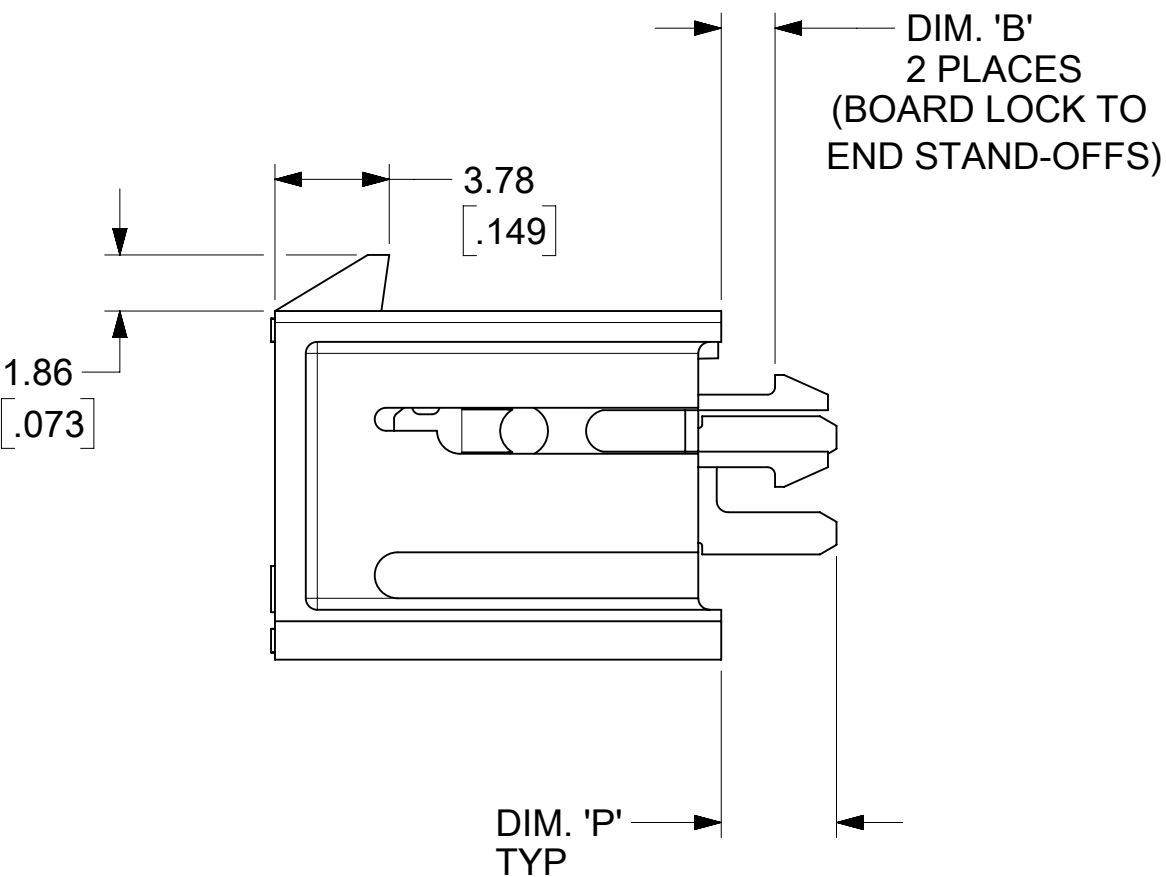
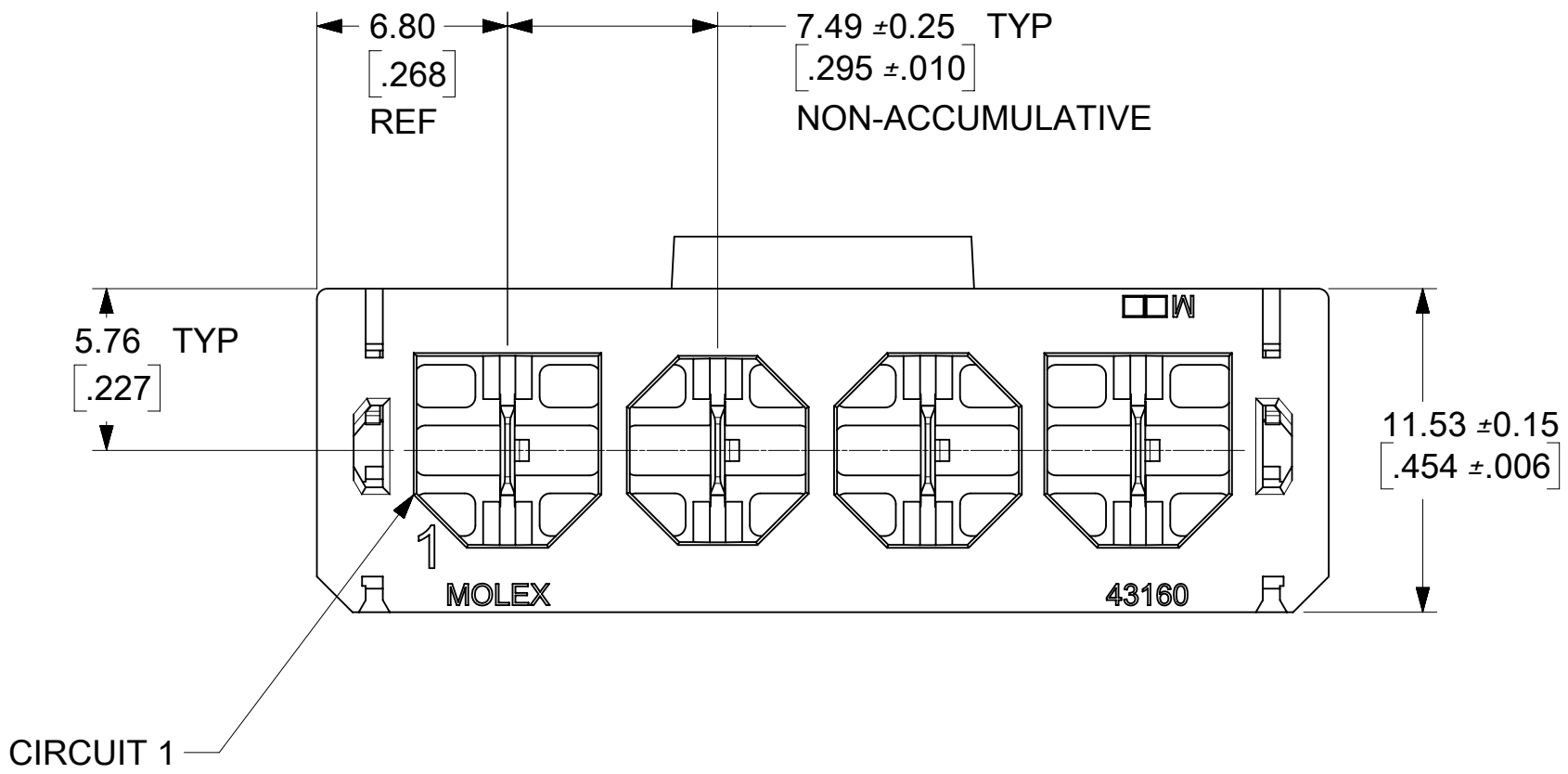
