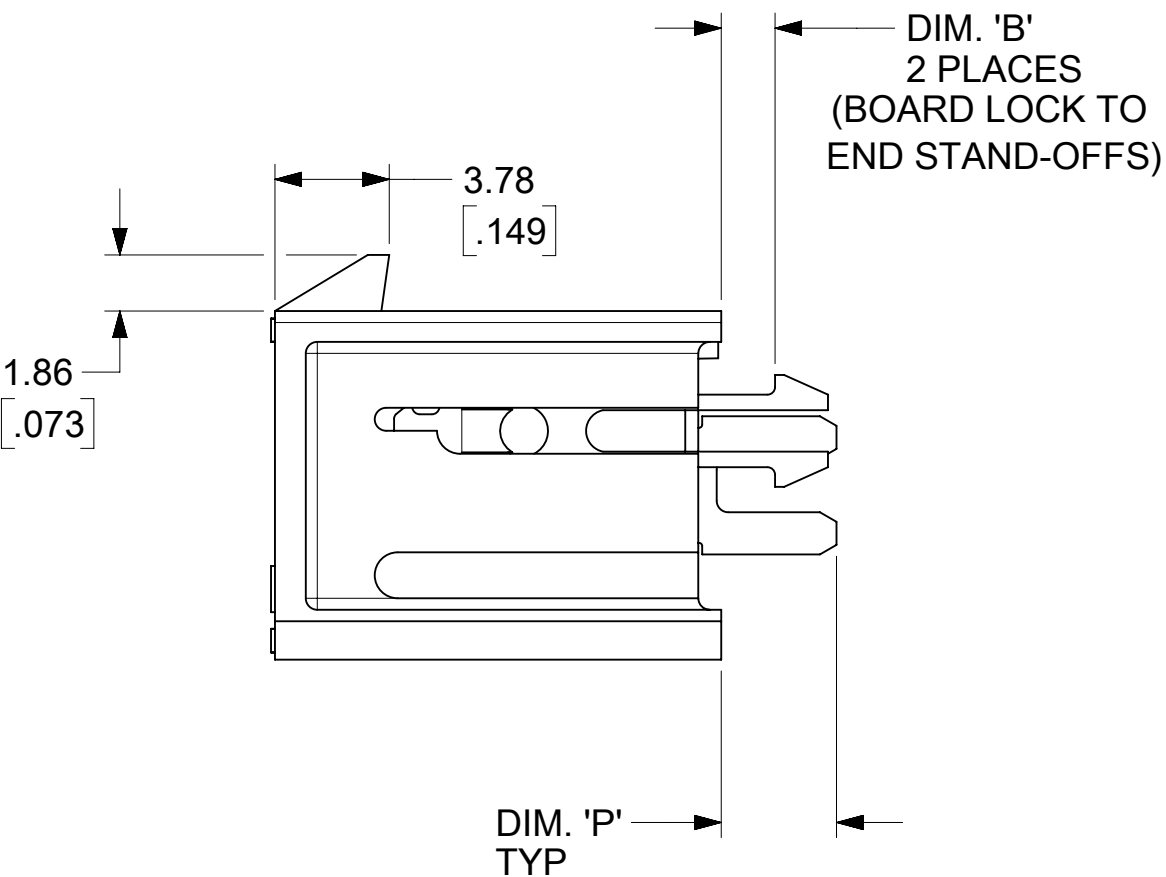
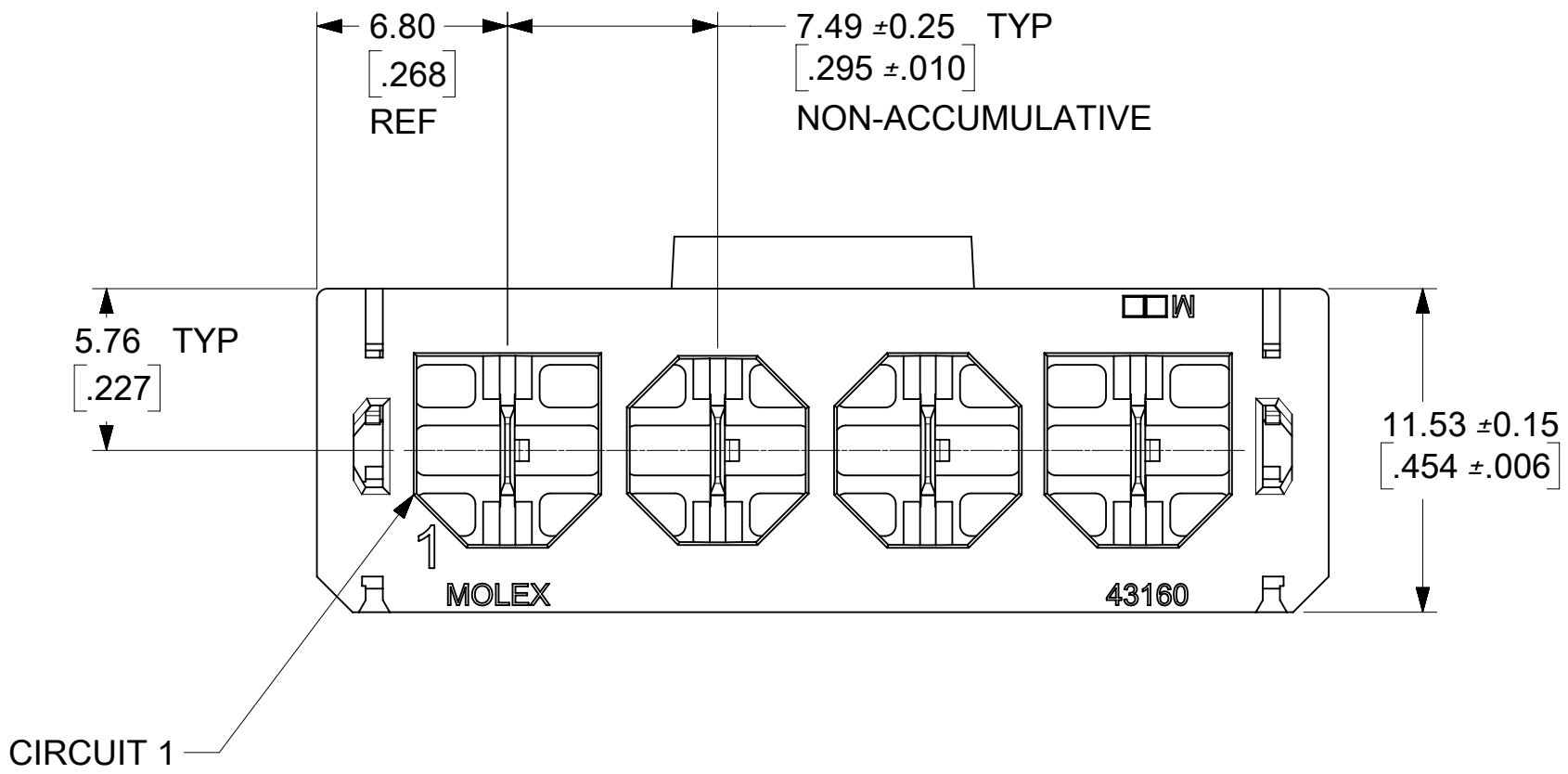
