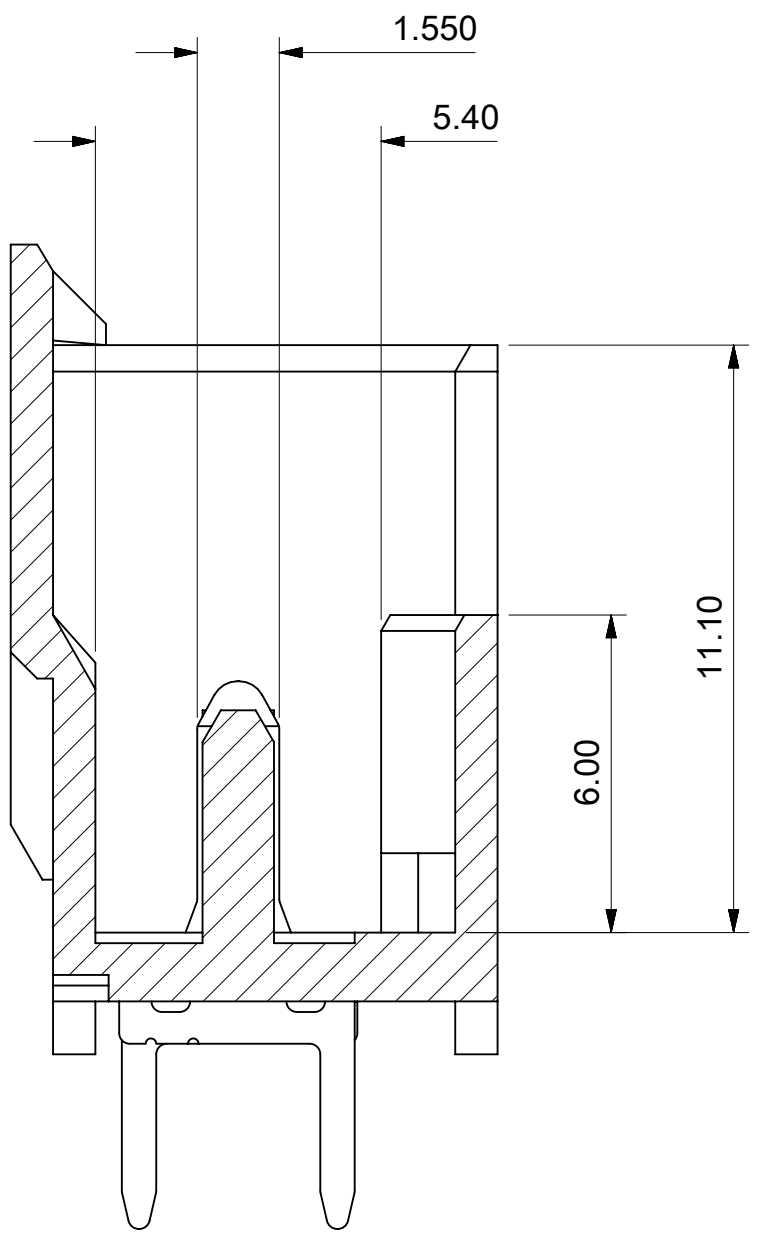
