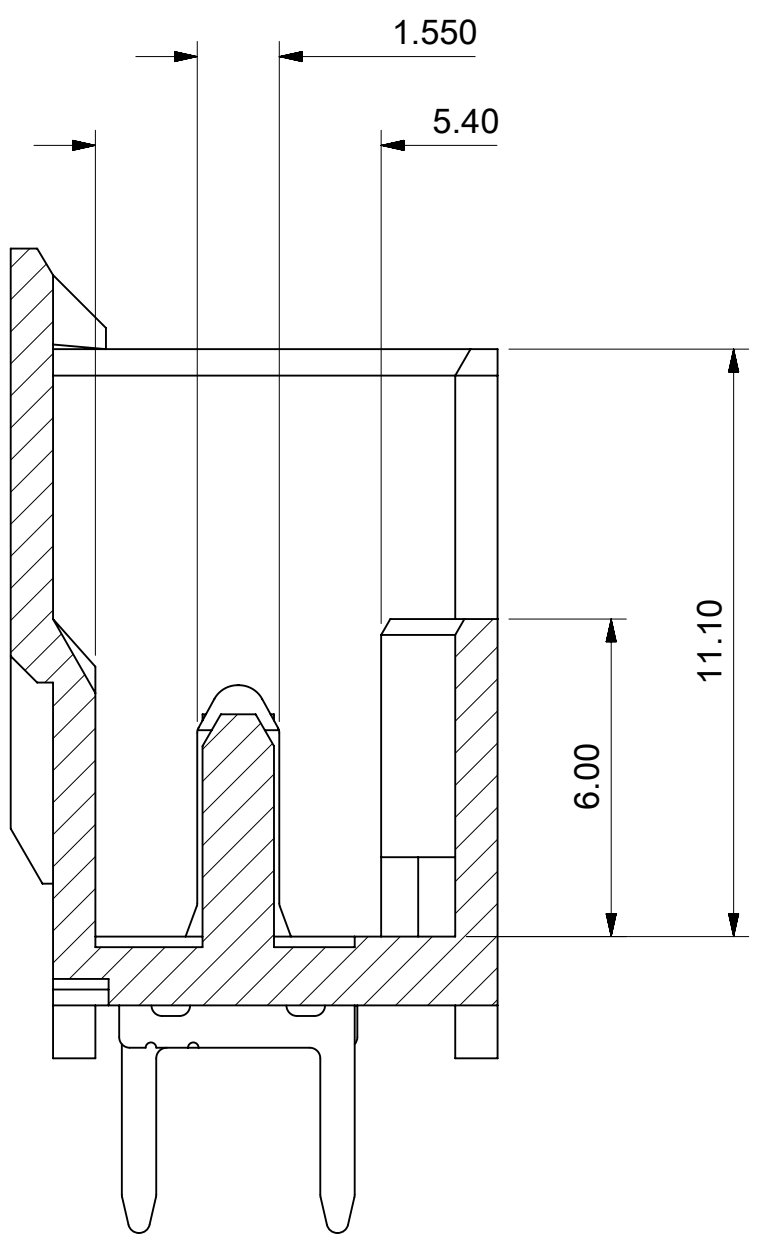
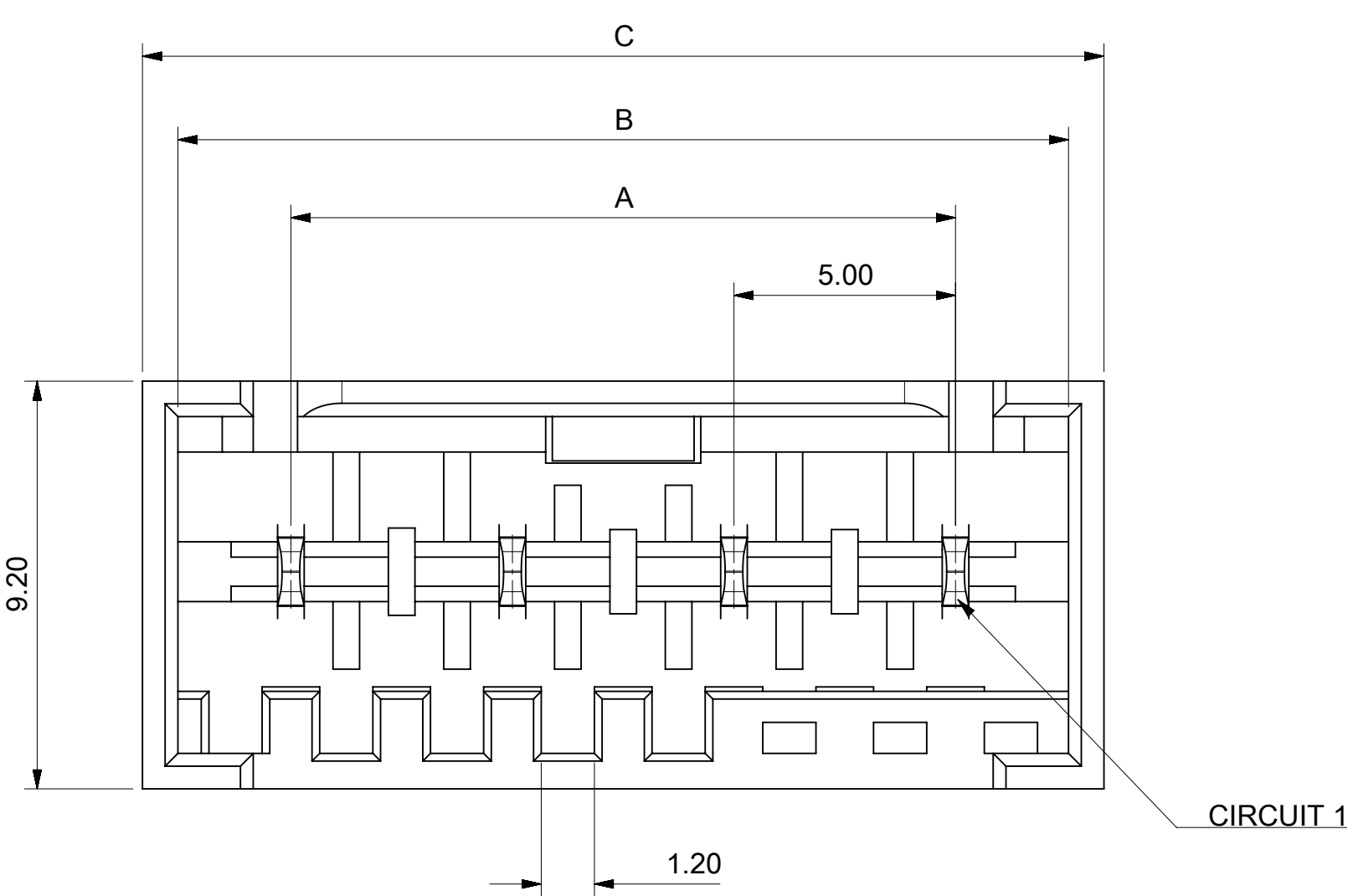