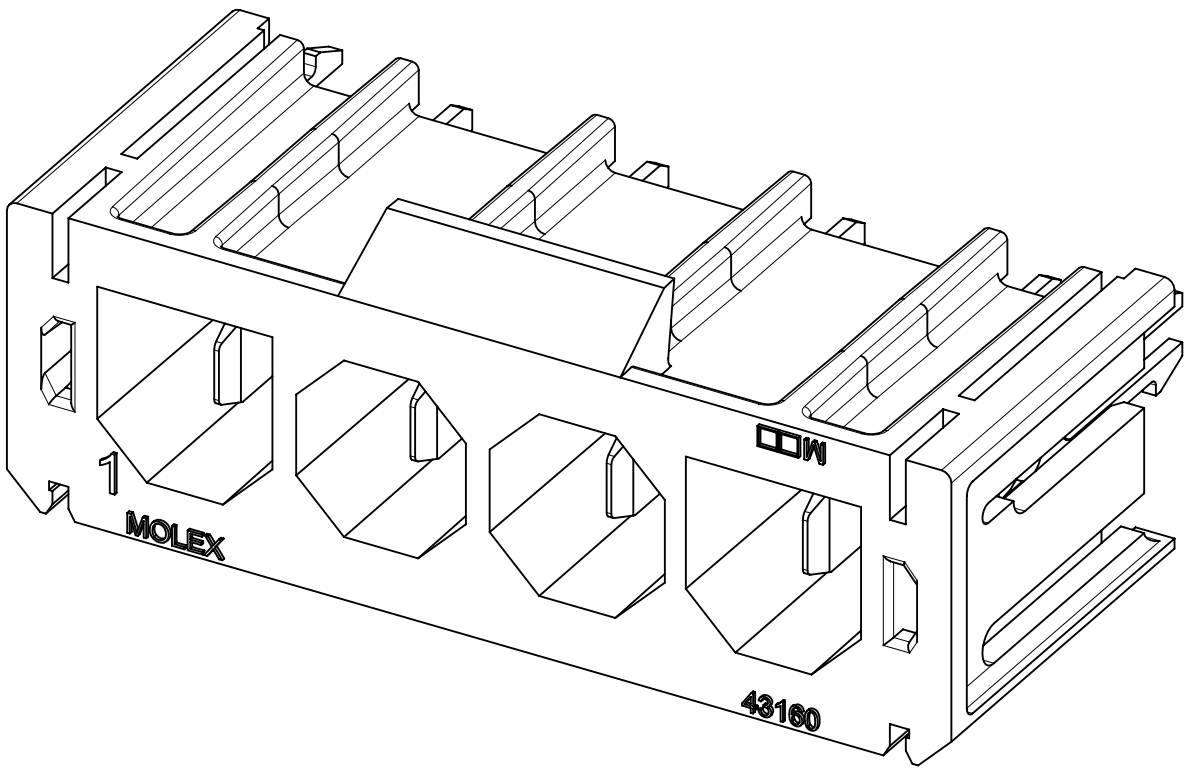
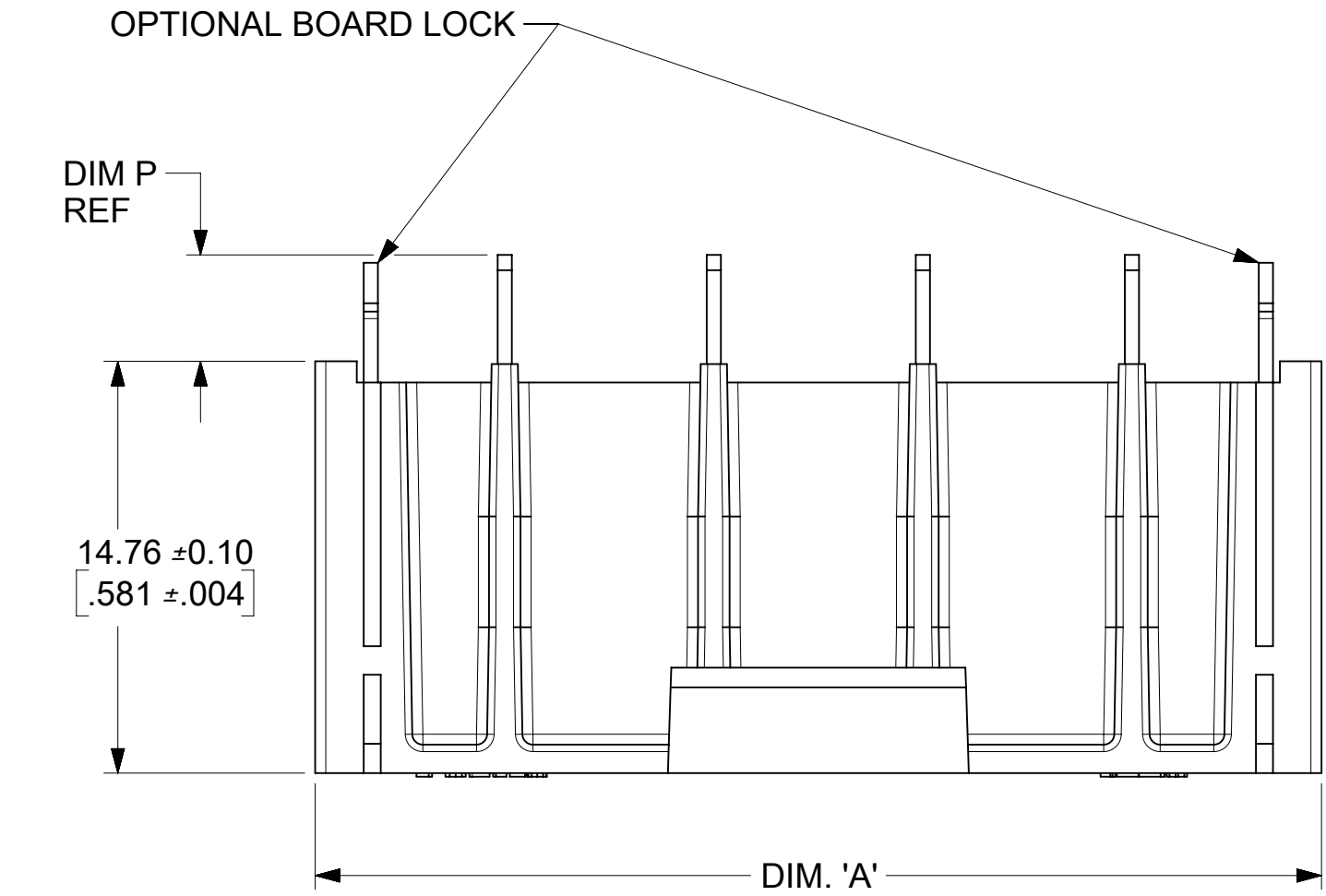