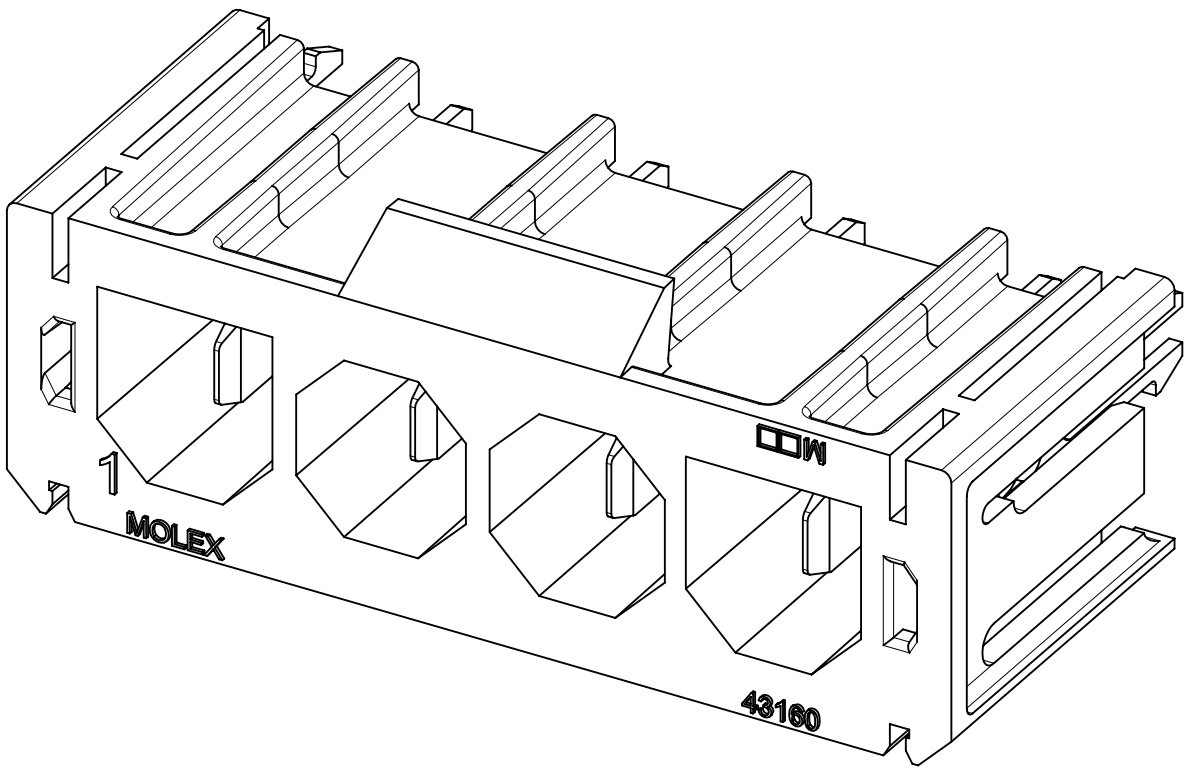
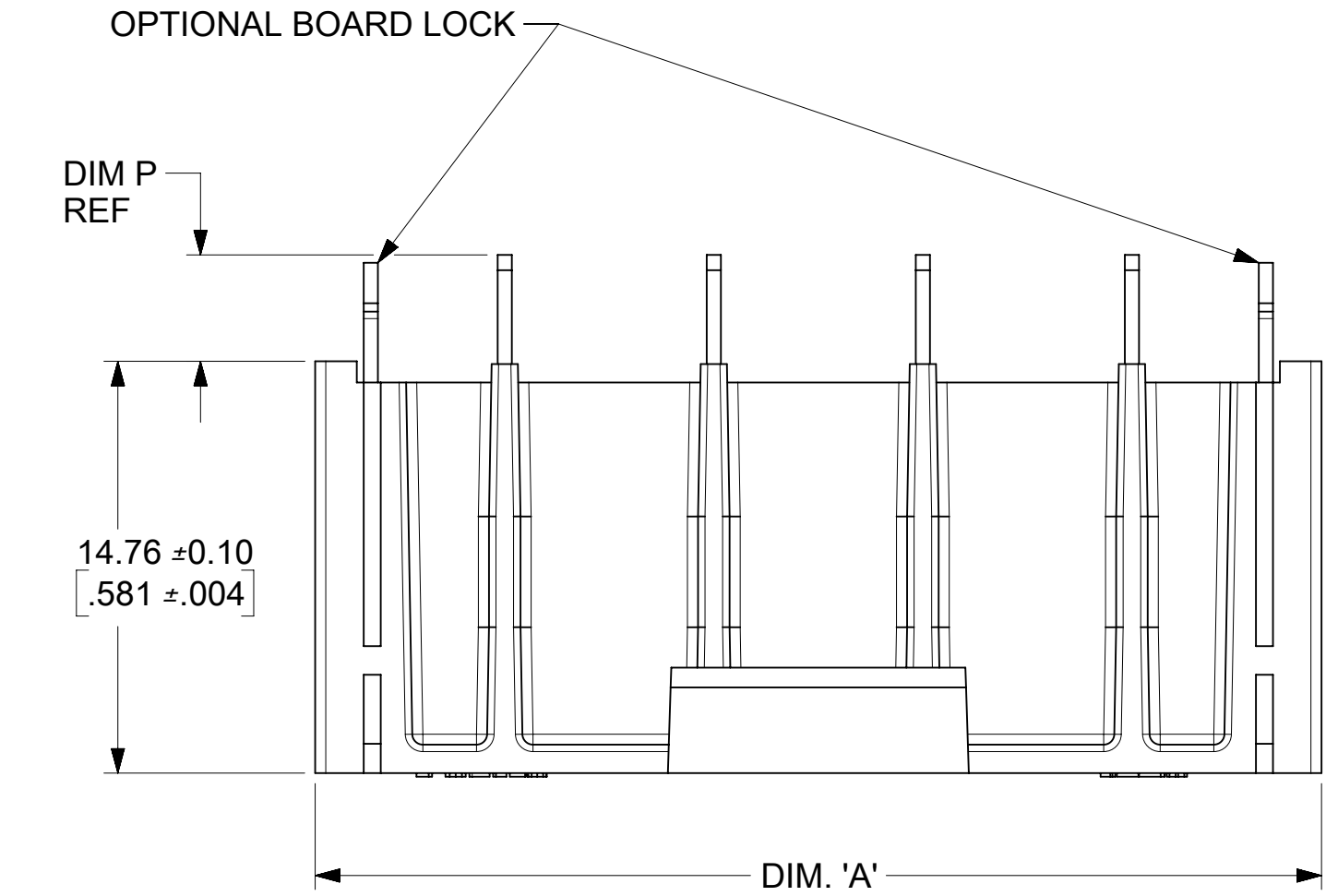