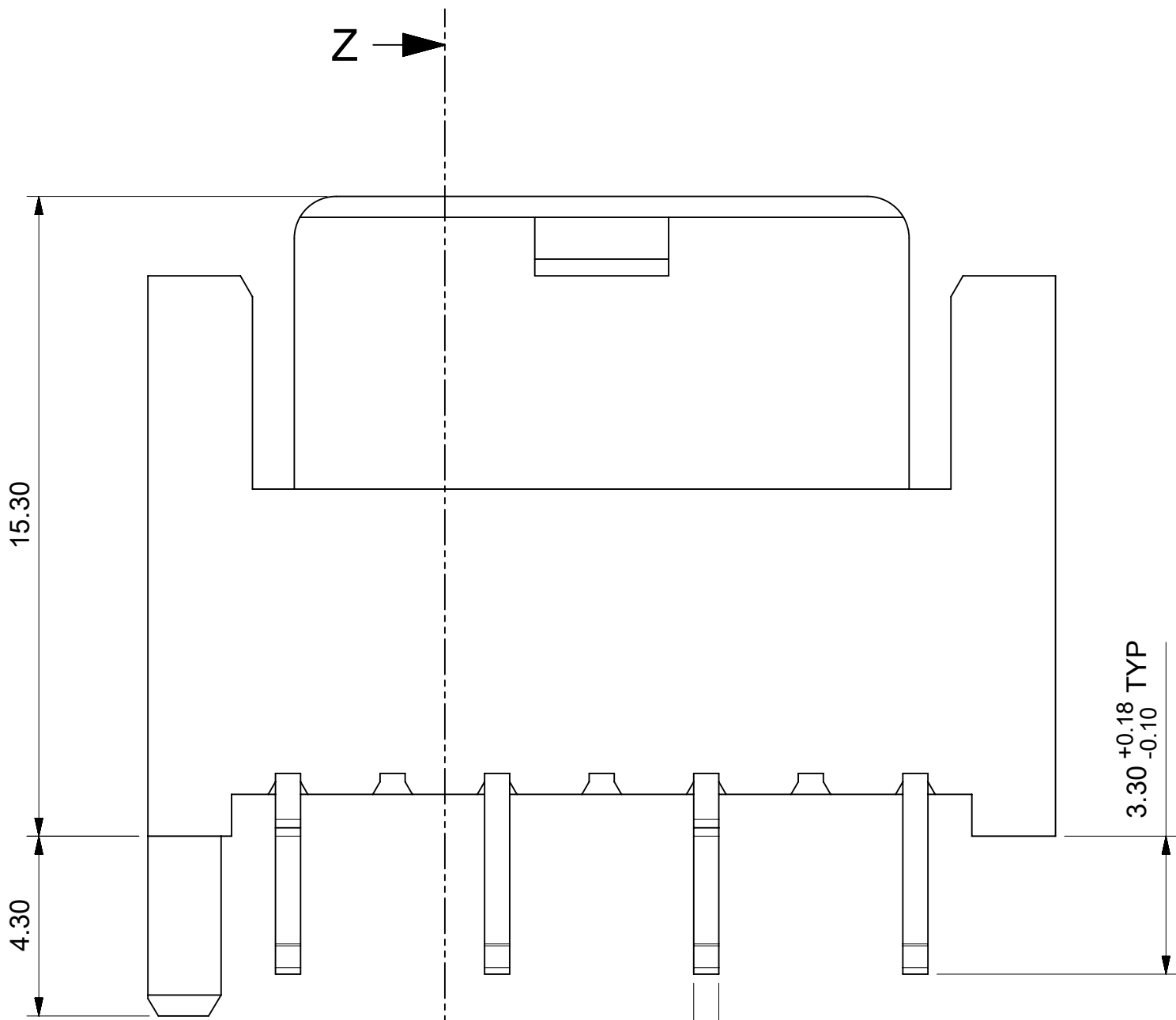


