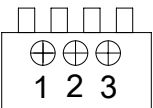
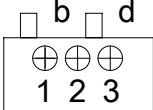
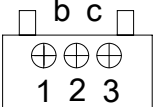
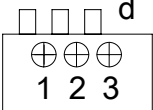
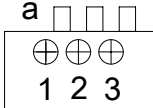
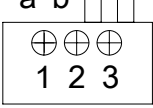
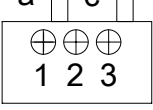
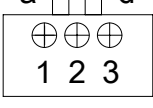
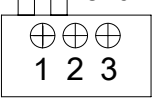
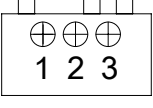
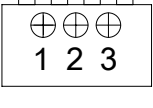
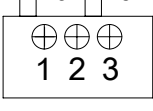
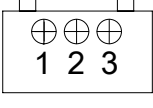
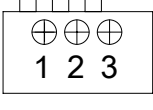
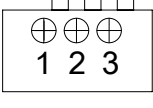
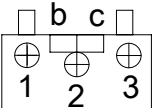
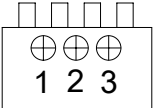
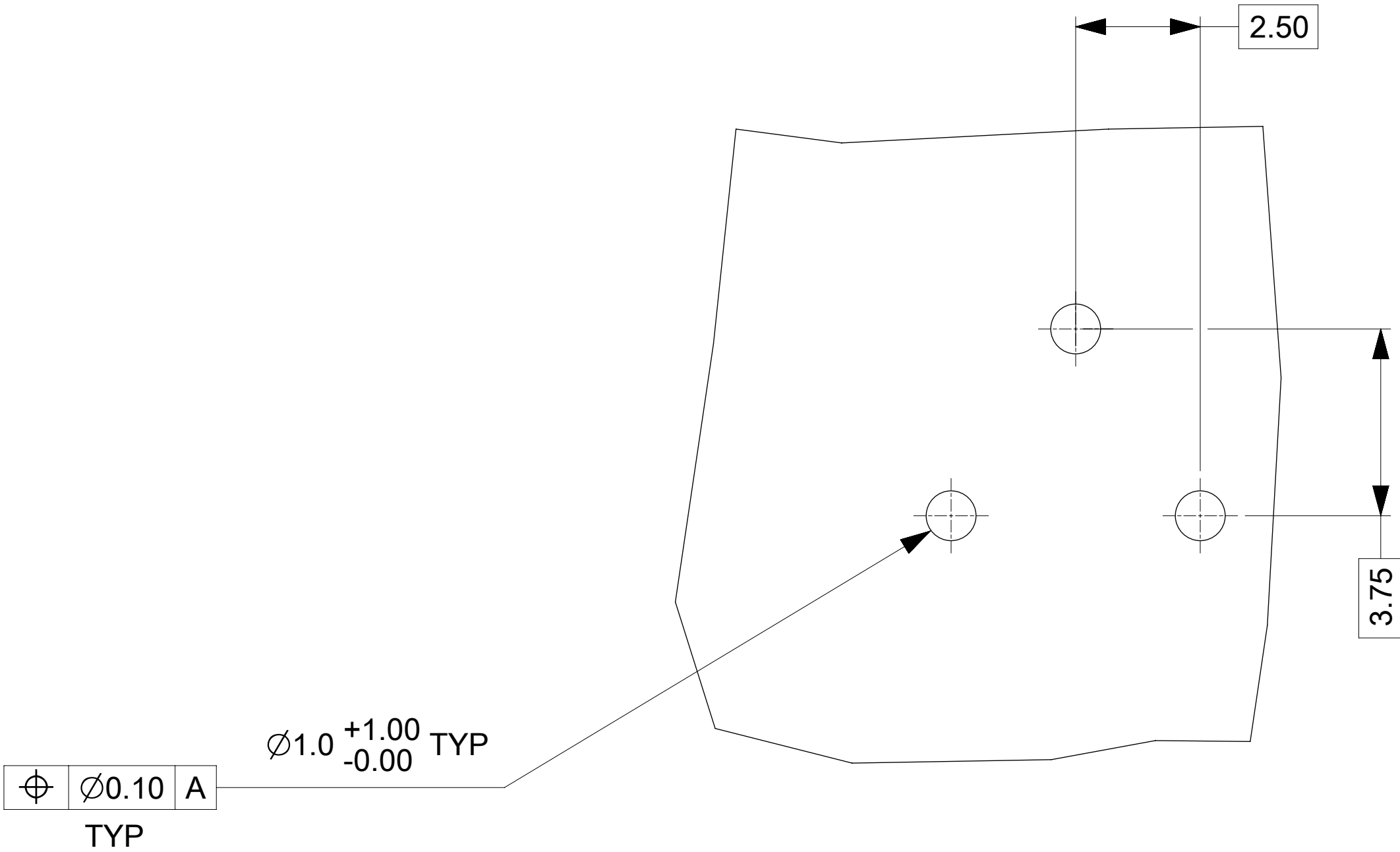
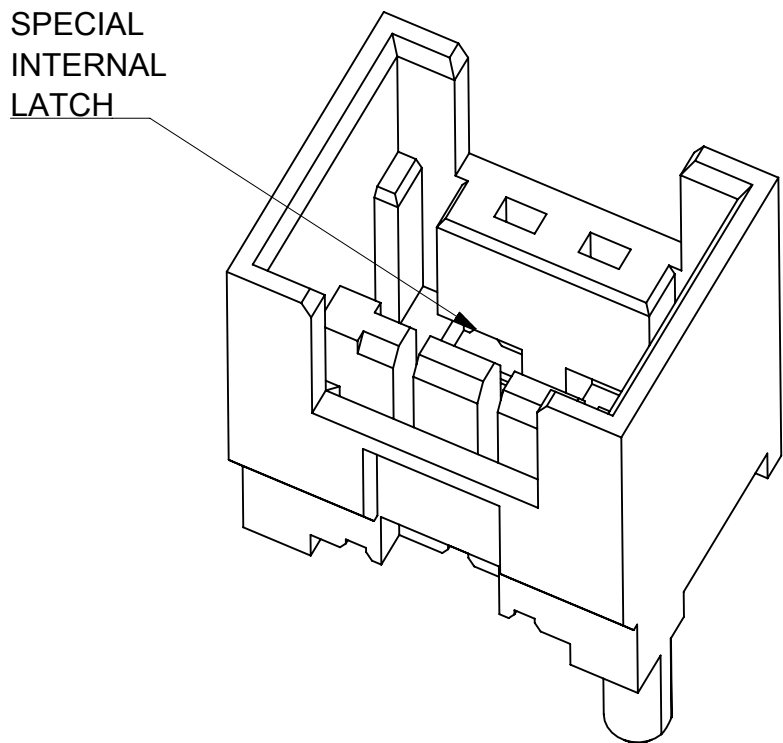