	12		11		10		9		8		7		6		5		4		3		2		1
CIRCUITS		DIM. 'A'	$\pm \frac{0.33}{.013}$																				
2		$\frac{21.08}{.830}$																					
3		$\frac{28.58}{1.125}$																					
4		$\frac{36.07}{1.420}$																					
5		$\frac{43.56}{1.715}$																					
6		$\frac{51.05}{2.010}$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



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)				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)				
	= 0													
	= 0	MM		INCH		INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17				DOCUMENT NUMBER 431600001-SD		DOC TYPE PSD	DOC PART 000	REVISION A1
		4 PLACES ± ±		± ±										
	= 0	3 PLACES ± ±		± 0.005		PRODUCT CUSTOMER DRAWING								
		2 PLACES ± 0.13 ± 0.01		± ±										
	= 0	1 PLACE ± ±		± ±		DOCUMENT NUMBER 431600001-SD				DOC TYPE PSD	DOC PART 000	REVISION A1		
		0 PLACES ± ±		± ±										
	= 0	ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 43160	MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												
	= 0													
	= 0													

DOCUMENT STATUS	P1	RELEASE DATE	2020/05/26	17:59:01
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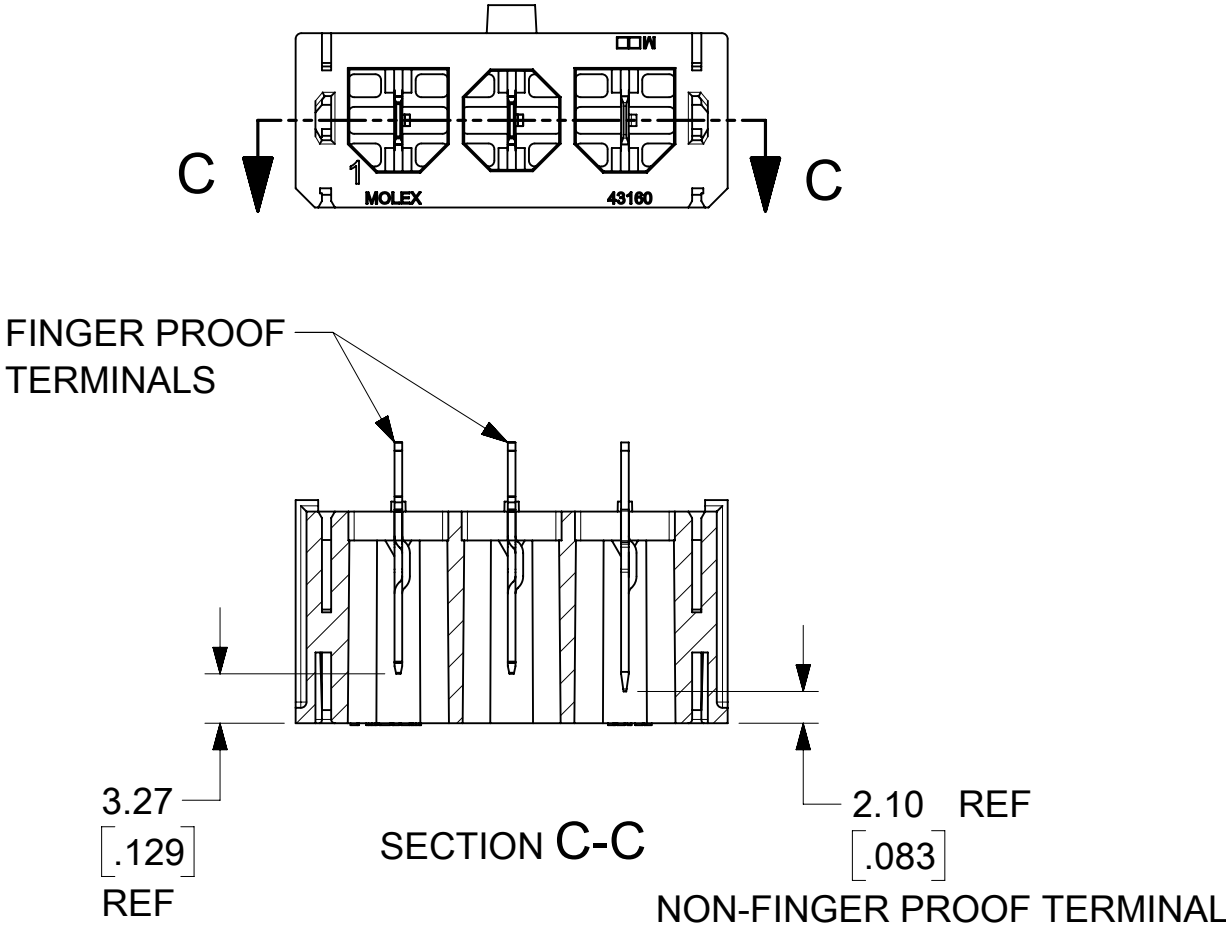
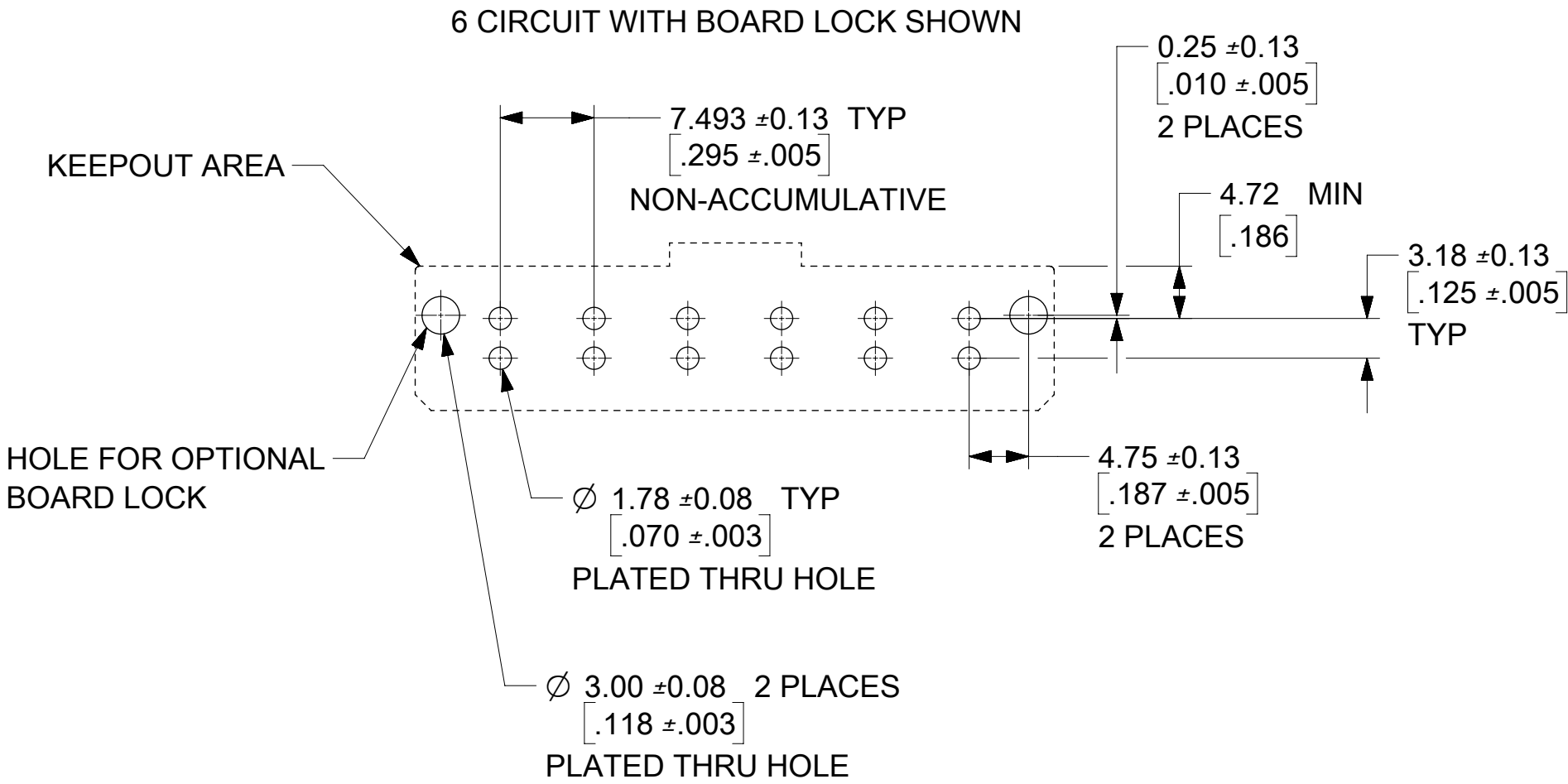
THIS DRAWING REPLACES SDA-43160-****