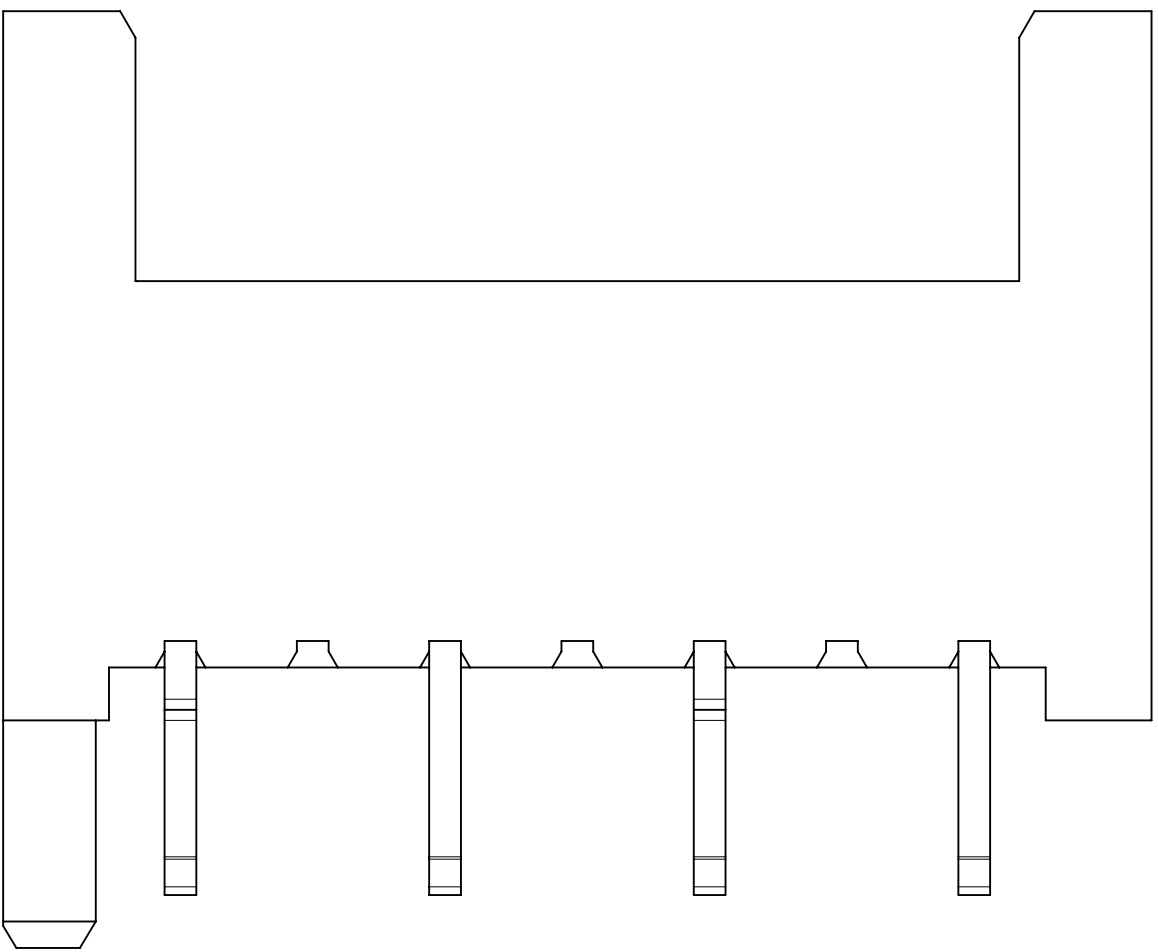
CKT	A	B	C
2	5.0	10.1	11.7
3	10.0	15.1	16.7
4	15.0	20.1	21.7
5	20.0	25.1	26.7
6	25.0	30.1	31.7
7	30.0	35.1	36.7
8	35.0	40.1	41.7