3 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-0001	91698-0001	NONE	NONE		YES	STANDARD	NATURAL
93070-0002	91698-0007	b d	NONE		YES	STANDARD	NATURAL
93070-0003	91698-0010	b c	NONE		YES	STANDARD	NATURAL
93070-0004	91698-0006	d	NONE		YES	STANDARD	NATURAL
93070-0005	91698-0003	a	NONE		YES	STANDARD	NATURAL
93070-0006	91698-0009	a b	NONE		YES	STANDARD	NATURAL
93070-0007	91698-0008	a c	NONE		YES	STANDARD	NATURAL
93070-0008	91698-0002	a d	NONE		YES	STANDARD	NATURAL
93070-0009	91698-0011	c d	NONE		YES	STANDARD	NATURAL
93070-0010	91698-0004	b	NONE		YES	STANDARD	NATURAL
93070-0011	91698-0251	NONE	NONE		NO	STANDARD	NATURAL
93070-0012	91698-0018	b d	NONE		YES	STANDARD	BLUE
93070-0013	91698-0019	b c	NONE		YES	STANDARD	RED
93070-0014	91698-0020	d	NONE		YES	STANDARD	GREEN
93070-0015	91698-0021	a	NONE		YES	STANDARD	BLACK
93070-0016	91698-0252	b c INTERNAL LATCHING	NONE		NO	STANDARD	NATURAL