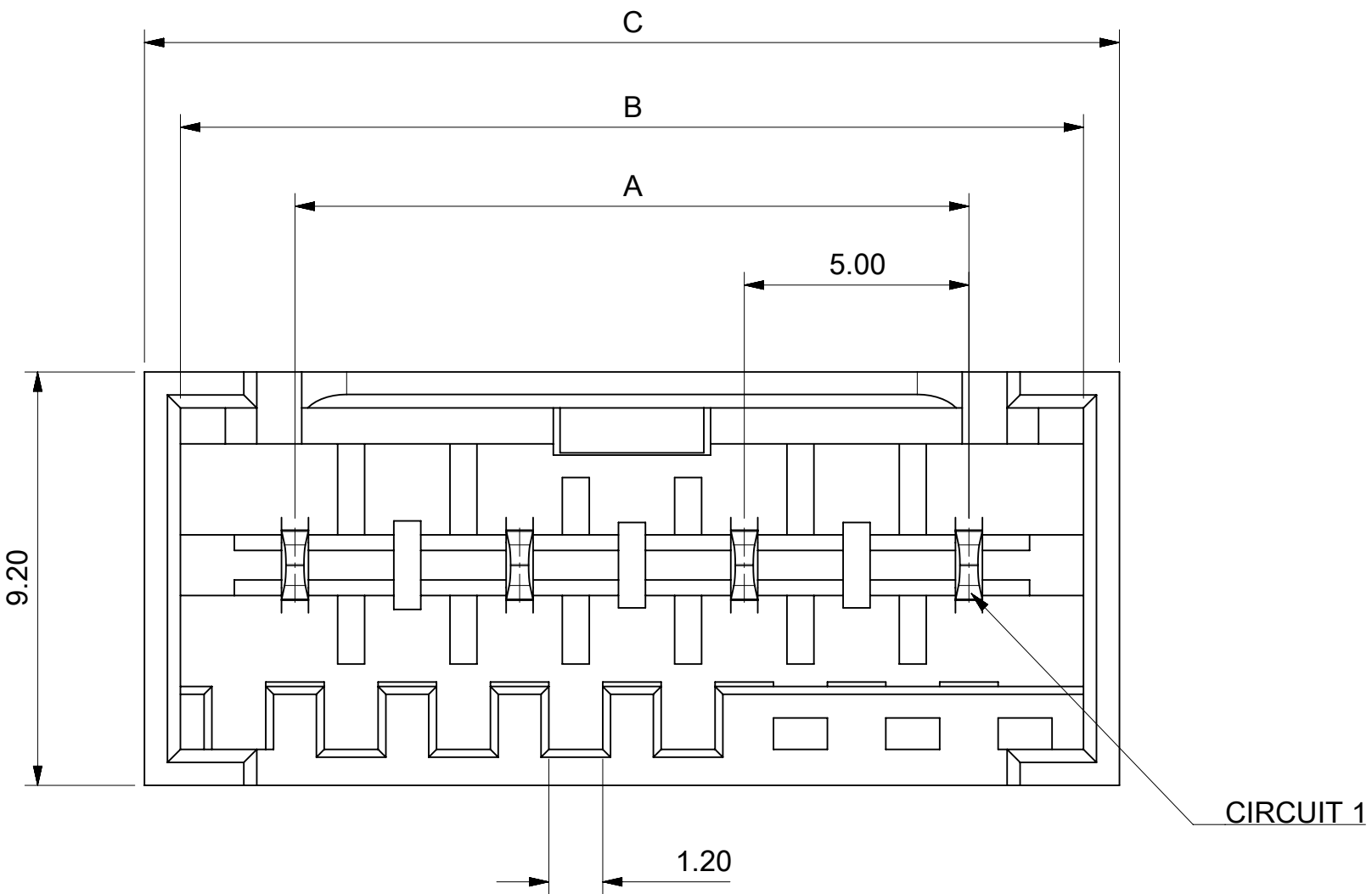