	12		11		10		9		8		7		6		5		4		3		2		1
CIRCUITS		DIM. 'A' ±	0.33 .013																				
2		21.08 .830																					
3		28.58 1.125																					
4		36.07 1.420																					
5		43.56 1.715																					
6		51.05 2.010																					
8		66.04 2.600																					



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

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

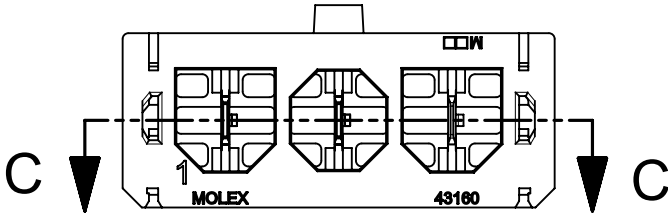
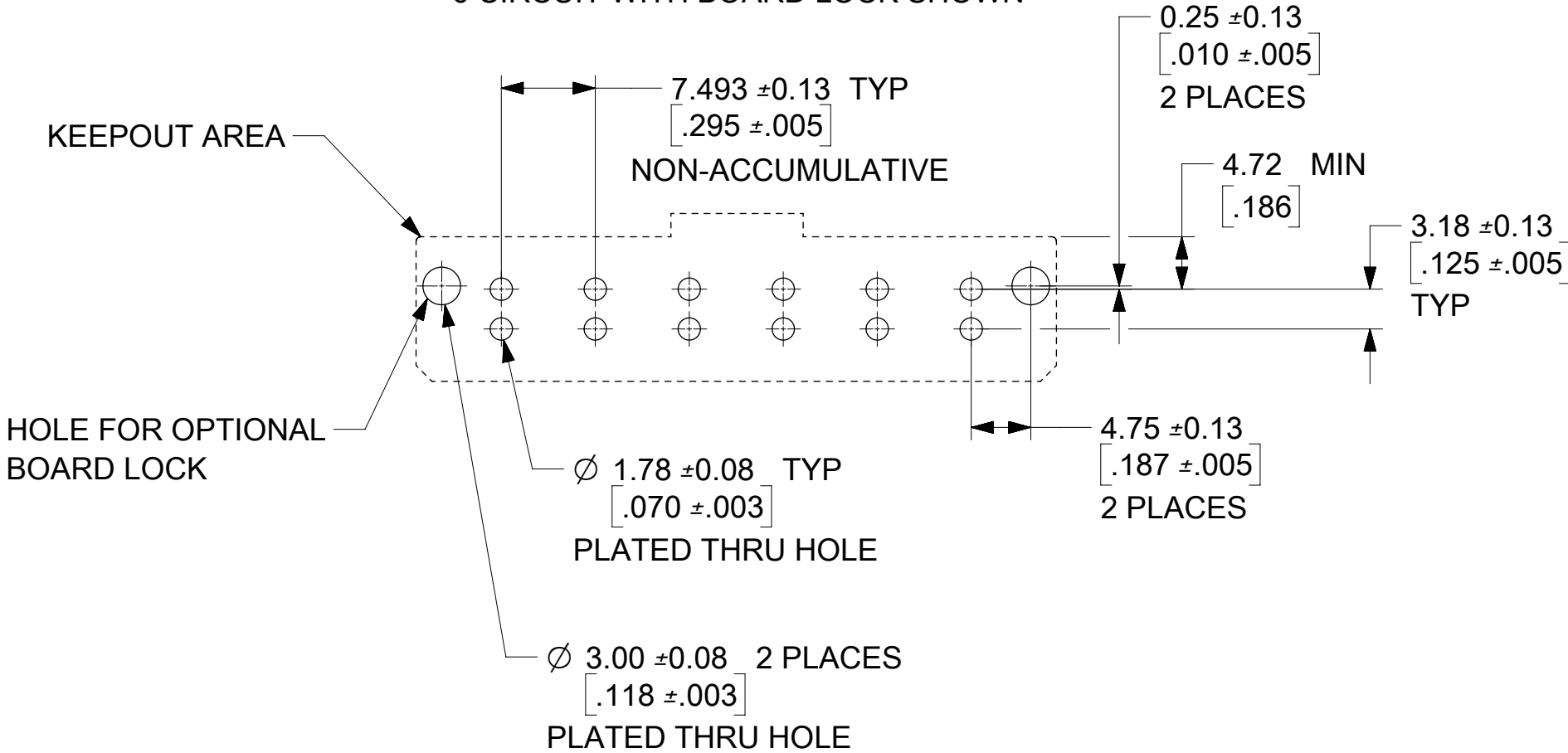
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK				molex				
		MM/IN		4:1										
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)								
	= 0													
	= 0	MM		INCH		EC NO: 637904 DRWN: BZAPPA 2020/05/19 CHK'D: MKIPPER 2020/05/21 APPR: FSMITH 2020/05/26								
		4 PLACES ± ±		± ±										
	= 0	3 PLACES ± ±		± 0.005		PRODUCT CUSTOMER DRAWING								
		2 PLACES ± 0.13 ± 0.01												
	= 0	1 PLACE ± 0.25 ±				INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
		0 PLACES ± ±								431600001-SD		PSD	000	A1
	= 0	ANGULAR TOL ± 0.5 °												
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
								C-SIZE	43160	SEE CHARTS		GENERAL MARKET		1 OF 5

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.

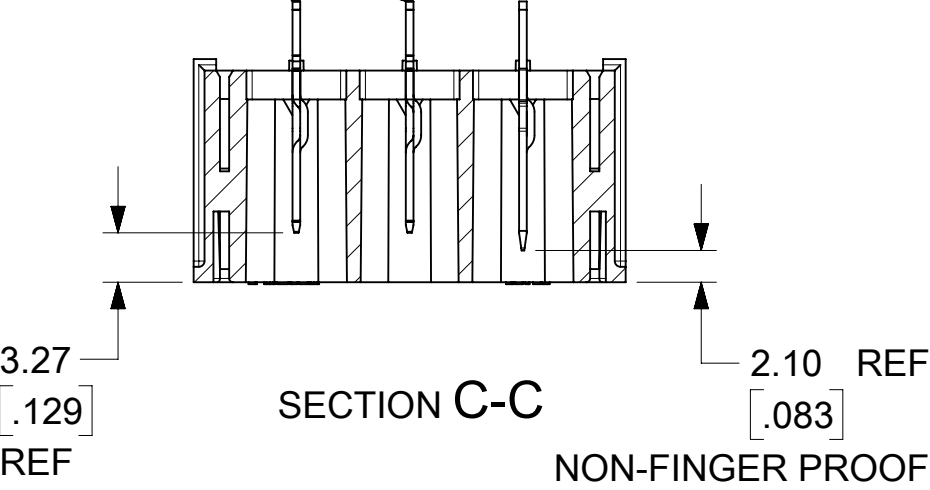
FINGER PROOF VERTICAL HEADER ASSEMBLIES						
ASSEMBLY PART NO.	CIRCUITS	FINGER PROOF TERMINAL CIRCUIT(S)	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.
43160-9002	3	1, 2	3.81/(.150) (SHORT TAIL)	NO	N/A	PK-43160-0010