3 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-0017	91698-0253	NONE	NONE		YES	STANDARD	NATURAL



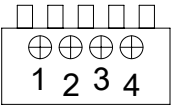
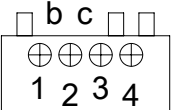
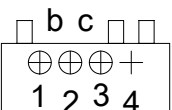
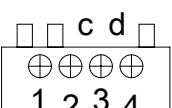
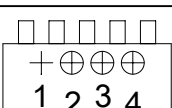
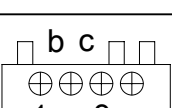
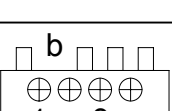
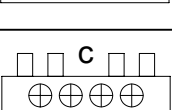
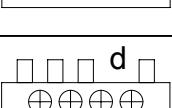
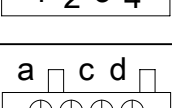
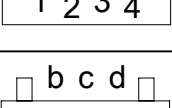
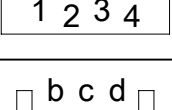
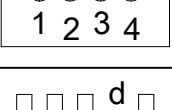
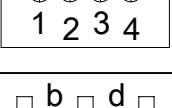
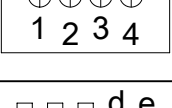
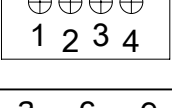
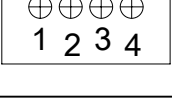
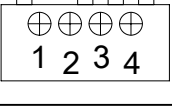
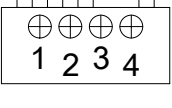
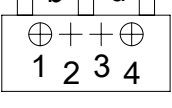
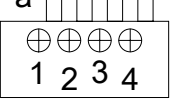
RECOMMENDED PCB LAYOUT FOR P/N: 93070-0017



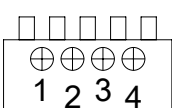
- NOTES:
- 1. + DENOTES TERMINAL VOIDED POSITION.
 - ⊕ DENOTES TERMINAL LOADED POSITION.
 -  DENOTES SPECIAL INTERNAL LATCHING.