SECTION Z-Z



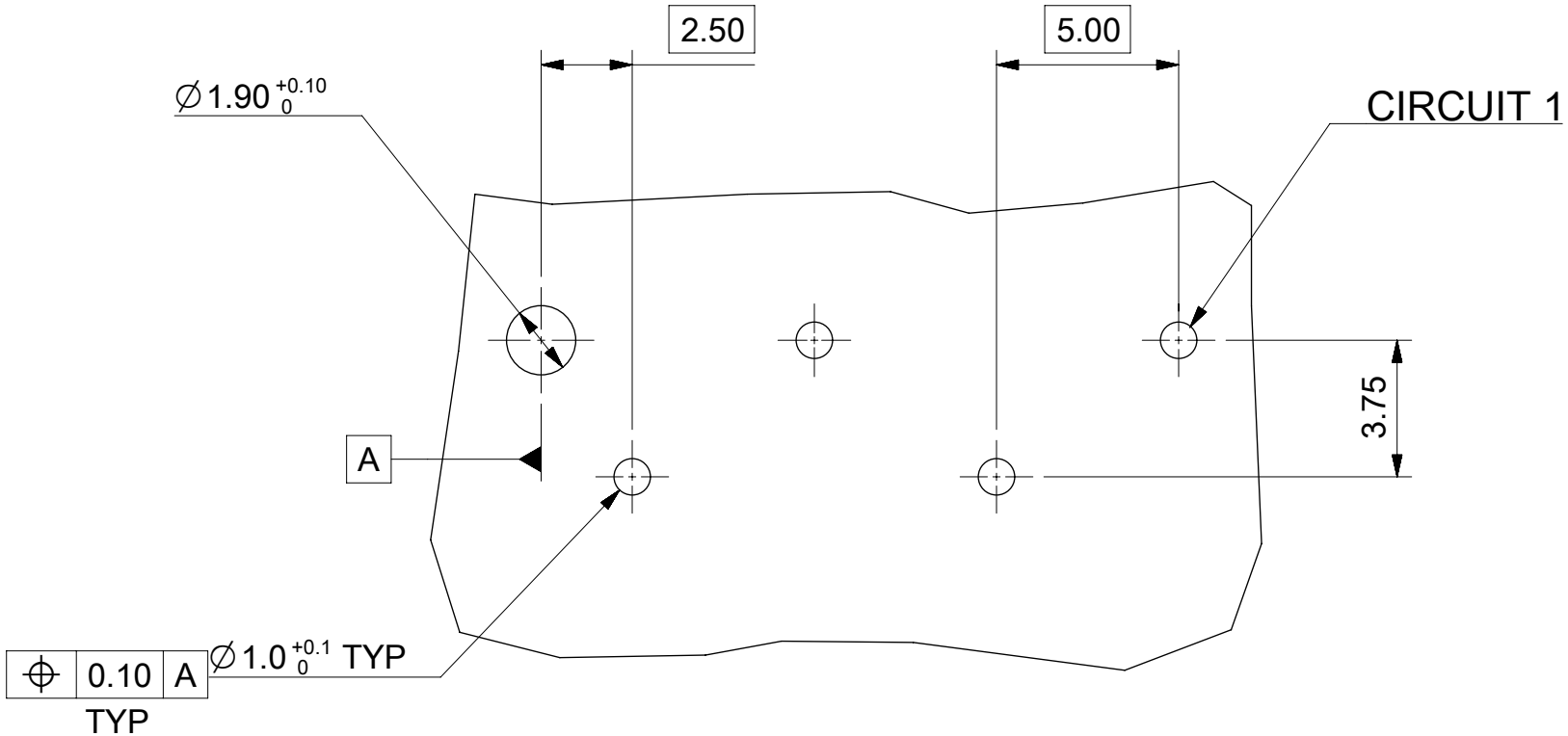
ASSEMBLY WITHOUT LATCH
(OPTIONAL)