RECOMMENDED P.C. BOARD LAYOUT
FOR VERTICAL HEADERS

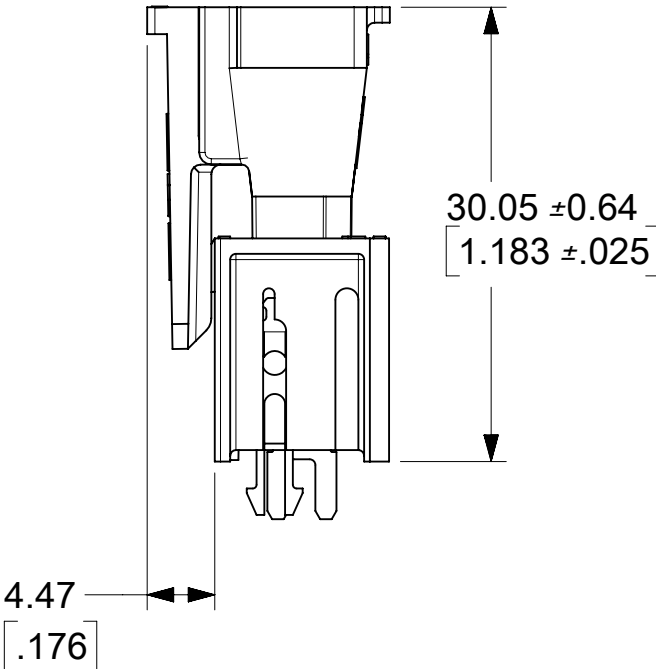
6 CIRCUIT WITH BOARD LOCK SHOWN