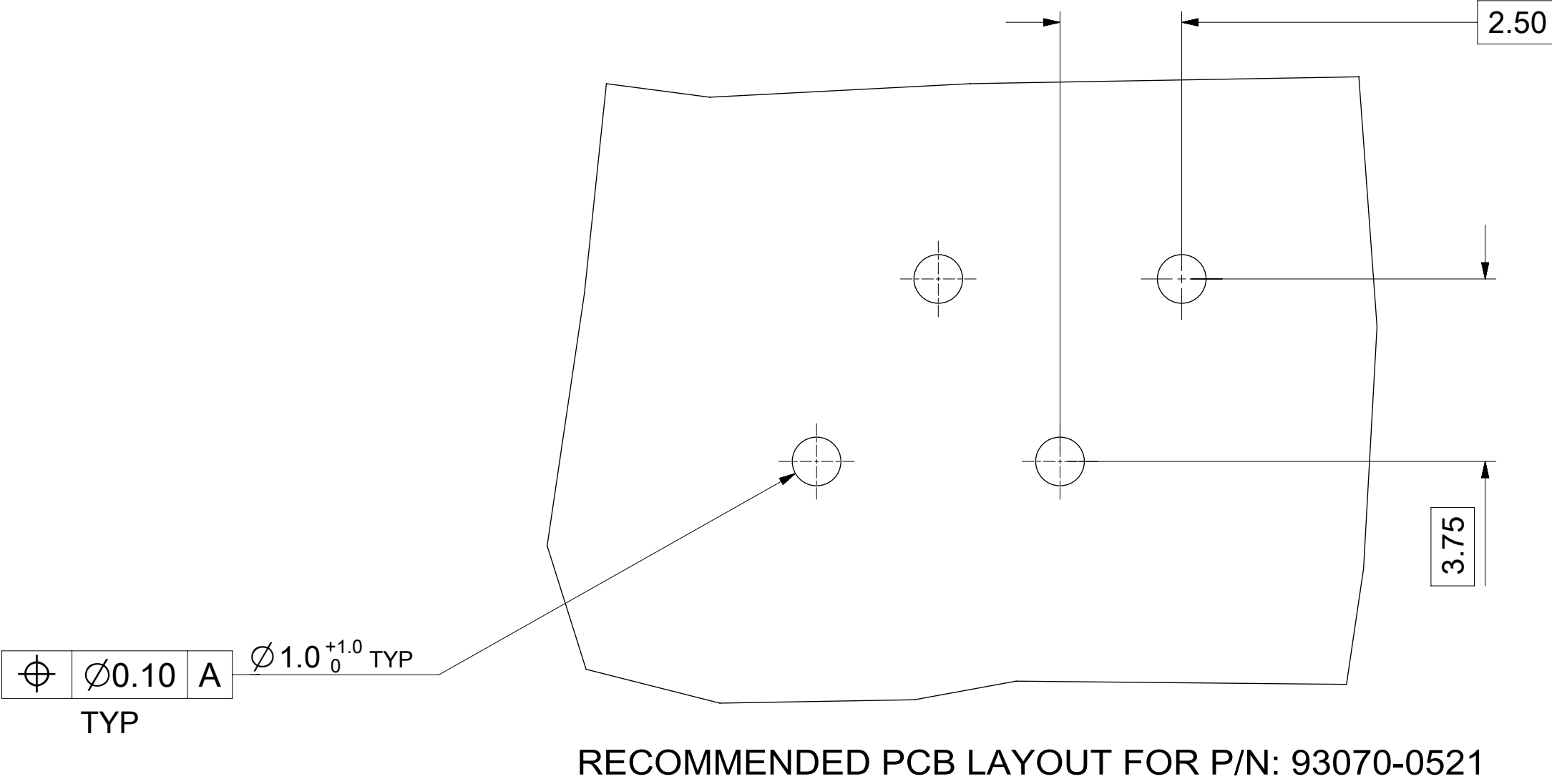
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 831787 DRWN: PRAMOD2025/08/18 CHK'D: GANESY2025/08/19 APPR: GANESY2025/08/19 INITIAL REVISION: DRWN: CRAODOREMS2017/09/28 APPR: BRUTTLE2018/03/20					
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		93070	
				DOCUMENT NUMBER		DOC TYPE		DOC PART	
				930700001		PSD		000	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE SHEETS 2-7		GENERAL MARKET		2 OF 8	
DOCUMENT STATUS		P1		RELEASE DATE		2025/08/19 05:38:43			

4 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-0501	91698-0501	NONE	NONE		YES	STANDARD	NATURAL
93070-0502	91698-0507	b c	NONE		YES	STANDARD	NATURAL
93070-0503	91698-0507	b c	CCT 4		YES	STANDARD	NATURAL
93070-0504	91698-0512	c d	NONE		YES	STANDARD	NATURAL
93070-0505	91698-0501	NONE	CCT 1		YES	STANDARD	NATURAL
93070-0601	91698-0507	b c	NONE		YES	OPPOSITE	NATURAL
93070-0506	91698-0506	b	NONE		YES	STANDARD	NATURAL
93070-0507	91698-0514	c	NONE		YES	STANDARD	NATURAL
93070-0508	91698-0502	d	NONE		YES	STANDARD	NATURAL
93070-0509	91698-0515	a c d	NONE		YES	STANDARD	NATURAL
93070-0510	91698-0516	b c d	NONE		YES	STANDARD	NATURAL
93070-0511	91698-0517	b c d	NONE		YES	STANDARD	RED
93070-0512	91698-0518	d	NONE		YES	STANDARD	RED
93070-0513	91698-0519	b d	NONE		YES	STANDARD	NATURAL
93070-0514	91698-0509	d e	NONE		YES	STANDARD	NATURAL
93070-0515	91698-0513	a c e	NONE		YES	STANDARD	NATURAL
93070-0516	91698-0520	b	NONE		YES	STANDARD	RED
93070-0517	91698-0521	d	NONE		YES	STANDARD	BLUE
93070-0518	91698-0519	b d	CCT 2,3		YES	STANDARD	NATURAL
93070-0519	91698-0505	a	NONE		YES	STANDARD	NATURAL
93070-0520	91698-0522	b e	NONE		YES	STANDARD	NATURAL