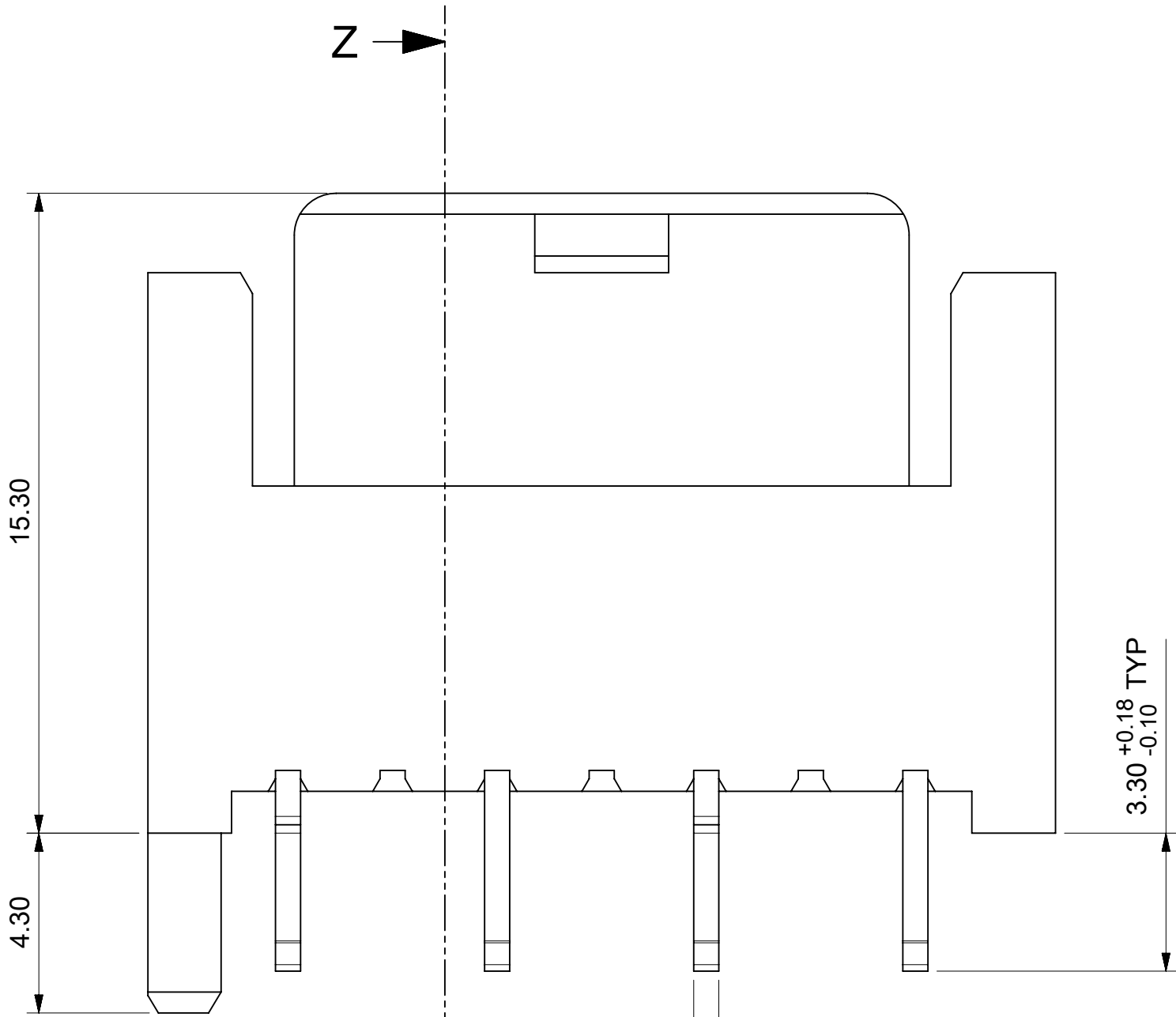