FINGER PROOF
TERMINALS



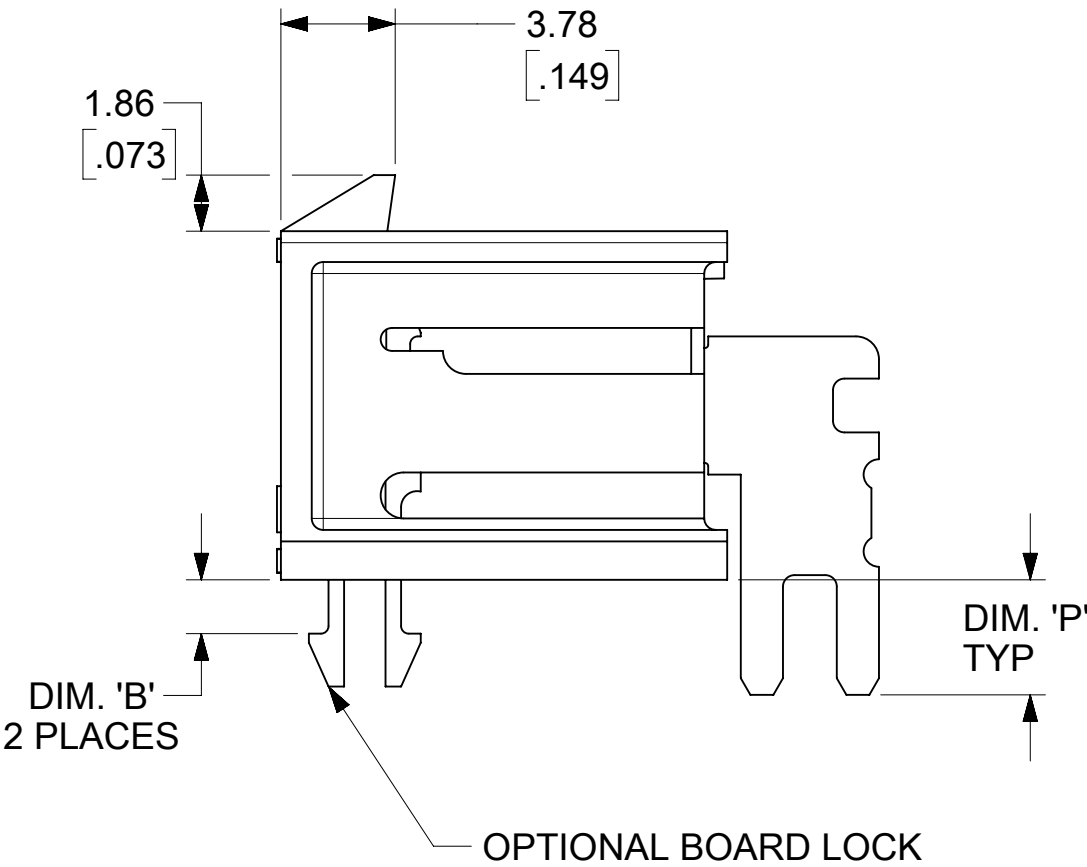
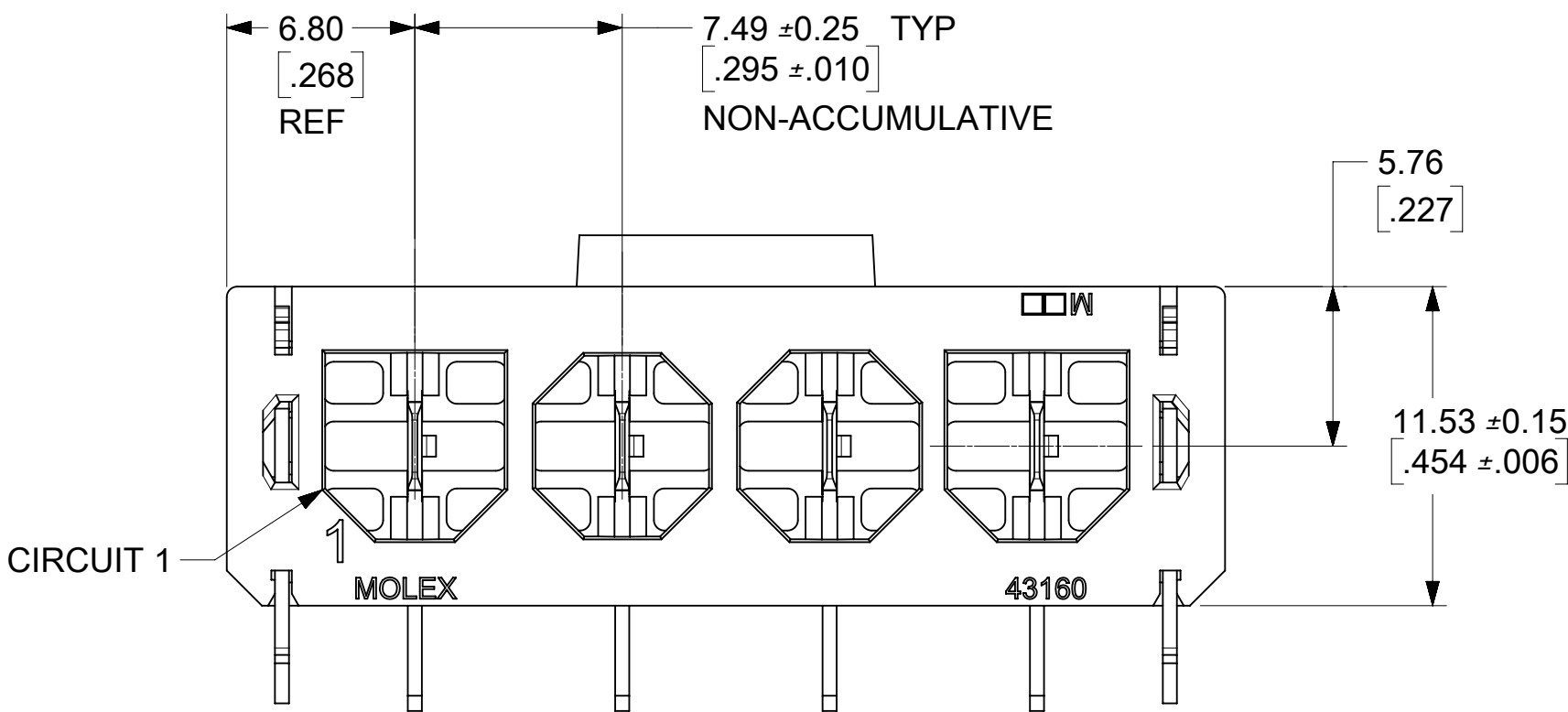
