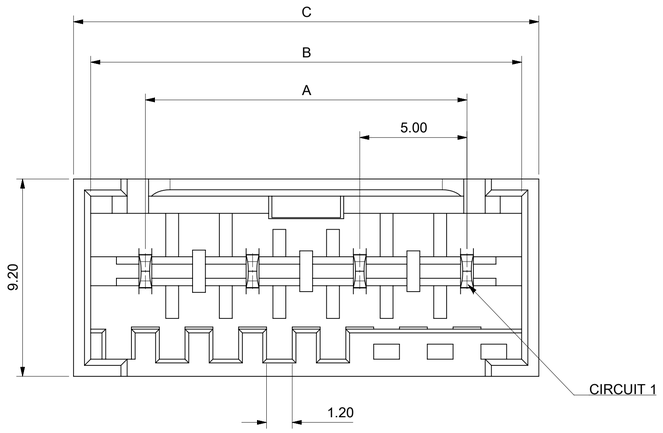
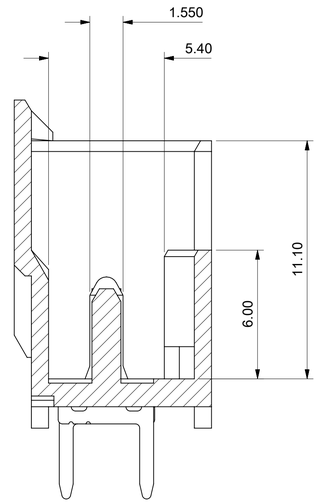
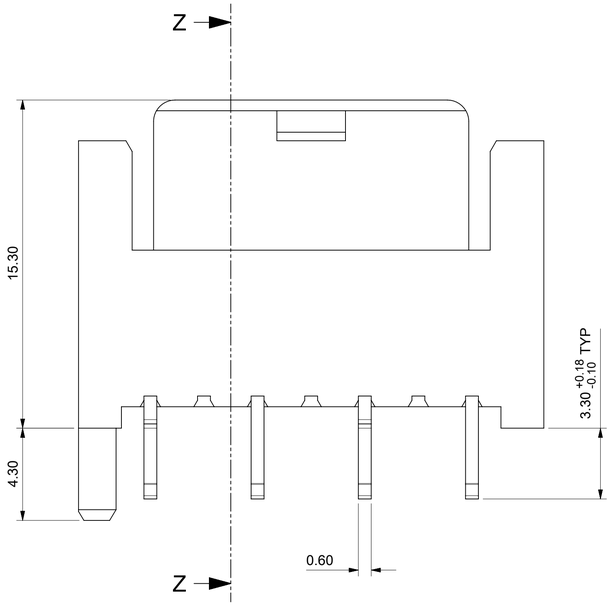
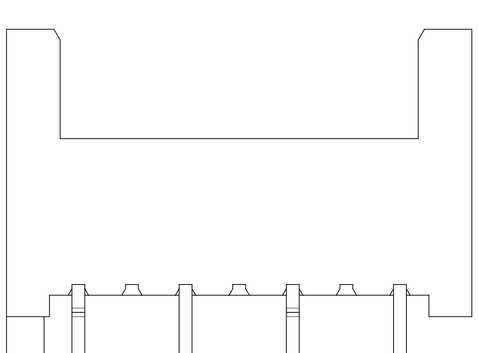
CKT	A	B	C
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3	10.0	15.1	16.7
4	15.0	20.1	21.7
5	20.0	25.1	26.7
6	25.0	30.1	31.7
7	30.0	35.1	36.7
8	35.0	40.1	41.7





SECTION Z-Z

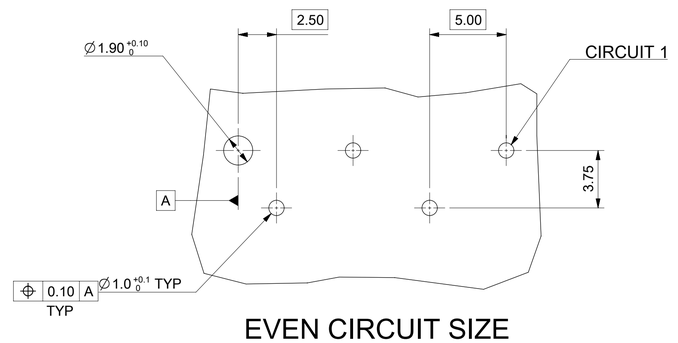




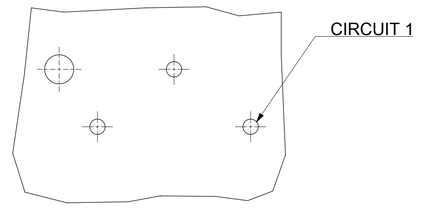
ASSEMBLY WITHOUT LATCH
(OPTIONAL)