CKT	A	B	C
2	5.0	10.1	11.7
3	10.0	15.1	16.7
4	15.0	20.1	21.7
5	20.0	25.1	26.7
6	25.0	30.1	31.7
7	30.0	35.1	36.7
8	35.0	40.1	41.7



SECTION Z-Z

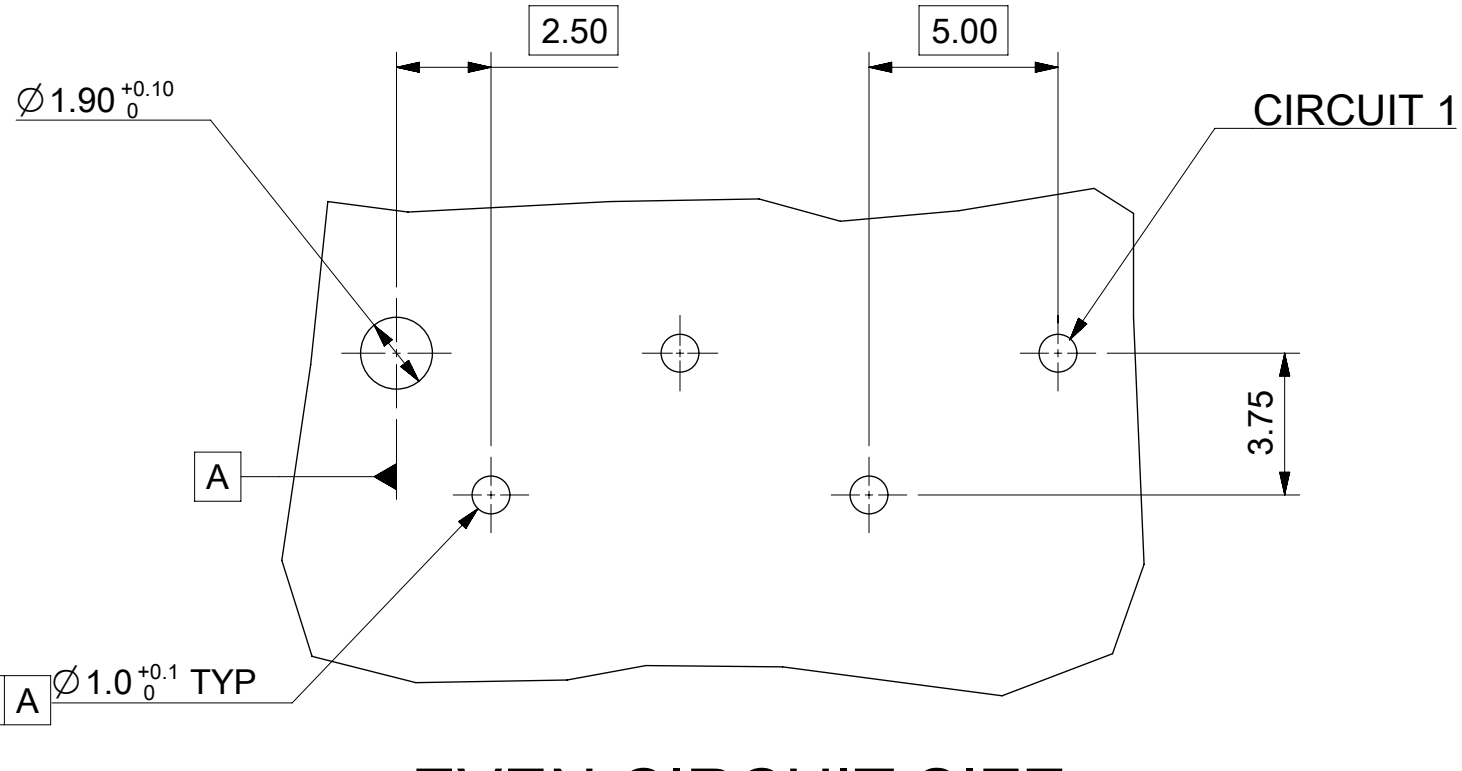


ASSEMBLY WITHOUT LATCH
(OPTIONAL)

NOTES:

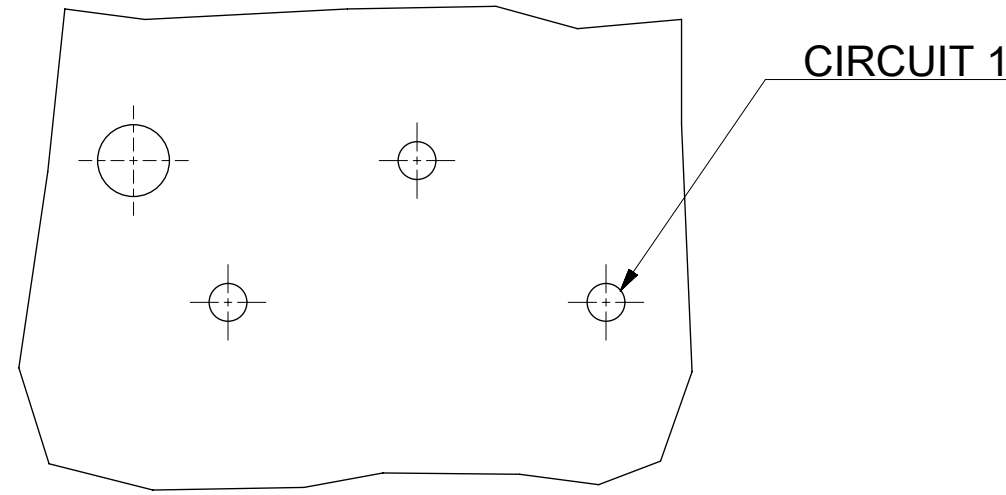
1. MATERIAL: HOUSING - PA66 25% G/F, UL94 V-0
PA66 25% G/F, UL94 V-0
COLOUR: NATURAL
TERMINAL - BRASS
PLATING - 3-7µm Sn over 1.27µm Min Ni
2. PARTS PACKED AS PER PK-93070-001
3. PRODUCT SPECIFICATION: PS-99039-0040
4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/06	11:17:30
-----------------	----	--------------	------------	----------

