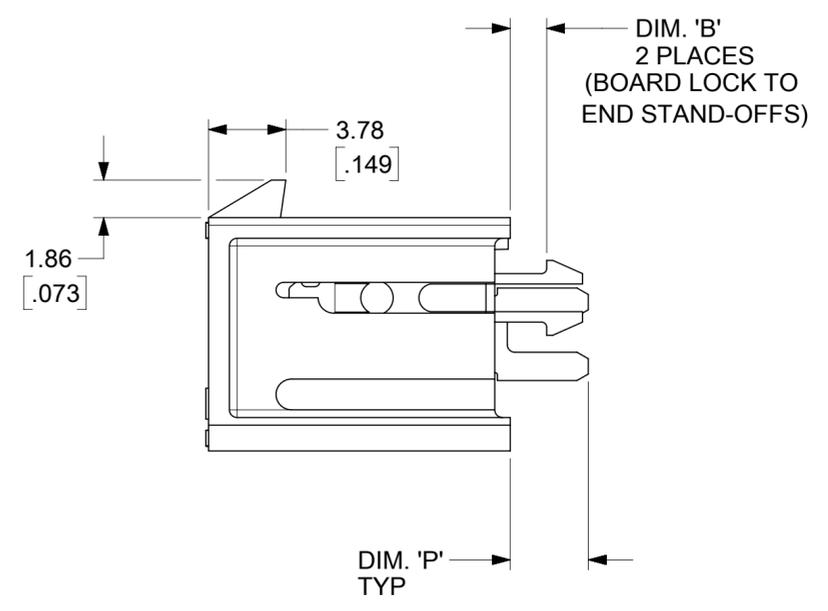
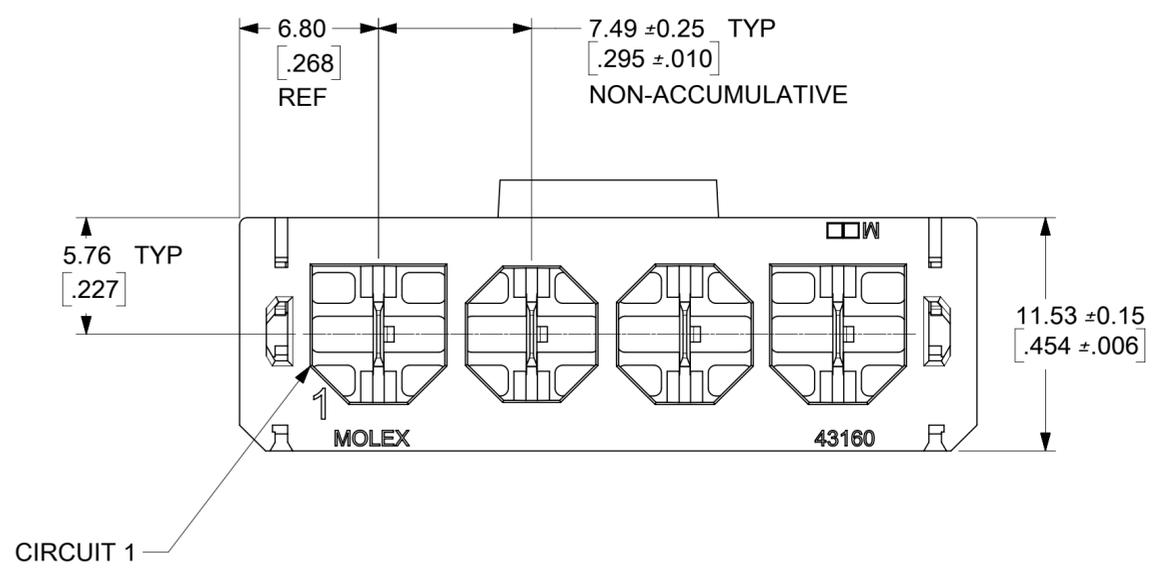