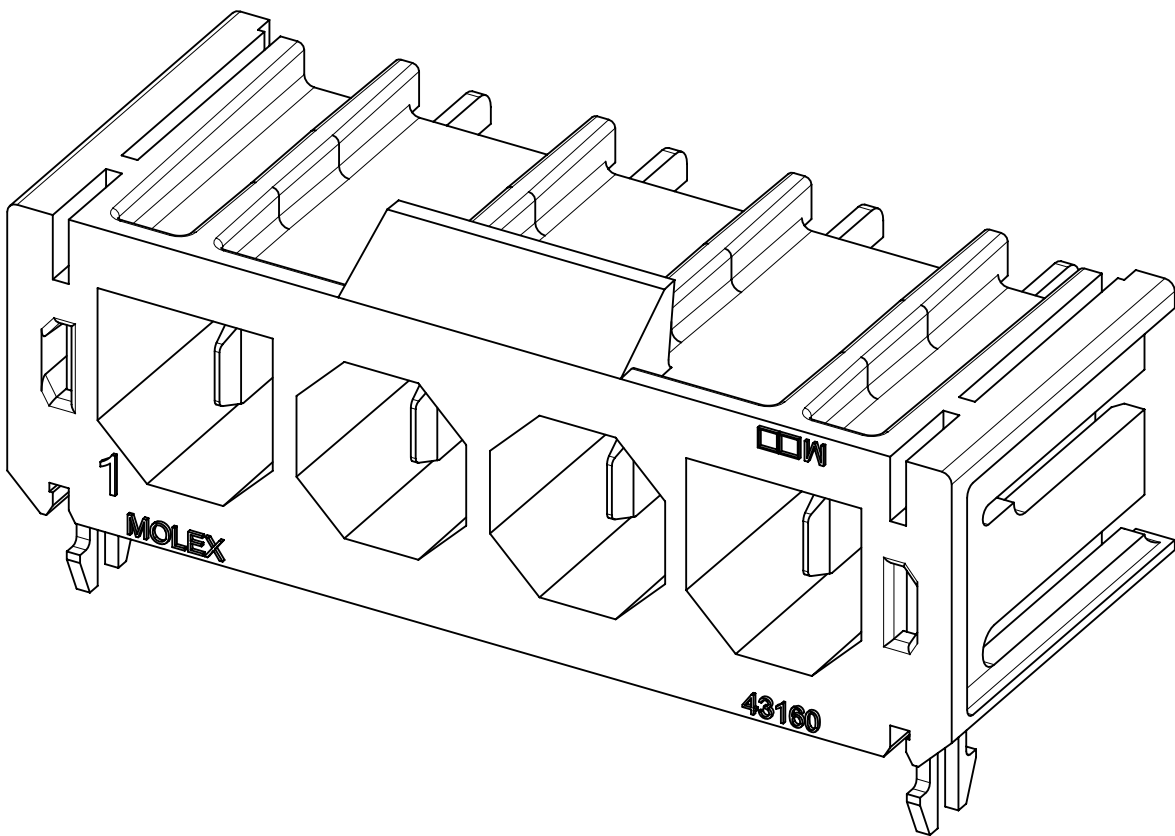
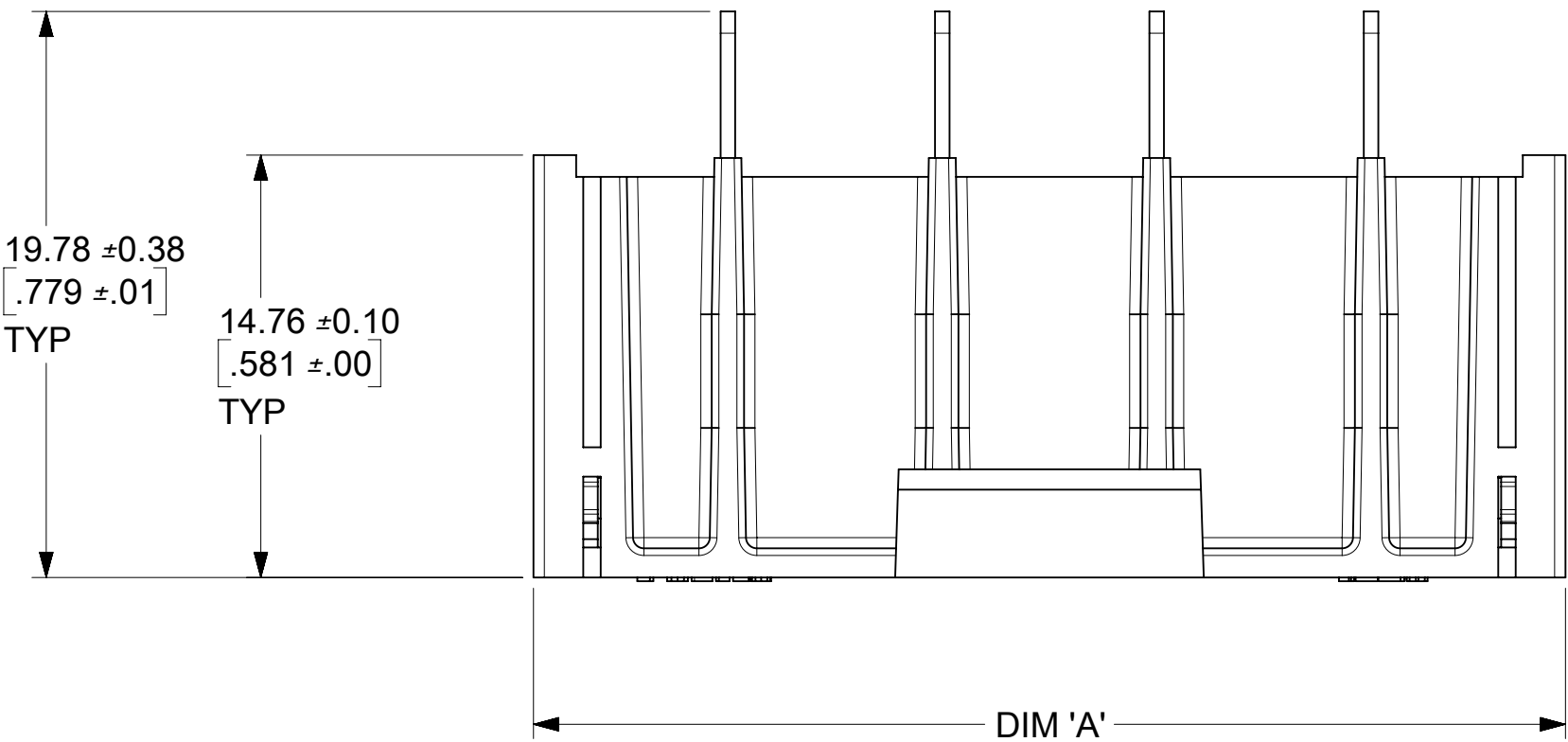
HEADER WITH OPTIONAL FINGER PROOF TERMINAL
43160-9002 SHOWN