12		11		10		9		8		7		6		5		4		3		2		1
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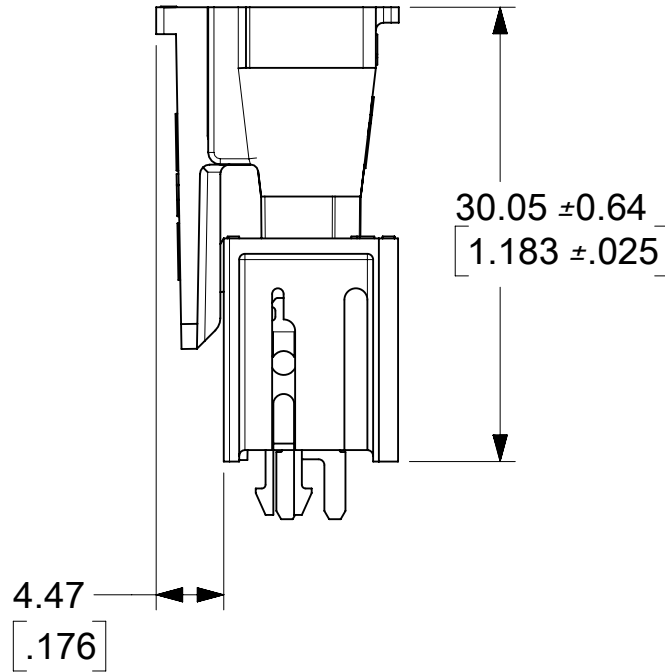
VERTICAL HEADER ASSEMBLIES					
ASSEMBLY PART NO.	CIRCUITS	DIM. 'P' ± $\frac{0.51}{.020}$	BOARD LOCK	DIM. 'B' ± $\frac{0.10}{.004}$	PACKAGING SPEC.
43160-0102	2	3.81/(.150) (SHORT TAIL)	NO	N/A	PK-43160-0010
43160-0103	3				
43160-0104	4				
43160-0105	5				
43160-0106	6				
43160-0108	8				
43160-0302	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