4 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-0521	91698-0523	NONE	NONE		YES	STANDARD	NATURAL

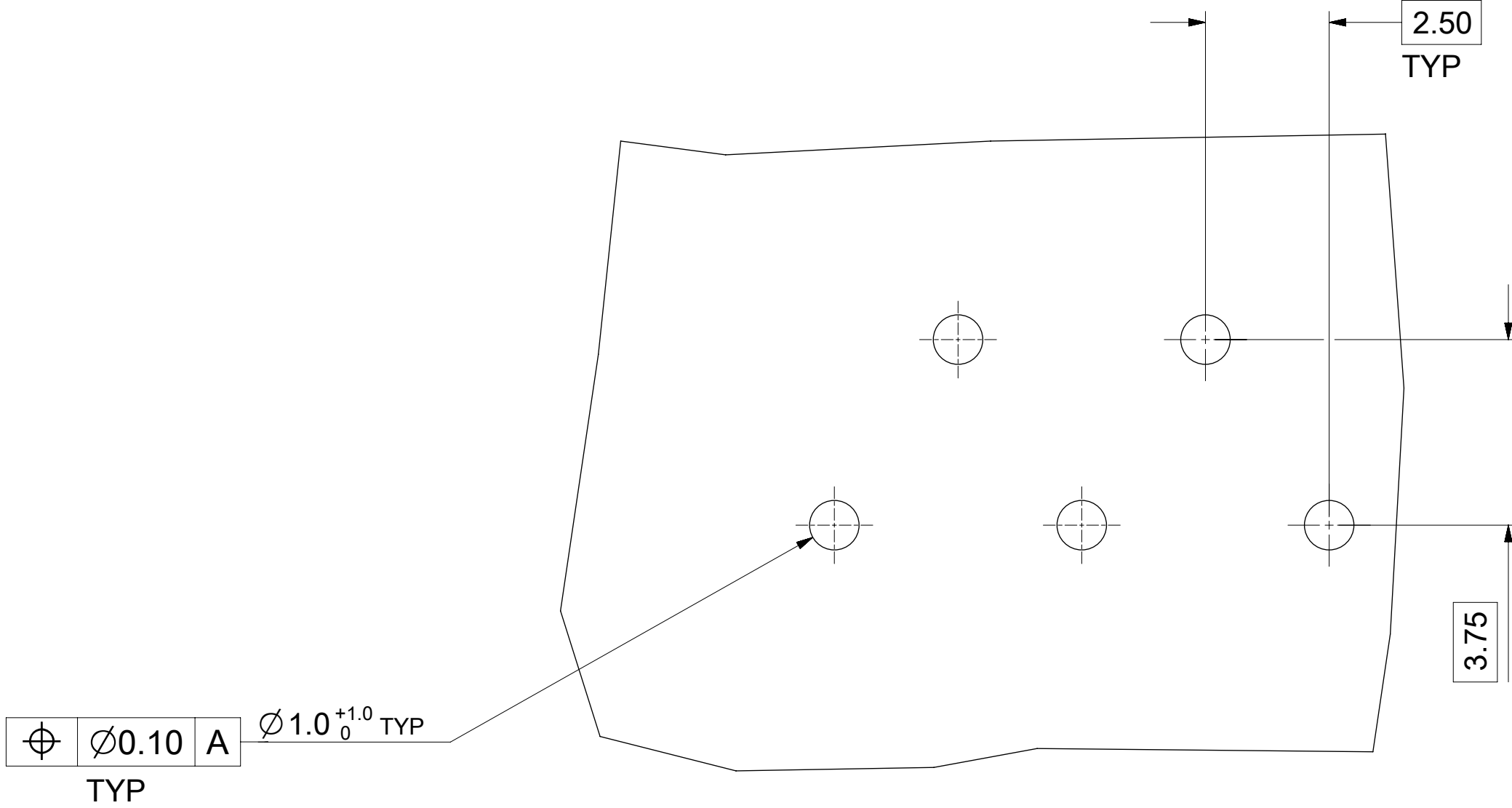


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC:							
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± 2.0 °		EC NO: 831787 DRWN: PRAMOD CHK'D: GANESY APPR: GANESY INITIAL REVISION: DRWN: CRAODOREMS APPR: BRUTTLE			PRODUCT CUSTOMER DRAWING				
4 PLACES		±					DOCUMENT NUMBER			DOC TYPE	
3 PLACES		± 0.05					930700001			PSD	
2 PLACES		± 0.1					2018/03/20			000	
1 PLACE		± 0.2					2017/09/28			B4	
0 PLACES		±		2018/03/20			REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A1-SIZE		SERIES 93070			
						MATERIAL NUMBER		CUSTOMER			
						GENERAL MARKET		SHEET NUMBER 3 OF 8			

5 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-1001	91698-1001	NONE	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1002	91698-1004	c d	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 c d	YES	STANDARD	NATURAL
93070-1003	91698-1008	a d f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a d f	YES	STANDARD	NATURAL
93070-1101	91698-1001	NONE	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	OPPOSITE	NATURAL
93070-1004	91698-1009	d	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 d	YES	STANDARD	NATURAL
93070-1005	91698-1007	a b e f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a b e f	YES	STANDARD	NATURAL
93070-1006	91698-1011	b c d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 b c d e	YES	STANDARD	NATURAL
93070-1007	91698-1014	c d	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 c d	YES	STANDARD	RED
93070-1008	91698-1017	a b e f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a b e f	YES	STANDARD	BLUE
93070-1009	91698-1028	b c d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 b c d e	YES	STANDARD	BLUE
93070-1010	91698-1018	d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 d e	YES	STANDARD	NATURAL
93070-1011	91698-1019	b d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 b d e	YES	STANDARD	NATURAL
93070-1012	91698-1020	a c f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a c f	YES	STANDARD	NATURAL
93070-1013	91698-1021	a b c d	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a b c d	YES	STANDARD	NATURAL
93070-1014	91698-1022	a b d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a b d e	YES	STANDARD	NATURAL
93070-1015	91698-1023	a b c e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a b c e	YES	STANDARD	NATURAL
93070-1016	91698-1024	b d e	CCT 4	⊕⊕⊕⊕⊕ 1 2 3 4 5 b d e	YES	STANDARD	GREEN