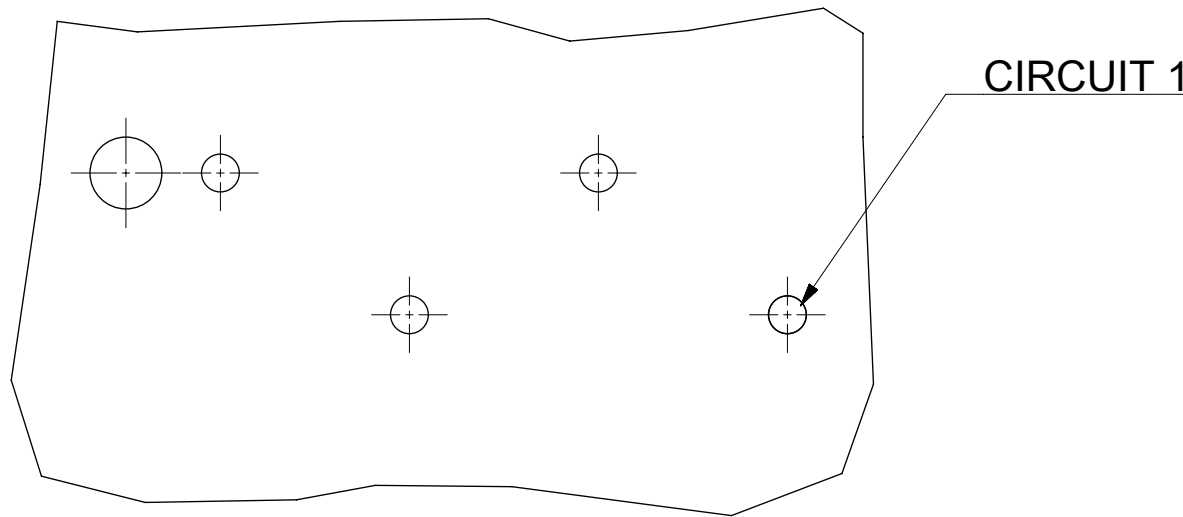


EVEN CIRCUIT SIZE

STANDARD PCBS

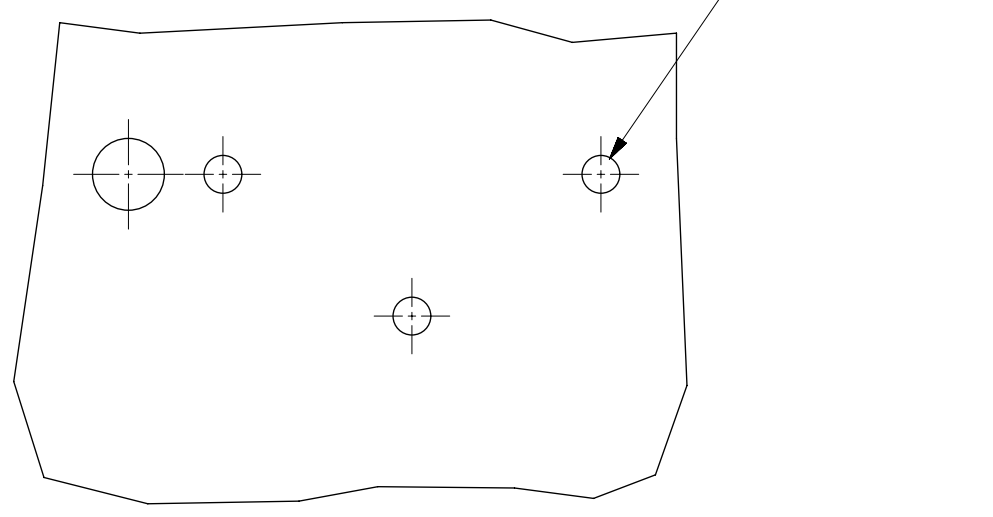


ODD CIRCUIT SIZE

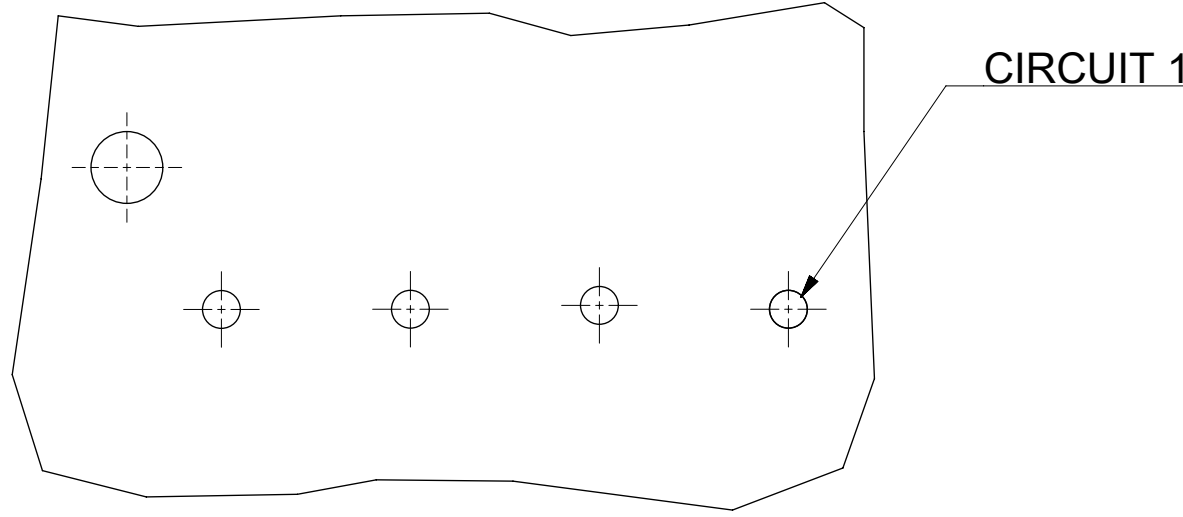


EVEN CIRCUIT SIZE

RECOMMENDED OPPOSITE PCBS

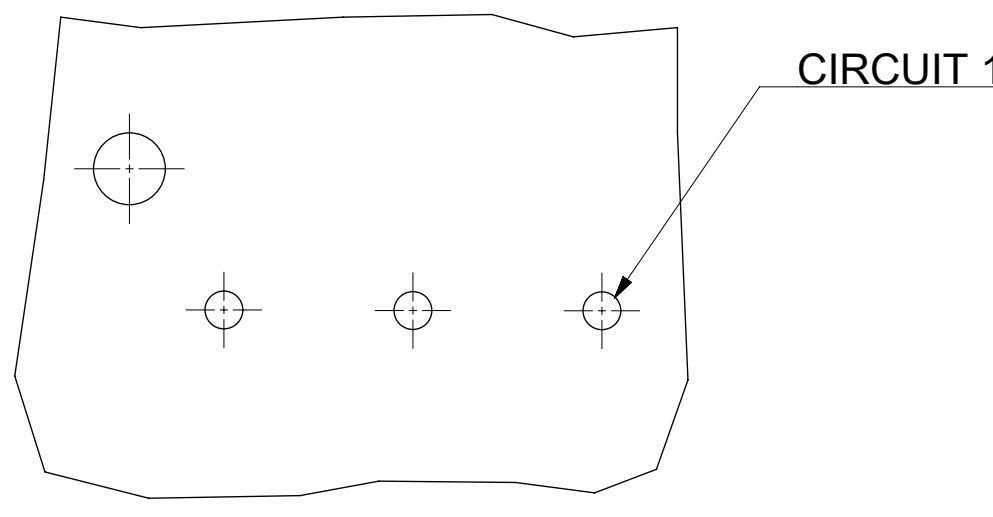


ODD CIRCUIT SIZE



EVEN CIRCUIT SIZE

OPTION 'C' PCB LAYOUT



ODD CIRCUIT SIZE

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:				molex	
mm		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 736758 DRWN: MBN02 2022/06/22 CHK'D: RAHULH3 2023/02/06 APPR: MRAMAKRISHNA 2023/02/06					
ANGULAR TOL ± 2.0°									
4 PLACES		±							
3 PLACES		± 0.05							
2 PLACES		± 0.1							
1 PLACE		± 0.2							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:				PRODUCT CUSTOMER DRAWING	
				DRWN: CRAODOREMS 2017/10/03 APPR: BRUTTLE 2018/03/20					
THIRD ANGLE PROJECTION				DRAWING		SERIES		DOCUMENT NUMBER	
				A1-SIZE		93071		930710001	
								DOC TYPE	
								DOC PART	
								REVISION	
								PSD	
								000	
								A1	
								MATERIAL NUMBER	
								CUSTOMER	
								SHEET NUMBER	
								SEE SHEETS 2-3	
								GENERAL MARKET	
								1 OF 4	

2 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-0001	91698-0001	NONE	CCT 2	⊕ 1 ⊕ 2 ⊕ 3	YES	STANDARD	NATURAL
93071-0002	91698-0006	d	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 d	YES	STANDARD	
93071-0003	91698-0004	b	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 b	YES	STANDARD	
93071-0004	91698-0007	b d	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 b d	YES	STANDARD	
93071-0005	91698-0008	a c	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a c	YES	STANDARD	
