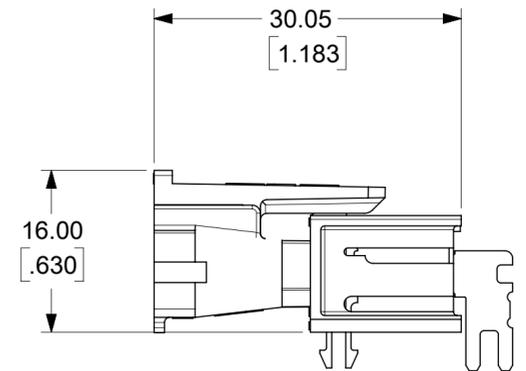
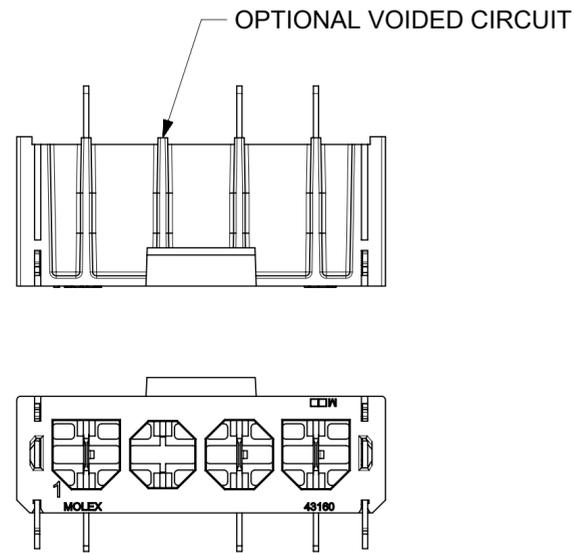
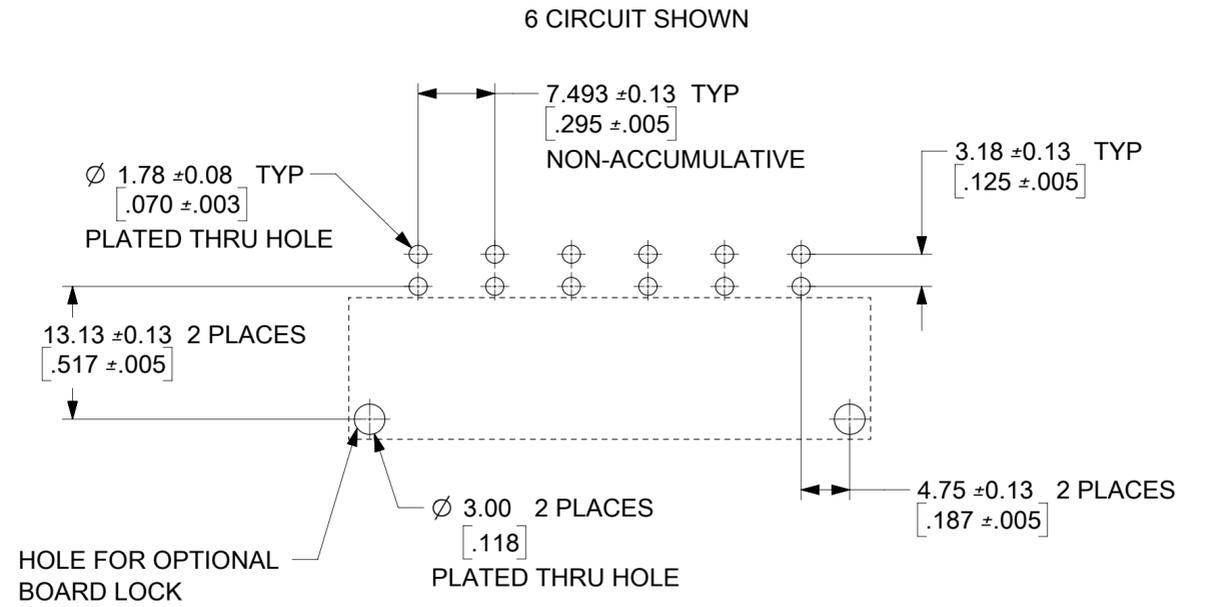


SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
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∇ = 0	∇ = 0	∇ = 0	∇ = 0	∇ = 0	∇ = 0	∇ = 0	∇ = 0	∇ = 0	∇ = 0	ANGULAR TOL ±	± 0.5 °	APPR: FSMITH 2019/09/17												
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DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17	14:17:52
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RIGHT ANGLE HEADER ASSEMBLIES					
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± $\frac{0.28}{.011}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.
43160-1102	2	3.81/(.150) (SHORT TAIL)	NO	N/A	PK-43160-0010
43160-1103	3				
43160-1104	4				
43160-1105	5				
43160-1106	6				
43160-1108	8				
43160-1302	2	5.33/(.210) (LONG TAIL)	NO	N/A	PK-43789-001
43160-1303	3				
43160-1304	4				
43160-1305	5				
43160-1306	6				
43160-1308	8				
43160-3102	2	3.81/(.150) (SHORT TAIL)	YES	1.78/(.070) FOR 1.57/(.062) PCB	PK-43789-001
43160-3103	3				
43160-3104	4				
43160-3105	5				
43160-3106	6				
43160-3108	8				
43160-5102	2	3.81/(.150) (SHORT TAIL)	YES	2.59/(.102) FOR 2.39/(.094) PCB	PK-43789-001
43160-5103	3				
43160-5104	4				
43160-5105	5				
43160-5106	6				
43160-5108	8				
43160-5302	2	5.33/(.210) (LONG TAIL)	YES	2.59/(.102) FOR 2.39/(.094) PCB	PK-43789-001
43160-5303	3				
43160-5304	4				
43160-5305	5				
43160-5306	6				
43160-5308	8				
43160-7302	2	5.33/(.210) (LONG TAIL)	YES	3.38/(.133) FOR 3.18/(.125) PCB	PK-43789-001
43160-7303	3				
43160-7304	4				
43160-7305	5				
43160-7306	6				
43160-7308	8				
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P'	BOARD LOCK	DIM. 'B'	PACKAGING SPEC.