RECOMMEDED P.C. BOARD LAYOUT
FOR VERTICAL HEADERS



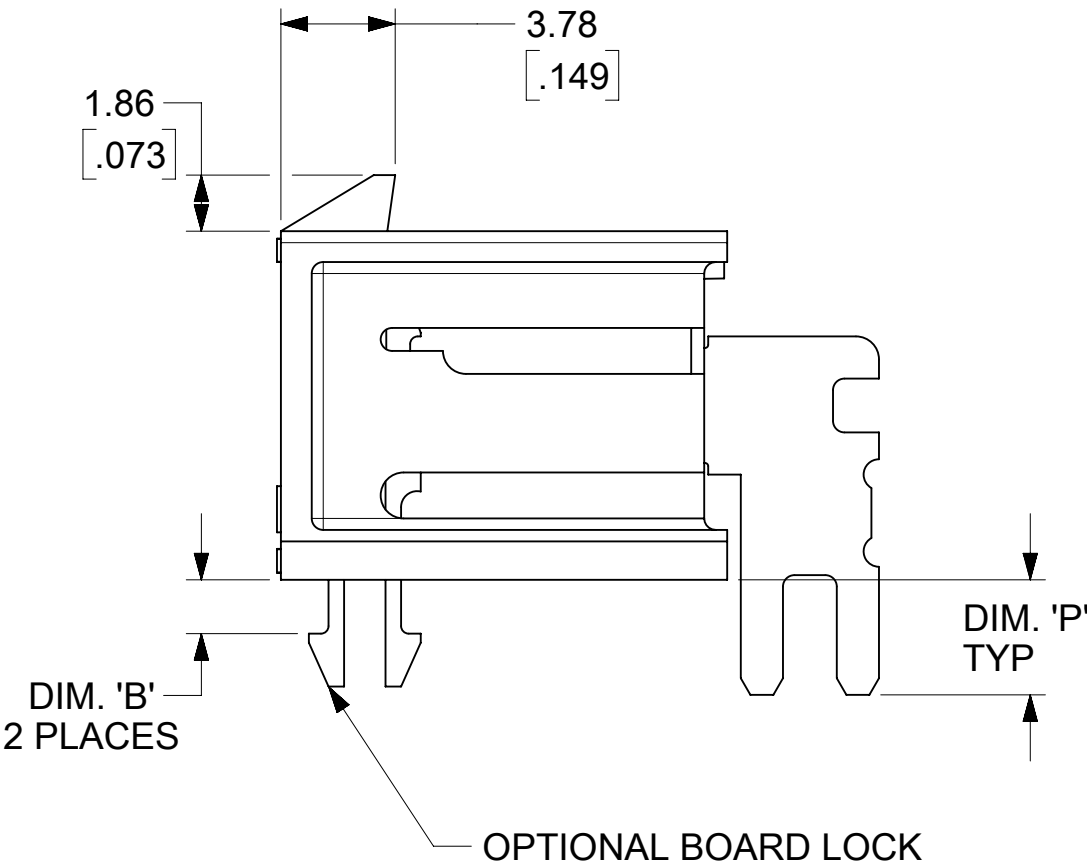
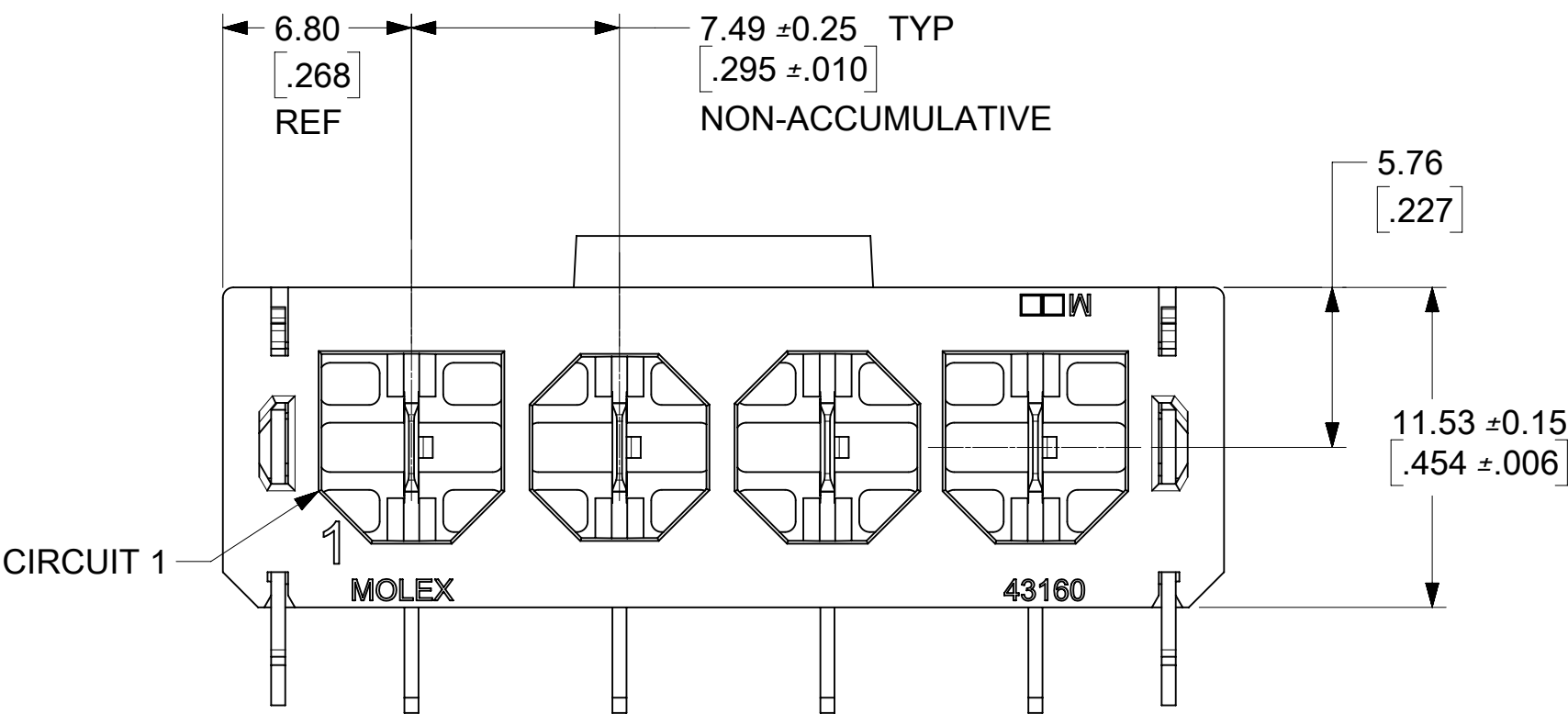