NOTES:

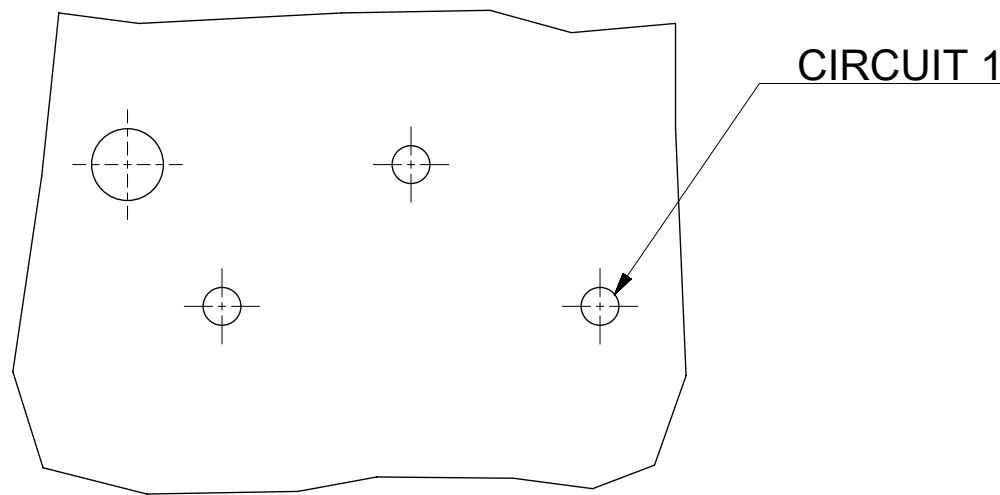
1. MATERIAL: HOUSING - PA66 25% G/F, UL94 V-0
COLOUR: NATURAL
TERMINAL - BRASS
PLATING - 3-7µm Sn over 1.27µm Min Ni
2. PARTS PACKED AS PER PK-93070-001
3. PRODUCT SPECIFICATION: PS-99039-0040
4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