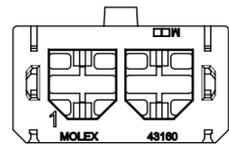
RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS



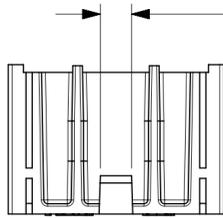
MATED DIMENSIONS RIGHT ANGLE HEADERS

RIGHT ANGLE HEADER ASSEMBLIES WITH VOIDED TERMINALS						
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± $\frac{0.28}{.011}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.	VOID CIRCUIT(S)
43160-9001	4	3.81/(.150)	YES	1.78/(.070) FOR 1.57/(.062) PCB	PK-43789-001	2
43160-9003	5	(SHORT TAIL)				2, 4

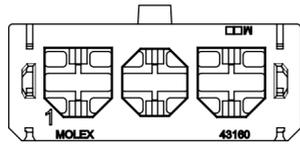
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▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					
▽ = 0		MM	INCH	EC NO: 623888	2019/09/06	SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)
▽ = 0	4 PLACES ±			DRWN: MKIPPER	2019/09/13	
▽ = 0	3 PLACES ±	± 0.005		CHK'D: DSTEIER	2019/09/17	
▽ = 0	2 PLACES ±	± 0.13	± 0.01	APPR: FSMITH		
▽ = 0	1 PLACE ±	± 0.25	±	INITIAL REVISION:		
▽ = 0	0 PLACES ±	±		DRWN: MKIPPER	2019/09/06	
▽ = 0	ANGULAR TOL ± 0.5°			APPR: FSMITH	2019/09/17	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
▽ = 0			C-SIZE	43160	SEE CHARTS	GENERAL MARKET
DOCUMENT STATUS		P1	RELEASE DATE	2019/09/17 14:17:52	DOCUMENT NUMBER	DOC TYPE
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					000	A
					SHEET NUMBER	
					4 OF 5	



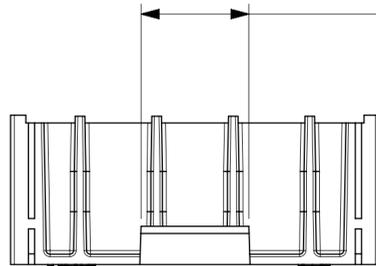
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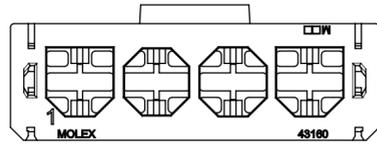
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 .120
 2 AND 3 CIRCUIT



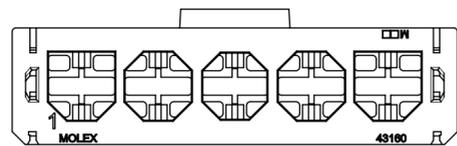
3 CIRCUITS



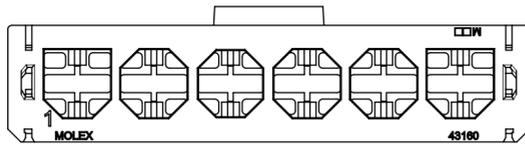
10.54
 .415
 4 CIRCUIT AND UP



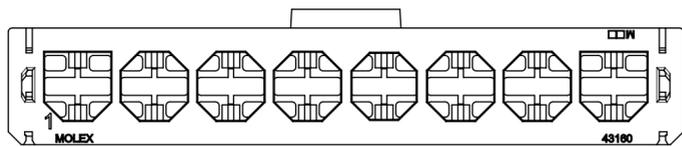
4 CIRCUITS



5 CIRCUITS



6 CIRCUITS



8 CIRCUITS

POLARIZATION

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: RELEASED						
▽ = 0	MM/INCH		2:1		molex SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)						
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▽ = 0			MM	INCH	EC NO: 623888 DRWN: MKIPPER 2019/09/06 CHK'D: DSTEIER 2019/09/13 APPR: FSMITH 2019/09/17						
▽ = 0	4 PLACES	±	±	INITIAL REVISION:							
▽ = 0	3 PLACES	±	± 0.005	DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17							
▽ = 0	2 PLACES	± 0.13	± 0.01	DOCUMENT NUMBER: 431600001-SD DOC TYPE: PSD DOC PART: 000 REVISION: A							
▽ = 0	1 PLACE	± 0.25	±	MATERIAL NUMBER: SEE CHARTS CUSTOMER: GENERAL MARKET SHEET NUMBER: 5 OF 5							
▽ = 0	0 PLACES	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 43160	
▽ = 0			ANGULAR TOL ± 0.5 °								

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[43160-4102](#)