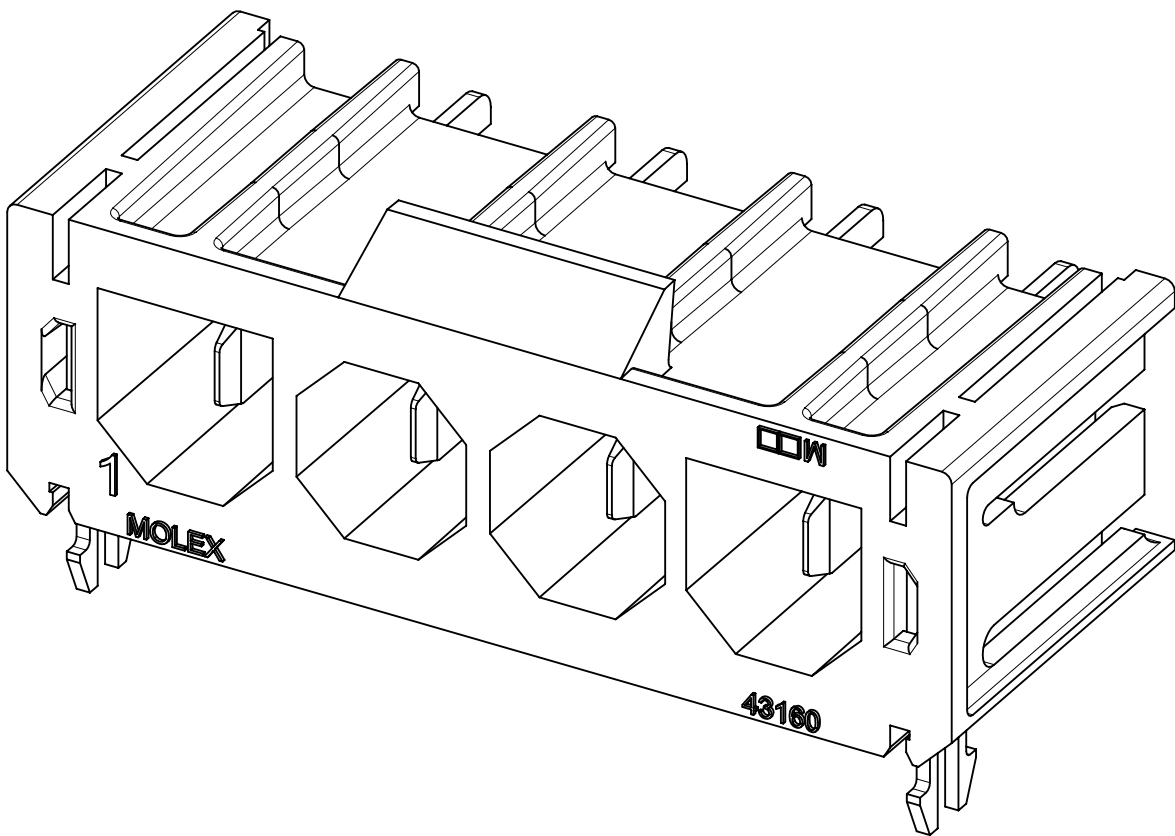
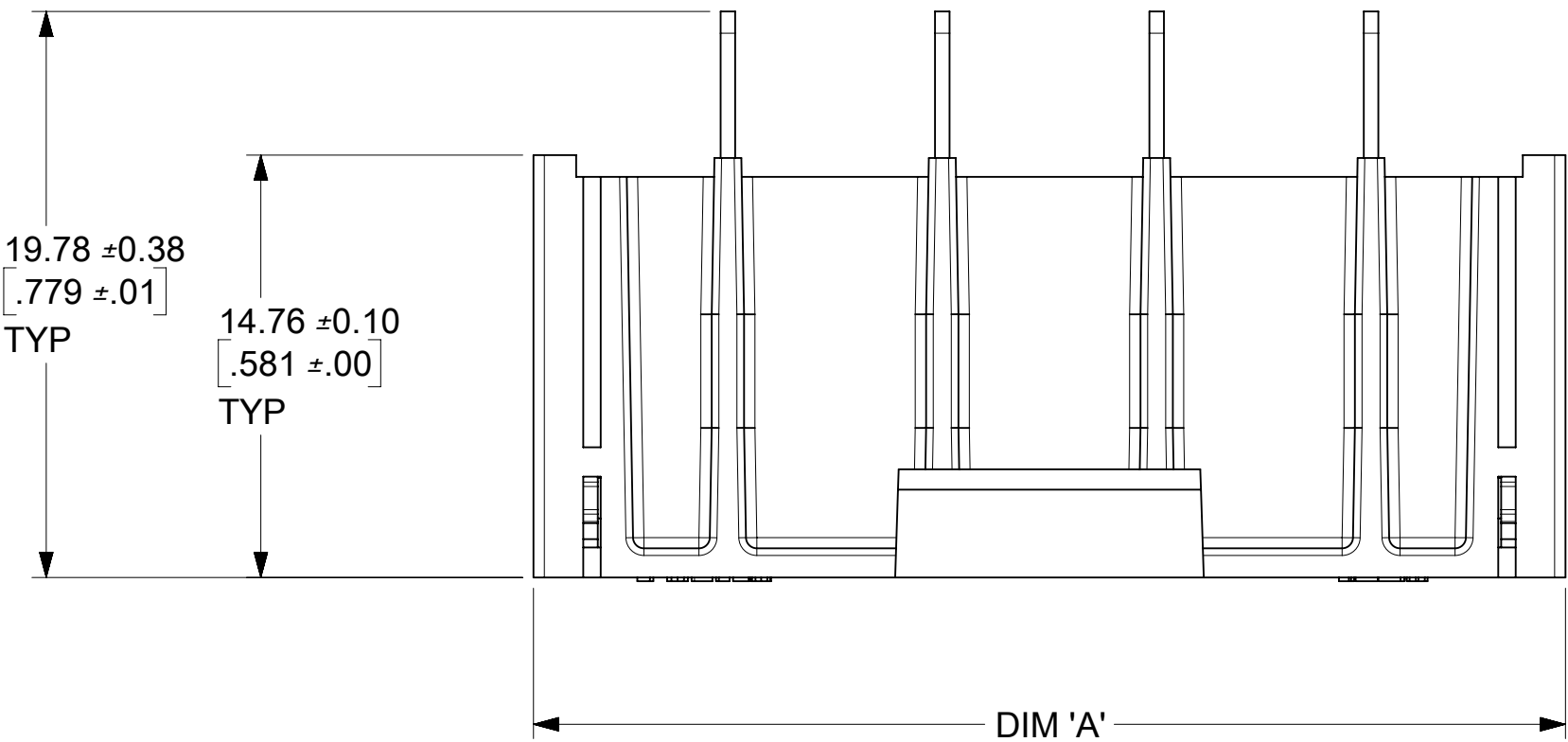
HEADER WITH OPTIONAL FINGER PROOF TERMINAL
43160-9002 SHOWN