DOCUMENT STATUS	P1	RELEASE DATE	2018/03/20 11:31:35
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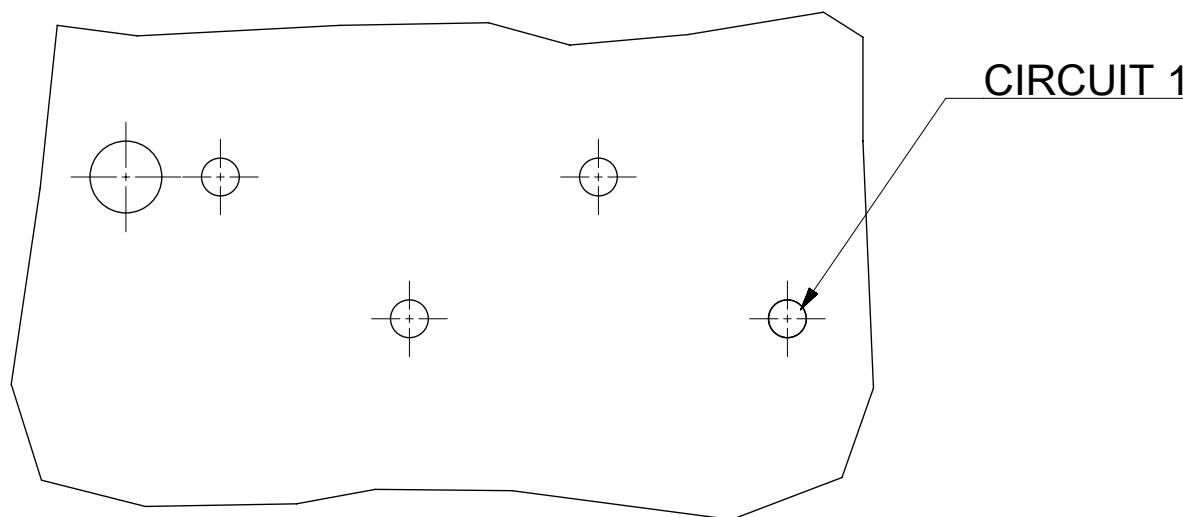