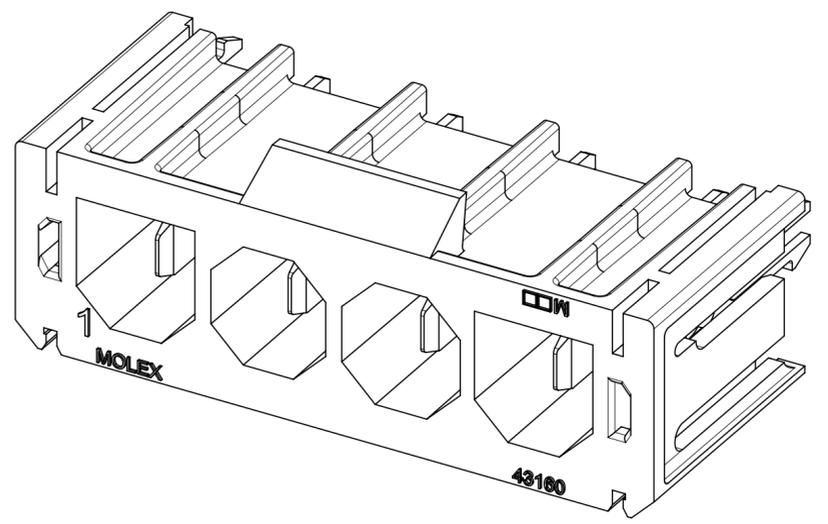
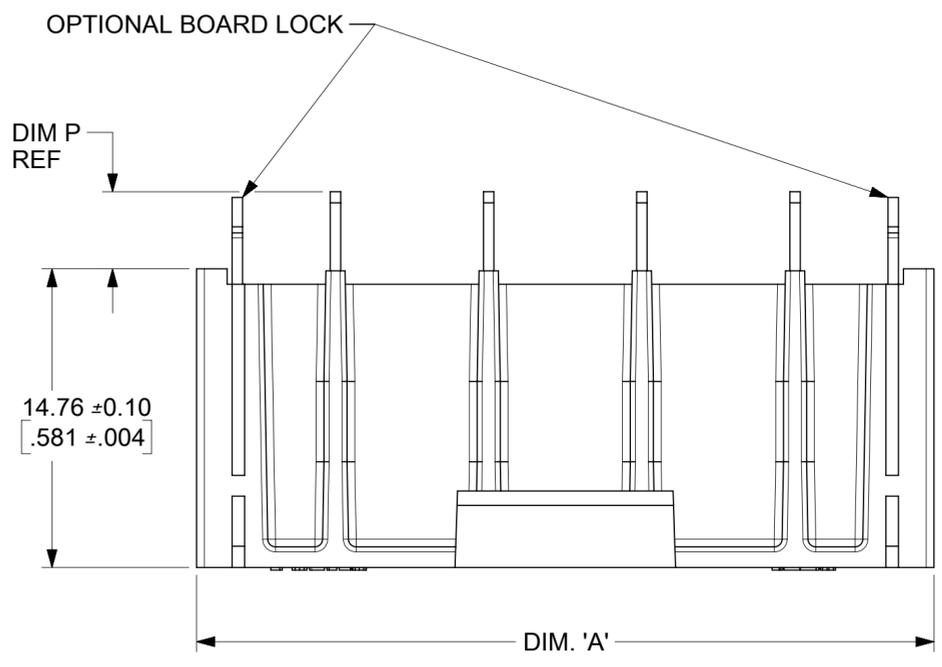