93070-1018	91698-1001	NONE	CCT 2, 3	⊕+ + ⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL

B4

5 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-1017	91698-1029	a c d f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5 a c d f	YES	STANDARD	NATURAL



RECOMMENDED PCB LAYOUT FOR P/N: 93070-1017

NOTES:

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

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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	THIRD ANGLE PROJECTION

CURRENT REV DESC:

EC NO: 831787
DRWN: PRAMOD 2025/08/18
CHK'D: GANESY 2025/08/19
APPR: GANESY 2025/08/19
INITIAL REVISION:
DRWN: CRAODOREMS 2017/09/28
APPR: BRUTTLE 2018/03/20

DRAWING
A1-SIZE

SERIES
93070

molex

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
930700001	PSD	000	B4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEETS 2-7	GENERAL MARKET	4 OF 8

6 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-1501	91698-1501	NONE	NONE	⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1502	91698-1508	d f	CCT 2, 5	d f ⊕+⊕⊕+⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1503	91698-1513	c e	NONE	c e ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1505	91698-1508	d f	NONE	d f ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1506	91698-1514	b d f	CCT 4, 5	b d f ⊕⊕⊕+⊕+⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1507	91698-1501	NONE	CCT 2	⊕+⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1508	91698-1511	c f	CCT 2	c f ⊕+⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1509	91698-1515	d	NONE	d ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1510	91698-1516	a b c e f	NONE	a b c e f ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1511	91698-1507	e f	NONE	e f ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1512	91698-1517	d f	NONE	d f ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	GREEN
93070-1513	91698-1512	b d e f	CCT 2, 4	b d e f ⊕+⊕+⊕+⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1514	91698-1518	a b d f	NONE	a b d f ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1515	91698-1516	a b c e f	CCT 1	a b c e f +⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1516	91698-1751	NONE	NONE	⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	NO	STANDARD	NATURAL
93070-1517	91698-1519	c d	CCT 2, 5	c d ⊕+⊕⊕+⊕ 1 2 3 4 5 6	YES	STANDARD	NATURAL
93070-1518	91698-1520	c e g	NONE	c e g ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	RED
93070-1519	91698-1521	d f	NONE	d f ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	YES	STANDARD	BLACK