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	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK				molex				
		MM/IN		2:1										
	= 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 °				THIRD ANGLE PROJECTION  DRAWING C-SIZE SERIES 43160 MATERIAL NUMBER SEE CHARTS CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 5								
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

12		11
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																	
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK				molex								
		MM/IN		4:1														
	= 0	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)								
	= 0																	
	= 0	4 PLACES		±		±	INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	= 0	3 PLACES		±		± 0.005					431600001-SD		PSD	000	A1			
	= 0	2 PLACES		±	0.13	± 0.01	THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 43160		MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 5	
	= 0	1 PLACE		±	0.25	±												
	= 0	0 PLACES		±		±												
	= 0	ANGULAR TOL				± 0.5 °												
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																

DOCUMENT STATUS	P1	RELEASE DATE	2020/05/26	17:59:01
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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

OPTIONAL VOIDED CIRCUIT

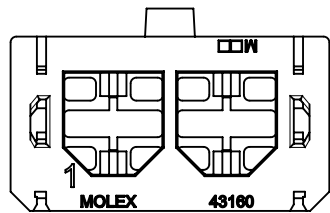
MATED DIMENSIONS RIGHT ANGLE HEADERS

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

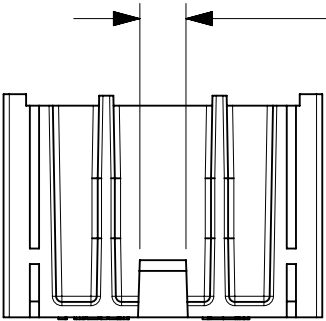
DOCUMENT STATUS	P1	RELEASE DATE	2020/05/26	17:59:01
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SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK
	MM/IN		2:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 637904 DRWN: BZAPPA 2020/05/19 CHK'D: MKIPPER 2020/05/21 APPR: FSMITH 2020/05/26
			MM	INCH	
	4 PLACES ±	±	±	±	INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17
	3 PLACES ±	±	±	± 0.005	
	2 PLACES ±	±	0.13	± 0.01	DOCUMENT NUMBER 431600001-SD MATERIAL NUMBER SEE CHARTS
	1 PLACE ±	±	0.25	±	
	0 PLACES ±	±	±	±	CUSTOMER GENERAL MARKET
ANGULAR TOL ± 0.5 °	±	0.5 °		SHEET NUMBER 4 OF 5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			

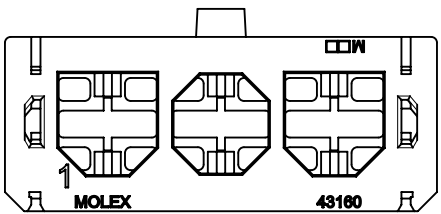
DRAWING	SERIES
C-SIZE	43160



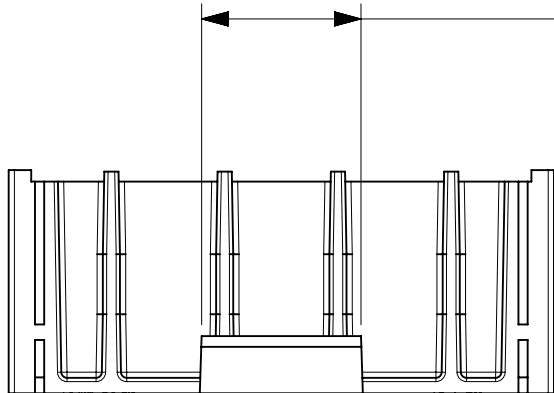
2 CIRCUITS



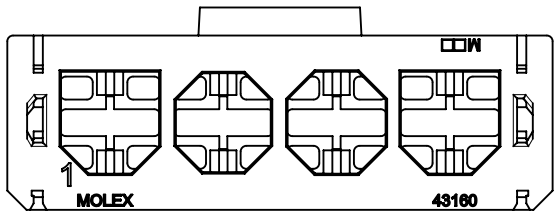
3.05
.120
2 AND 3 CIRCUIT



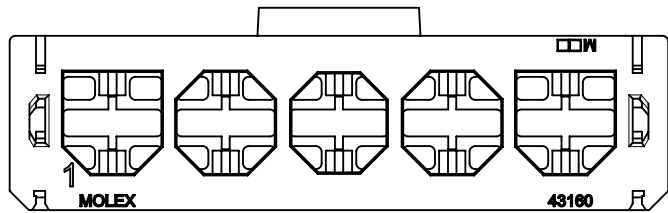
3 CIRCUITS



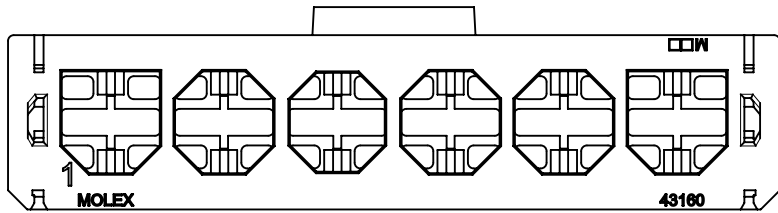
10.54
.415
4 CIRCUIT AND UP



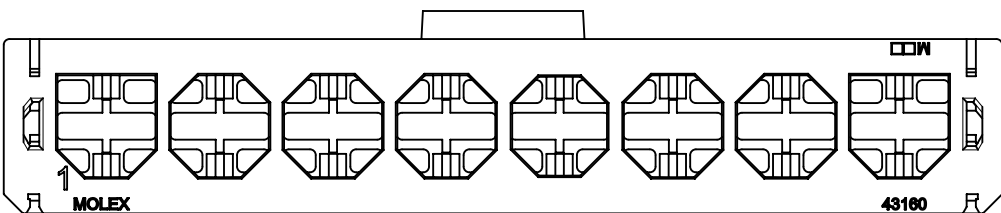
4 CIRCUITS



5 CIRCUITS

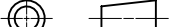
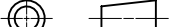
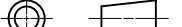
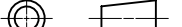


6 CIRCUITS



8 CIRCUITS

POLARIZATION

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECTED DIMENSION UNITS IN TITLE BLOCK					molex										
	MM/IN		2:1																	
 = 0	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)										
 = 0																				
 = 0	MM		INCH		INITIAL REVISION: DRWN: MKIPPER 2019/09/06 APPR: FSMITH 2019/09/17					DOCUMENT NUMBER 431600001-SD		DOC TYPE PSD	DOC PART 000	REVISION A1						
	4 PLACES ± ±																			
 = 0	3 PLACES ± ± 0.005				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION  C-SIZE 43160					MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 5	
	2 PLACES ± 0.13 ± 0.01																			
 = 0	1 PLACE ± 0.25 ±				THIRD ANGLE PROJECTION  C-SIZE 43160					MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 5						
	0 PLACES ± ±																			
 = 0	ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION  C-SIZE 43160					MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 5						
 = 0																				
 = 0					THIRD ANGLE PROJECTION  C-SIZE 43160					MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 5						
 = 0																				

SABRE HEADER ASSEMBLY
2-6 & 8 CIRCUIT .125/(3.18) X .020/(0.51)

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHARTS	GENERAL MARKET	5 OF 5

Mouser Electronics

Authorized Distributor

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

Molex:

43160-4104