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 1.27um Min Ni
2. PARTS PACKED AS PER PK-93070-001
3. PRODUCT SPECIFICATION: PS-99039-0040
4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

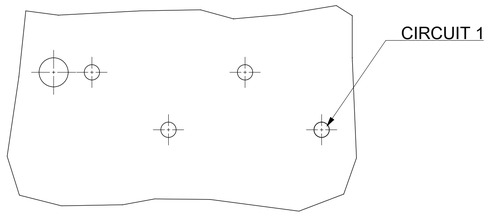


EVEN CIRCUIT SIZE

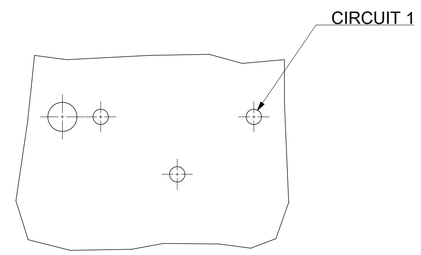


ODD CIRCUIT SIZE

STANDARD PCBS

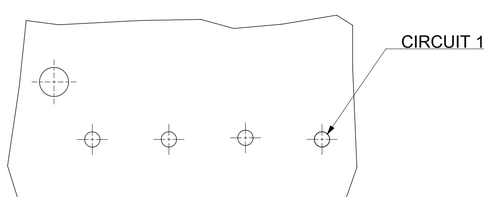


EVEN CIRCUIT SIZE

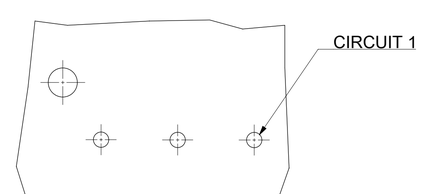


ODD CIRCUIT SIZE

RECOMMENDED OPPOSITE PCBS



EVEN CIRCUIT SIZE



ODD CIRCUIT SIZE

OPTION 'C' PCB LAYOUT

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

DIMENSION UNITS	SCALE
mm	5:1

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

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

THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 93071

molex

RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

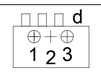
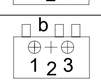
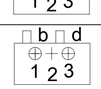
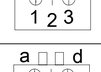
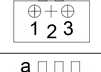
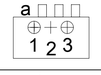
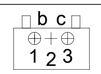
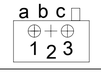
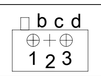
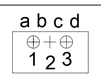
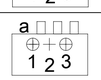
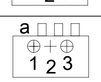
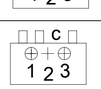
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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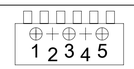
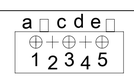
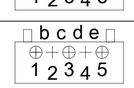
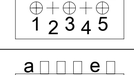
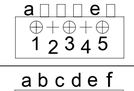
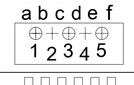
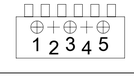
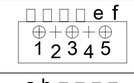
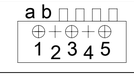
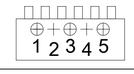
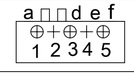
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEETS 2-3	GENERAL MARKET	1 OF 4