EVEN CIRCUIT SIZE

STANDARD PCBS

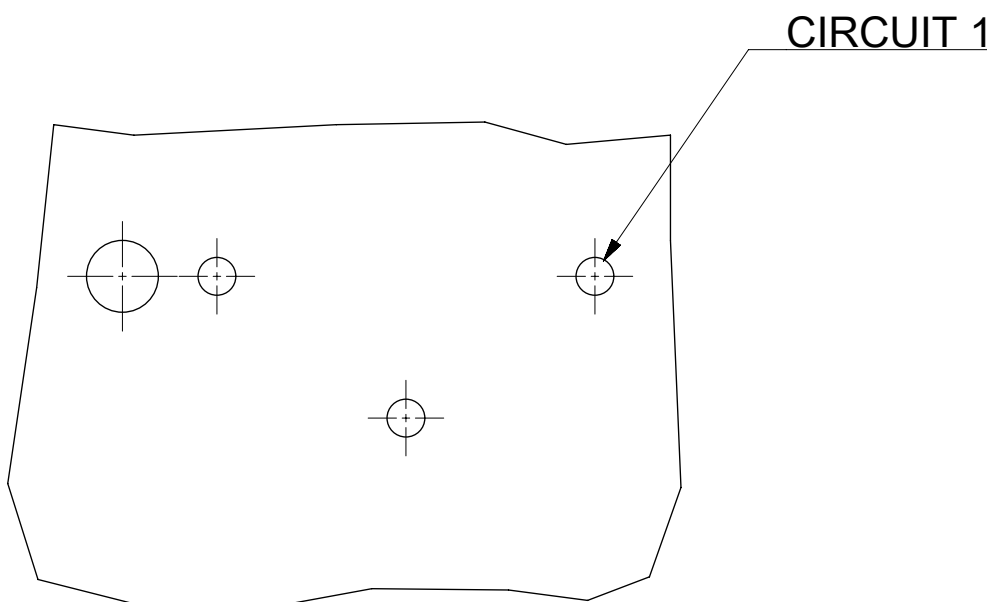


ODD CIRCUIT SIZE

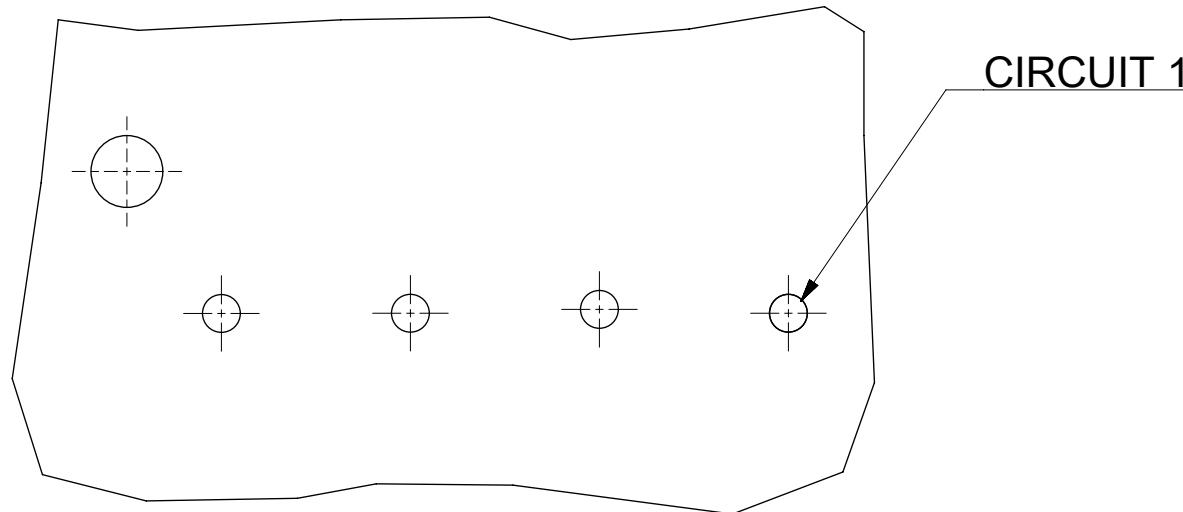


EVEN CIRCUIT SIZE

RECOMMENDED OPPOSITE PCBS

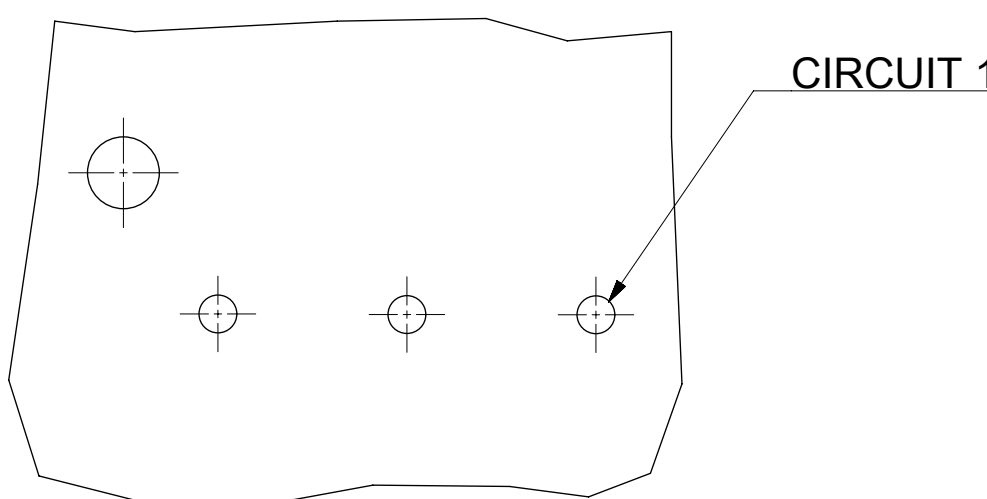


ODD CIRCUIT SIZE



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: CAD MIGRATION			molex					
mm		5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 168108						RAST 2.5 APPLI-MATE VERTICAL MALE HEADER		
ANGULAR TOL		± 2.0 °		DRWN: AKABADI 2018/03/05								
4 PLACES		±		CHK'D: CFISHER01 2018/03/08								
3 PLACES		± 0.05		APPR: BRUTTLE 2018/03/20			PRODUCT CUSTOMER DRAWING					
2 PLACES		± 0.1		INITIAL REVISION:								
1 PLACE		± 0.2		DRWN: CRAODOREMS 2017/10/03			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES		±		APPR: BRUTTLE 2018/03/20			930710001		PSD	000	A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				 		A1-SIZE	93071	SEE SHEETS 2-3		GENERAL MARKET		1 OF 3