MATED DIMENSIONS
VERTICAL HEADERS

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 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK			molex								
	MM/IN		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
			MM		INCH		EC NO: 637904			SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)						
	4 PLACES		±		±	DRWN: BZAPPA 2020/05/19										
	3 PLACES		±		±	0.005	CHK'D: MKIPPER 2020/05/21									
	2 PLACES		±	0.13	±	0.01	APPR: FSMITH 2020/05/26									
	1 PLACE		±	0.25	±	INITIAL REVISION:			PRODUCT CUSTOMER DRAWING							
	0 PLACES		±		±	DRWN: MKIPPER 2019/09/06										
	ANGULAR TOL		±	0.5 °	APPR: FSMITH 2019/09/17											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
					C-SIZE		43160		SEE CHARTS		GENERAL MARKET		2 OF 5			
									DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
									431600001-SD		PSD		000		A1	

12		11	10	9	8	7	6	5	4	3	2	1
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											



DOCUMENT STATUS	P1	RELEASE DATE	2020/05/26	17:59:01
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12	11	10	9	8	7	6	5	4	3	2	1
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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: CORRECTED DIMENSION UNITS IN TITLE BLOCK				molex SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125(3.18) X .020(0.51)						
	MM/IN		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
			MM		INCH		EC NO: 637904 DRWN: BZAPPA 2020/05/19 CHK'D: MKIPPER 2020/05/21 APPR: FSMITH 2020/05/26								
	4 PLACES ±		±												
	3 PLACES ±		± 0.005												
	2 PLACES ±		± 0.13 ± 0.01		INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17										
	1 PLACE ±		± 0.25 ±												
	0 PLACES ±		±												
	ANGULAR TOL ± 0.5 °				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		
				431600001-SD				PSD		000		A1			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		43160		SEE CHARTS		GENERAL MARKET		3 OF 5	

RIGHT ANGLE HEADER ASSEMBLIES					
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± 0.28 .011	BOARD LOCK	DIM. 'B' ± 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