93071-0006	91698-0002	a d	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a d	YES	STANDARD	
93071-0007	91698-0003	a	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a	YES	STANDARD	
93071-0008	91698-0009	a b	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a b	YES	STANDARD	
93071-0009	91698-0010	b c	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 b c	YES	STANDARD	
93071-0010	91698-0011	c d	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 c d	YES	STANDARD	
93071-0011	91698-0012	a b c	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a b c	YES	STANDARD	
93071-0012	91698-0016	a c d	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a c d	YES	STANDARD	
93071-0013	91698-0014	b c d	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 b c d	YES	STANDARD	
93071-0014	91698-0015	ALL	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a b c d	YES	STANDARD	
93071-0015	91698-0017	a	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a	YES	STANDARD	RED
93071-0016	91698-0021	a	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 a	YES	STANDARD	BLACK
93071-0017	91698-0005	c	CCT 2	⊕ 1 ⊕ 2 ⊕ 3 c	YES	STANDARD	NATURAL

3 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-1001	91698-1001	NONE	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5	YES	STANDARD	NATURAL
93071-1002	91698-1010	a c d e	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 a c d e	YES	STANDARD	
93071-1003	91698-1011	b c d e	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 b c d e	YES	STANDARD	
93071-1004	91698-1012	c	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 c	YES	STANDARD	