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

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		YES	STANDARD	NATURAL
93071-0002	91698-0006	d	CCT 2		YES	STANDARD	
93071-0003	91698-0004	b	CCT 2		YES	STANDARD	
93071-0004	91698-0007	b d	CCT 2		YES	STANDARD	
93071-0005	91698-0008	a c	CCT 2		YES	STANDARD	
93071-0006	91698-0002	a d	CCT 2		YES	STANDARD	
93071-0007	91698-0003	a	CCT 2		YES	STANDARD	
93071-0008	91698-0009	a b	CCT 2		YES	STANDARD	
93071-0009	91698-0010	b c	CCT 2		YES	STANDARD	
93071-0010	91698-0011	c d	CCT 2		YES	STANDARD	
93071-0011	91698-0012	a b c	CCT 2		YES	STANDARD	
93071-0012	91698-0016	a c d	CCT 2		YES	STANDARD	
93071-0013	91698-0014	b c d	CCT 2		YES	STANDARD	
93071-0014	91698-0015	ALL	CCT 2		YES	STANDARD	
93071-0015	91698-0017	a	CCT 2		YES	STANDARD	RED
93071-0016	91698-0021	a	CCT 2		YES	STANDARD	BLACK
93071-0017	91698-0005	c	CCT 2		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		YES	STANDARD	NATURAL
93071-1002	91698-1010	a c d e	CCT 2, 4		YES	STANDARD	
93071-1003	91698-1011	b c d e	CCT 2, 4		YES	STANDARD	
93071-1004	91698-1012	c	CCT 2, 4		YES	STANDARD	
93071-1005	91698-1013	d e f	CCT 2, 4		YES	STANDARD	
93071-1006	91698-1003	a c e	CCT 2, 4		YES	STANDARD	
93071-1007	91698-1015	a e	CCT 2, 4		YES	STANDARD	
93071-1008	91698-1002	ALL	CCT 2, 4		YES	STANDARD	
93071-1009	91698-1001	NONE	CCT 2, 4		YES	OPPOSITE	
93071-1010	91698-1001	NONE	CCT 2, 4		YES	OPTION C	
93071-1011	91698-1025	e f	CCT 2, 4		YES	STANDARD	
93071-1012	91698-1026	a b	CCT 2, 4		YES	STANDARD	
93071-1013	91698-1027	NONE	CCT 2, 4		YES	OPPOSITE	BLUE
93071-1014	91698-1030	a d e f	CCT 2, 4		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
mm	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

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

THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 93071

molex

RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
930710001	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEETS 2-3	GENERAL MARKET	2 OF 4

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	□ b c d e f □ h ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7	YES	STANDARD	
93071-2003	91698-2012	b c d e f g	CCT 2, 4, 6	□ b c d e f g □ ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7	YES	STANDARD	
93071-2004	91698-2013	b c d f	CCT 2, 4, 6	□ b c d □ f □ □ ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7	YES	STANDARD	
93071-2005	91698-2017	a b c d e f	CCT 2, 4, 6	a b c d e f □ □ ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7	YES	STANDARD	
93071-2006	91698-2018	d e f g h	CCT 2, 4, 6	□ □ □ d e f g h ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7	YES	STANDARD	
93071-2007	91698-2019	b d e	CCT 2, 4, 6	□ b □ d e □ □ □ ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7	YES	STANDARD	
93071-2008	91698-2020	c e	CCT 2, 4, 6	□ □ c □ e □ □ □ ⊕ + ⊕ + ⊕ + ⊕ 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	a □ □ d □ □ □ □ □ □ □ ⊕ + ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7 8 9 10 11	YES	STANDARD	

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	□ □ c d e f g h i j k l m n ⊕ + ⊕ + ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 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	a b c d e f g h i j k l m n ⊕ + ⊕ + ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13	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	□ b c d □ □ g h □ j ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	
93071-3003	91698-3007	a b c d f g h i j	CCT 2, 4, 6, 8	a b c d □ f g h i j ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	
93071-3004	91698-3008	b c d g h i j	CCT 2, 4, 6, 8	□ b c d □ □ g h i j ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	RED
93071-3005	91698-3009	c e j	CCT 2, 4, 6, 8	□ □ c □ e □ □ □ □ j ⊕ + ⊕ + ⊕ + ⊕ + ⊕ 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	SCALE
mm	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

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

THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 93071

molex

RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

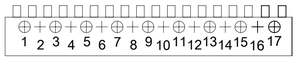
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
930710001	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEETS 2-3	GENERAL MARKET	3 OF 4

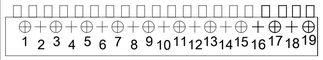
DOCUMENT STATUS	P1	RELEASE DATE	2023/02/06 11:17:30

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

A1

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

A1

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DIMENSION UNITS	SCALE
mm	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

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

THIRD ANGLE PROJECTION

molex

RAST 2.5 APPLI-MATE VERTICAL MALE HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
930710001	PSD	000	A1

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
A1-SIZE	93071		GENERAL MARKET	4 OF 4

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

FORMAT: master-lib-prod-A1
REVISION: A1
DATE: 2021-05-01