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	⊕ + ⊕ 123	YES	STANDARD	NATURAL
93071-0002	91698-0006	d	CCT 2	⊕ + ⊕ 123 d	YES	STANDARD	
93071-0003	91698-0004	b	CCT 2	⊕ + ⊕ 123 b	YES	STANDARD	
93071-0004	91698-0007	b d	CCT 2	⊕ + ⊕ 123 b d	YES	STANDARD	
93071-0005	91698-0008	a c	CCT 2	⊕ + ⊕ 123 a c	YES	STANDARD	
93071-0006	91698-0002	a d	CCT 2	⊕ + ⊕ 123 a d	YES	STANDARD	
93071-0007	91698-0003	a	CCT 2	⊕ + ⊕ 123 a	YES	STANDARD	
93071-0008	91698-0009	a b	CCT 2	⊕ + ⊕ 123 a b	YES	STANDARD	
93071-0009	91698-0010	b c	CCT 2	⊕ + ⊕ 123 b c	YES	STANDARD	
93071-0010	91698-0011	c d	CCT 2	⊕ + ⊕ 123 c d	YES	STANDARD	
93071-0011	91698-0012	a b c	CCT 2	⊕ + ⊕ 123 a b c	YES	STANDARD	
93071-0012	91698-0016	a c d	CCT 2	⊕ + ⊕ 123 a c d	YES	STANDARD	
93071-0013	91698-0014	b c d	CCT 2	⊕ + ⊕ 123 b c d	YES	STANDARD	
93071-0014	91698-0015	ALL	CCT 2	⊕ + ⊕ 123 a b c d	YES	STANDARD	
93071-0015	91698-0017	a	CCT 2	⊕ + ⊕ 123 a	YES	STANDARD	RED
93071-0016	91698-0021	a	CCT 2	⊕ + ⊕ 123 a	YES	STANDARD	BLACK
93071-0017	91698-0005	c	CCT 2	⊕ + ⊕ 123 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	⊕ + ⊕ + ⊕ 12345	YES	STANDARD	NATURAL
93071-1002	91698-1010	a c d e	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 a c d e	YES	STANDARD	
93071-1003	91698-1011	b c d e	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 b c d e	YES	STANDARD	
93071-1004	91698-1012	c	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 c	YES	STANDARD	
93071-1005	91698-1013	d e f	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 d e f	YES	STANDARD	
93071-1006	91698-1003	a c e	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 a c e	YES	STANDARD	
93071-1007	91698-1015	a e	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 a e	YES	STANDARD	
93071-1008	91698-1002	ALL	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 a b c d e f	YES	STANDARD	
93071-1009	91698-1001	NONE	CCT 2, 4	⊕ + ⊕ + ⊕ 12345	YES	OPPOSITE	
93071-1010	91698-1001	NONE	CCT 2, 4	⊕ + ⊕ + ⊕ 12345	YES	OPTION C	
93071-1011	91698-1025	e f	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 e f	YES	STANDARD	
93071-1012	91698-1026	a b	CCT 2, 4	⊕ + ⊕ + ⊕ 12345 a b	YES	STANDARD	
93071-1013	91698-1027	NONE	CCT 2, 4	⊕ + ⊕ + ⊕ 12345	YES	OPPOSITE	BLUE

NOTES:

1.

⊕

 DENOTES TERMINAL VOIDED POSITION

⊕

 DENOTES TERMINAL LOADED POSITION

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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: CAD MIGRATION

EC NO: 168108

DRWN: AKABADI 2018/03/05

CHK'D: CFISHER01 2018/03/08

APPR: BRUTTLE 2018/03/20

INITIAL REVISION:

DRWN: CRAODOREMS 2017/10/03

APPR: BRUTTLE 2018/03/20

DOCUMENT NUMBER

930710001

DOC TYPE

PSD

DOC PART

000

REVISION

A

MATERIAL NUMBER

SEE SHEETS 2-3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

molex

RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2018/03/20 11:31:35

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 b c d e f	YES	STANDARD	
93071-2003	91698-2012	b c d e f g	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ g b c d e f	YES	STANDARD	
93071-2004	91698-2013	b c d f	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ f b c d	YES	STANDARD	
93071-2005	91698-2017	a b c d e f	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ f e d c b a	YES	STANDARD	
93071-2006	91698-2018	d e f g h	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ h g f e d	YES	STANDARD	
93071-2007	91698-2019	b d e	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ e d b	YES	STANDARD	
93071-2008	91698-2020	c e	CCT 2, 4, 6	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ e c	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 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ d 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 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ n m l k j i h g f e d c	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 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ n m l k j i h g f e d c b 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 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ j h g d c b	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 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ j i h g f d c b a	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 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ j i h g d c b	YES	STANDARD	RED
93071-3005	91698-3009	c e j	CCT 2, 4, 6, 8	1 2 3 4 5 6 7 8 9 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ j i h g f e c	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

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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

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A

MATERIAL NUMBER

SEE SHEETS 2-3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3



RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

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