93071-1005	91698-1013	d e f	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 d e f	YES	STANDARD	
93071-1006	91698-1003	a c e	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 a c e	YES	STANDARD	
93071-1007	91698-1015	a e	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 a e	YES	STANDARD	
93071-1008	91698-1002	ALL	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 a b c d e f	YES	STANDARD	
93071-1009	91698-1001	NONE	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5	YES	OPPOSITE	
93071-1010	91698-1001	NONE	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5	YES	OPTION C	
93071-1011	91698-1025	e f	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 e f	YES	STANDARD	
93071-1012	91698-1026	a b	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 a b	YES	STANDARD	
93071-1013	91698-1027	NONE	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5	YES	OPPOSITE	BLUE
93071-1014	91698-1030	a d e f	CCT 2, 4	⊕ 1 ⊕ 2 ⊕ 3 ⊕ 4 ⊕ 5 a d e f	YES	STANDARD	NATURAL

A1

NOTES:

1. ⊕ DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION

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:				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 736758 DRWN: MBN02 2022/06/22 CHK'D: RAHULH3 2023/02/06 APPR: MRAMAKRISHNA 2023/02/06 INITIAL REVISION: DRWN: CRAODOREMS 2017/10/03 APPR: BRUTTLE 2018/03/20					
ANGULAR TOL ± 2.0 °									
4 PLACES		±							
3 PLACES		± 0.05							
2 PLACES		± 0.1							
1 PLACE		± 0.2							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A1-SIZE		93071	
				DOCUMENT NUMBER		DOC TYPE		DOC PART	
				930710001		PSD		000	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE SHEETS 2-3		GENERAL MARKET		2 OF 4	
								A1	