CIRCUITS	DIM. 'A' ±	0.33 .013
2	21.08	.830
3	28.58	1.125
4	36.07	1.420
5	43.56	1.715
6	51.05	2.010
8	66.04	2.600



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.

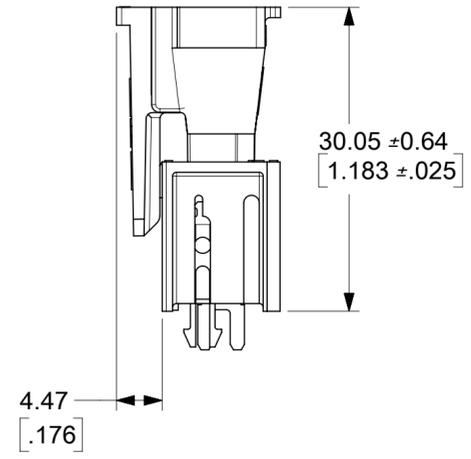
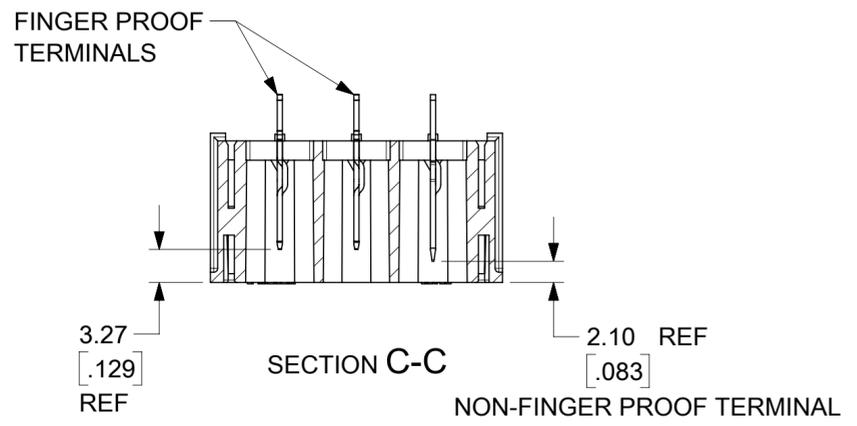
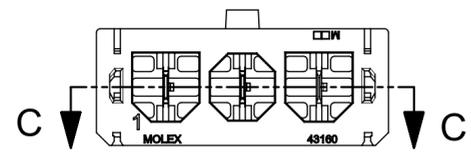
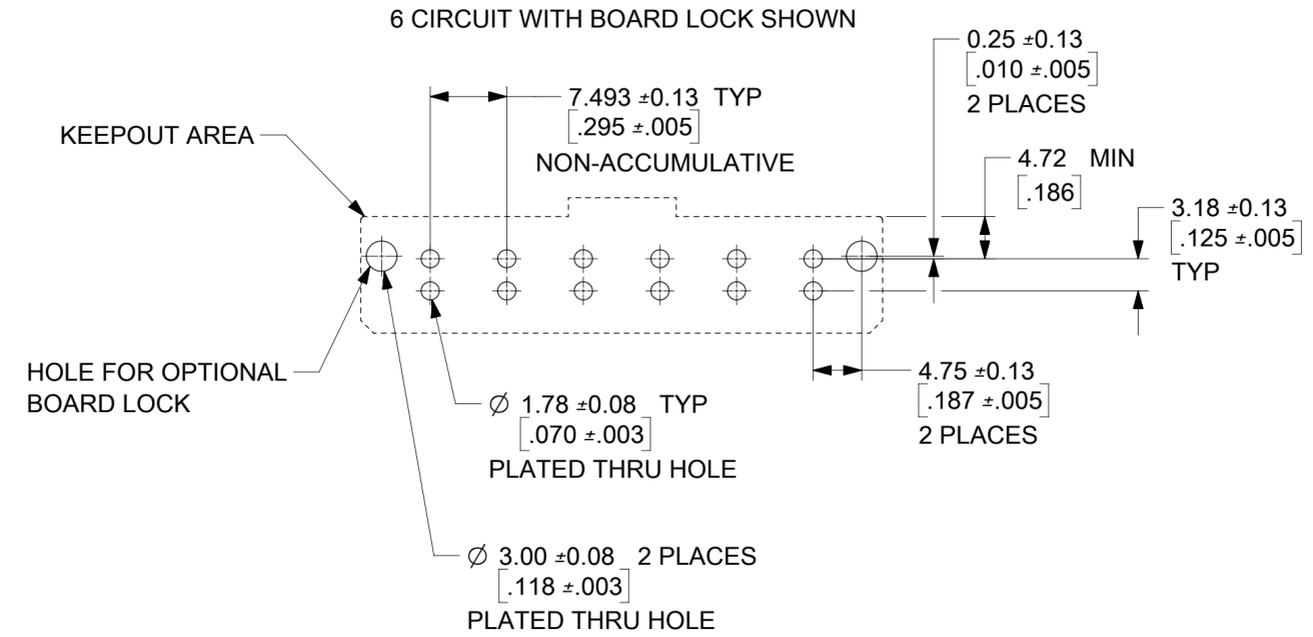
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: RELEASED	
DIMENSION UNITS		SCALE			
∇ = 0	IN/MM	4:1			
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
∇ = 0		MM	INCH		
S = 0	4 PLACES ±	±	±	EC NO: 623888	2019/09/06
∇ = 0	3 PLACES ±	±	± 0.005	DRWN: MKIPPER	2019/09/13
∇ = 0	2 PLACES ±	± 0.13	± 0.01	CHK'D: DSTEIER	2019/09/17
∇ = 0	1 PLACE ±	± 0.25	±	APPR: FSMITH	
∇ = 0	0 PLACES ±	±	±	INITIAL REVISION:	
∇ = 0	ANGULAR TOL ±	± 0.5 °		DRWN: MKIPPER	2019/09/06
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	APPR: FSMITH	2019/09/17
			DRAWING	SERIES	
			C-SIZE	43160	
				MATERIAL NUMBER	CUSTOMER
				SEE CHARTS	GENERAL MARKET
				DOCUMENT NUMBER	DOC TYPE   DOC PART   REVISION
				431600001-SD	PSD   000   A
					SHEET NUMBER
					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