6 CIRCUIT SHOWN

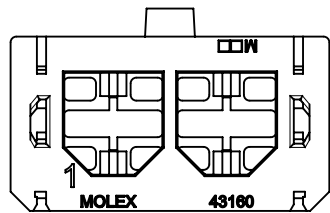
MATED DIMENSIONS RIGHT ANGLE HEADERS

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

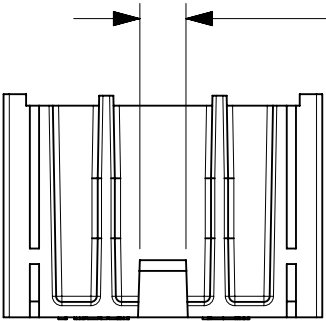
DOCUMENT STATUS	P1	RELEASE DATE	2020/05/26	17:59:01
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SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK		
	MM/IN		2:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)						
	▽A = 0			MM	INCH	EC NO: 637904 DRWN: BZAPPA 2020/05/19 CHK'D: MKIPPER 2020/05/21 APPR: FSMITH 2020/05/26	
	▽E = 0						
	▽E = 0						
	▽S = 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		
▽ = 0	1 PLACE	±	0.25	±	THIRD ANGLE PROJECTION DRAWING SERIES		
☒ = 0	0 PLACES	±		±			
■ = 0	ANGULAR TOL ± 0.5 °						
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER SEE CHARTS	CUSTOMER GENERAL MARKET	SHEET NUMBER 4 OF 5

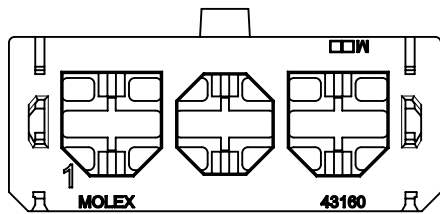
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
431600001-SD	PSD	000	A1



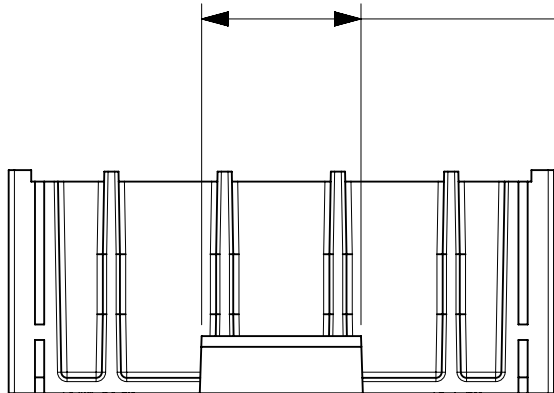
2 CIRCUITS



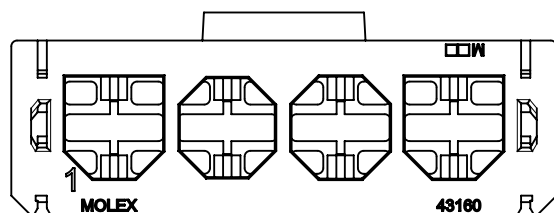
3.05
.120
2 AND 3 CIRCUIT



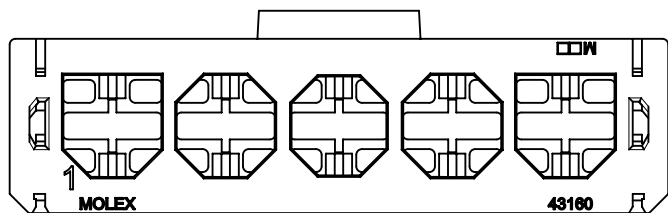
3 CIRCUITS



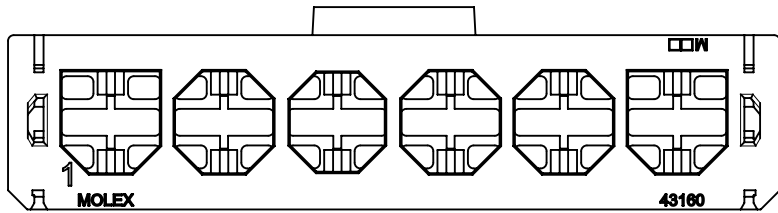
10.54
.415
4 CIRCUIT AND UP



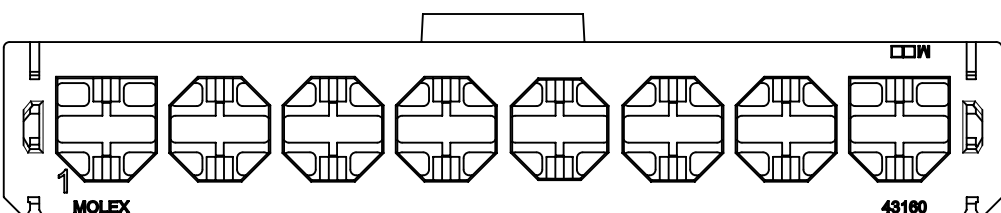
4 CIRCUITS



5 CIRCUITS

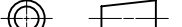


6 CIRCUITS



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: CORRECTED DIMENSION UNITS IN TITLE BLOCK					molex											
	MM/IN		2:1																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 637904 DRWN: BZAPPA 2020/05/19 CHK'D: MKIPPER 2020/05/21 APPR: FSMITH 2020/05/26					SABRE HEADER ASSEMBLY 2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)													
																					
			MM		INCH		INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
	4 PLACES ±		±		±							431600001-SD		PSD	000	A1					
	3 PLACES ±		±		0.005		PRODUCT CUSTOMER DRAWING														
	2 PLACES ±		0.13		0.01																
	1 PLACE ±		0.25		±		THIRD ANGLE PROJECTION					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	0 PLACES ±																				
	ANGULAR TOL		±		0.5 °							C-SIZE		43160		SEE CHARTS		GENERAL MARKET		5 OF 5	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																				

Mouser Electronics

Authorized Distributor

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

Molex:

43160-5105