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/06 11:17:30
-----------------	----	--------------	---------------------

4 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-2001	91698-2001	NONE	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-2002	91698-2011	b c d e f h	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ h	YES	STANDARD	
93071-2003	91698-2012	b c d e f g	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ g	YES	STANDARD	
93071-2004	91698-2013	b c d f	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	
93071-2005	91698-2017	a b c d e f	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	
93071-2006	91698-2018	d e f g h	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	
93071-2007	91698-2019	b d e	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	
93071-2008	91698-2020	c e	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	

6 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-4001	91698-4001	NONE	CCT 2, 4, 6, 8, 10	1 2 3 4 5 6 7 8 9 10 11 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-4002	91698-4002	a d	CCT 2, 4, 6, 8, 10	1 2 3 4 5 6 7 8 9 10 11 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ a	YES	STANDARD	NATURAL

7 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-5001	91698-5001	NONE	CCT 2, 4, 6, 8, 10, 12	1 2 3 4 5 6 7 8 9 10 11 12 13 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-5002	91698-5003	c d e f g h i j k l m n	CCT 2, 4, 6, 8, 10, 12	1 2 3 4 5 6 7 8 9 10 11 12 13 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-5003	91698-5004	a b c d e f g h i j k l m n	CCT 2, 4, 6, 8, 10, 12	1 2 3 4 5 6 7 8 9 10 11 12 13 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ a	YES	STANDARD	NATURAL

5 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-3001	91698-3001	NONE	CCT 2, 4, 6, 8	1 2 3 4 5 6 7 8 9 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-3002	91698-3005	b c d g h j	CCT 2, 4, 6, 8	1 2 3 4 5 6 7 8 9 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-3003	91698-3007	a b c d f g h i j	CCT 2, 4, 6, 8	1 2 3 4 5 6 7 8 9 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL
93071-3004	91698-3008	b c d g h i j	CCT 2, 4, 6, 8	1 2 3 4 5 6 7 8 9 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	RED
93071-3005	91698-3009	c e j	CCT 2, 4, 6, 8	1 2 3 4 5 6 7 8 9 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL

8 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-6001	91698-6001	NONE	CCT 2, 4, 6, 8, 10, 12, 14	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	YES	STANDARD	NATURAL

NOTES:

1.  DENOTES TERMINAL VOIDED POSITION
 DENOTES TERMINAL LOADED POSITION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °

4 PLACES ±

3 PLACES ± 0.05

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A1-SIZE

SERIES

93071

CURRENT REV DESC:

EC NO: 736758

DRWN: MBN02 2022/06/22

CHK'D: RAHULH3 2023/02/06

APPR: MRAMAKRISHNA 2023/02/06

INITIAL REVISION:

DRWN: CRAODOREMS 2017/10/03

APPR: BRUTTLE 2018/03/20

DOCUMENT NUMBER

930710001

DOC TYPE

PSD

DOC PART

000

REVISION

A1

MATERIAL NUMBER

SEE SHEETS 2-3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 4



RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2023/02/06 11:17:30

9 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-7001	91698-7001	NONE	CCT 2, 4, 6, 8, 10, 12, 14, 16		YES	STANDARD	NATURAL

10 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CIRCUIT 1 LOCATION	HOUSING COLOUR
93071-8001	91698-8001	NONE	CCT 2, 4, 6, 8, 10, 12, 14, 16, 18		YES	STANDARD	NATURAL

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:				molex					
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				RAST 2.5 APPLI-MATE VERTICAL MALE HEADER									
ANGULAR TOL ± 2.0 °													
4 PLACES		±		EC NO: 736758		PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.05		DRWN: MBN02 2022/06/22									
2 PLACES		± 0.1		CHK'D: RAHULH3 2023/02/06									
1 PLACE		± 0.2		APPR: MRAMAKRISHNA 2023/02/06		DOCUMENT NUMBER 930710001							
0 PLACES		±		INITIAL REVISION:								DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: CRAODOREMS 2017/10/03		PSD		000		A1			
				APPR: BRUTTLE 2018/03/20									
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
 				A1-SIZE		93071		GENERAL MARKET		4 OF 4			