HEADER WITH OPTIONAL FINGER PROOF TERMINAL  
43160-9002 SHOWN

### MATED DIMENSIONS VERTICAL HEADERS

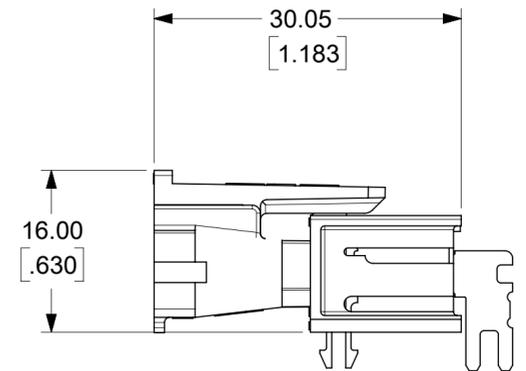
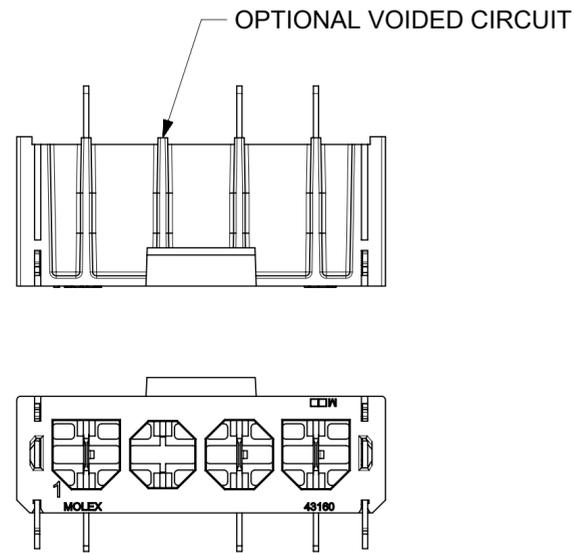
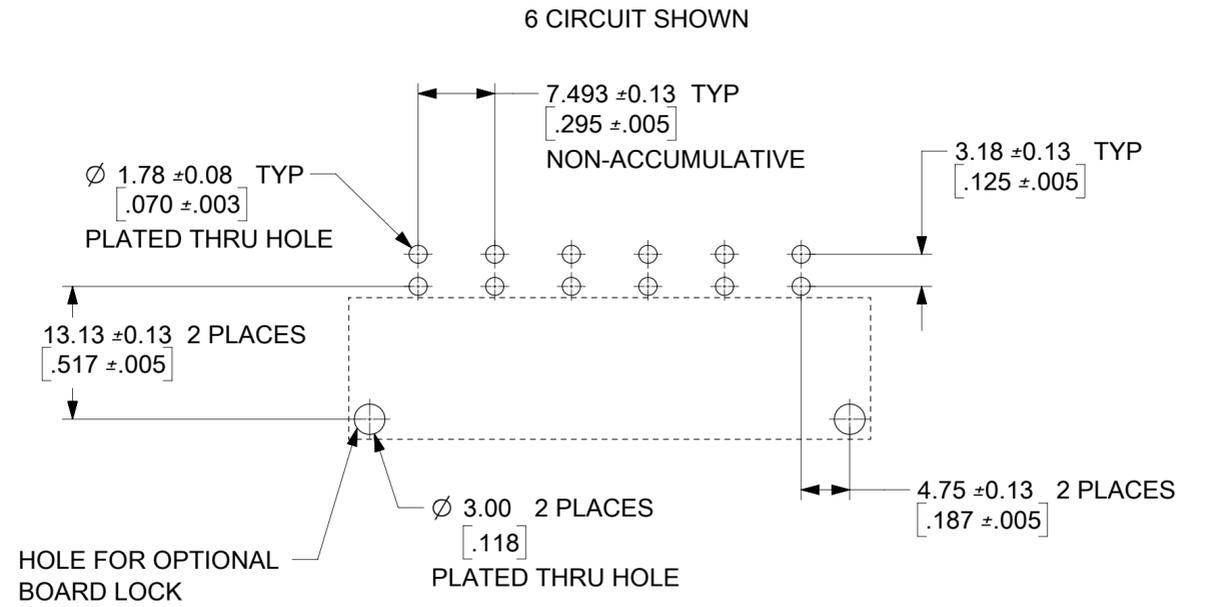
FINGER PROOF VERTICAL HEADER ASSEMBLIES						
ASSEMBLY PART NO.	CIRCUITS	FINGER PROOF TERMINAL CIRCUIT(S)	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.
43160-9002	3	1, 2	3.81/(.150) (SHORT TAIL)	NO	N/A	PK-43160-0010

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: <b>IN/MM</b>		SCALE: <b>2:1</b>		CURRENT REV/DESC: RELEASED													
▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				<b>molex</b> SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)													
▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	MM	INCH	EC NO: 623888	DRWN: MKIPPER			2019/09/06											
▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	4 PLACES ±	3 PLACES ±	2 PLACES ±	1 PLACE ±	0 PLACES ±	ANGULAR TOL ± 0.5°	EC NO: 623888	DRWN: MKIPPER	2019/09/06	CHK'D: DSTEIER	2019/09/13	APPR: FSMITH	2019/09/17					
▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: <b>C-SIZE</b>		SERIES: <b>43160</b>		INITIAL REVISION:		DOCUMENT NUMBER: <b>431600001-SD</b>		DOC TYPE: <b>PSD</b>		DOC PART: <b>000</b>		REVISION: <b>A</b>	
DOCUMENT STATUS: <b>P1</b>		RELEASE DATE: <b>2019/09/17 14:17:52</b>		MATERIAL NUMBER: <b>SEE CHARTS</b>		CUSTOMER: <b>GENERAL MARKET</b>		SHEET NUMBER: <b>2 OF 5</b>															



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.

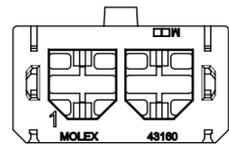
### RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS



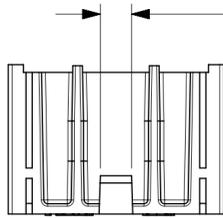
### MATED DIMENSIONS RIGHT ANGLE HEADERS

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

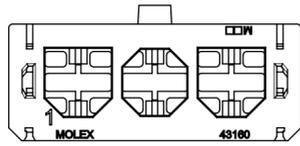
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	DIMENSION UNITS	SCALE		CURRENT REV/DESC: RELEASED		
▽ = 0	IN/MM	2:1		<b>molex</b> SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					
▽ = 0		MM	INCH	EC NO: 623888	2019/09/06	PRODUCT CUSTOMER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



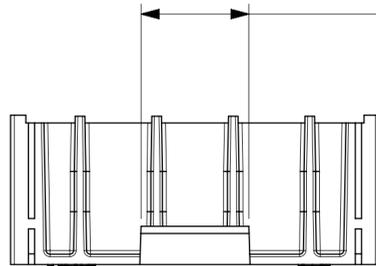
2 CIRCUITS



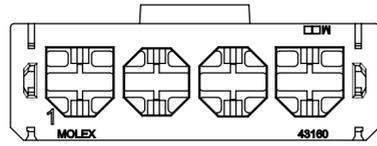
3.05  
 .120  
 2 AND 3 CIRCUIT



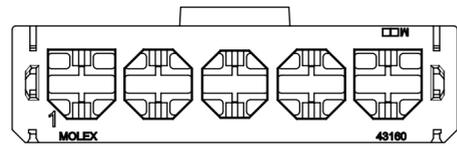
3 CIRCUITS



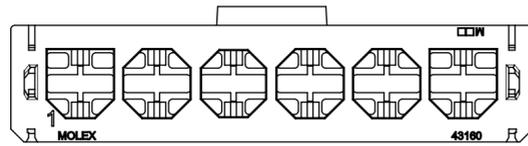
10.54  
 .415  
 4 CIRCUIT AND UP



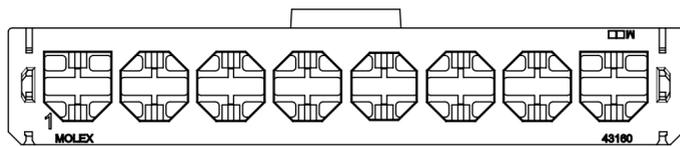
4 CIRCUITS



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		<b>molex</b> SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)					
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
▽ = 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: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17					
▽ = 0	3 PLACES	±		± 0.005						
▽ = 0	2 PLACES	±	0.13	± 0.01	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 431600001-SD DOC TYPE: PSD DOC PART: 000 REVISION: A					
▽ = 0	1 PLACE	±	0.25	±						
▽ = 0	0 PLACES	±		±	MATERIAL NUMBER: SEE CHARTS CUSTOMER: GENERAL MARKET SHEET NUMBER: 5 OF 5					
▽ = 0	ANGULAR TOL		± 0.5 °							
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 43160			

# Mouser Electronics

Authorized Distributor

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