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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

93070

CURRENT REV DESC:

EC NO: 831787

DRWN: PRAMOD 2025/08/18

CHK'D: GANESY 2025/08/19

APPR: GANESY 2025/08/19

INITIAL REVISION:

DRWN: CRAODOREMS 2017/09/28

APPR: BRUTTLE 2018/03/20

DOCUMENT NUMBER

930700001

DOC TYPE

PSD

DOC PART

000

REVISION

B4

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEETS 2-7

GENERAL MARKET

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DOCUMENT STATUS

P1

RELEASE DATE

2025/08/19 05:38:43

18

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15

14

13

12

11

10

9

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6

5

4

3

2

1

7 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-2001	91698-2001	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2002	91698-2006	a f	CCT 2, 6	a⊕⊕⊕⊕⊕f ⊕+⊕⊕⊕+⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2003	91698-2007	d g	CCT 4	⊕⊕⊕d⊕⊕g ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2004	91698-2008	a e	CCT 4	a⊕⊕⊕⊕e ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2005	91698-2009	d f g	CCT 4	⊕⊕⊕d⊕f g ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2006	91698-2006	a f	CCT 4	a⊕⊕⊕⊕f ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2007	91698-2003	a	NONE	a⊕⊕⊕⊕⊕⊕ ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2008	91698-2001	NONE	CCT 2	⊕+⊕⊕⊕⊕⊕ ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2009	91698-2003	a	CCT 4	a⊕⊕⊕⊕⊕⊕ ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2010	91698-2005	h	CCT 2	⊕+⊕⊕⊕⊕⊕h ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2011	91698-2010	b e g	NONE	⊕b⊕⊕⊕e⊕g ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2013	91698-2005	h	CCT 2	⊕+⊕⊕⊕⊕⊕h ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2014	91698-2016	ALL	NONE	a b c d e f g h ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL
93070-2015	91698-2012	b c d e f g	NONE	⊕b c d e f g ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	YES	STANDARD	NATURAL

8 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-2501	91698-2501	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕ ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2502	91698-2504	c f h i	NONE	⊕⊕c⊕⊕f⊕h i ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2503	91698-2503	b c d h i	CCT 4, 7	⊕b c d⊕⊕⊕h i ⊕⊕⊕+⊕⊕⊕+⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2601	91698-2501	NONE	CCT 4, 7	⊕⊕⊕⊕⊕⊕⊕⊕ ⊕⊕⊕+⊕⊕⊕+⊕ 1 2 3 4 5 6 7 8	YES	OPPOSITE	NATURAL
93070-2504	91698-2503	b c d h i	NONE	⊕b c d⊕⊕⊕h i ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2505	91698-2507	a c e f h i	NONE	a⊕c⊕⊕e f⊕h i ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2506	91698-2508	a b d f h i	CCT 7, 8	a b⊕d⊕f⊕h i ⊕⊕⊕⊕⊕⊕⊕++ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2508	91698-2505	b c d g h i	NONE	⊕b c d⊕⊕⊕g h i ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2509	91698-2506	c d e h	NONE	⊕⊕c d e⊕⊕h i ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2510	91698-2509	c h i	NONE	⊕⊕c⊕⊕⊕⊕h i ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	YES	STANDARD	NATURAL
93070-2511	91698-2510	c g	NONE	⊕⊕c⊕⊕⊕g⊕⊕ ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8	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 ±

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1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

SERIES

93070

CURRENT REV DESC:

EC NO: 831787

DRWN: PRAMOD 2025/08/18

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DOCUMENT NUMBER

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B4

MATERIAL NUMBER

SEE SHEETS 2-7

CUSTOMER

GENERAL MARKET

SHEET NUMBER

6 OF 8

molex

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

PRODUCT CUSTOMER DRAWING

9 CIRCUIT

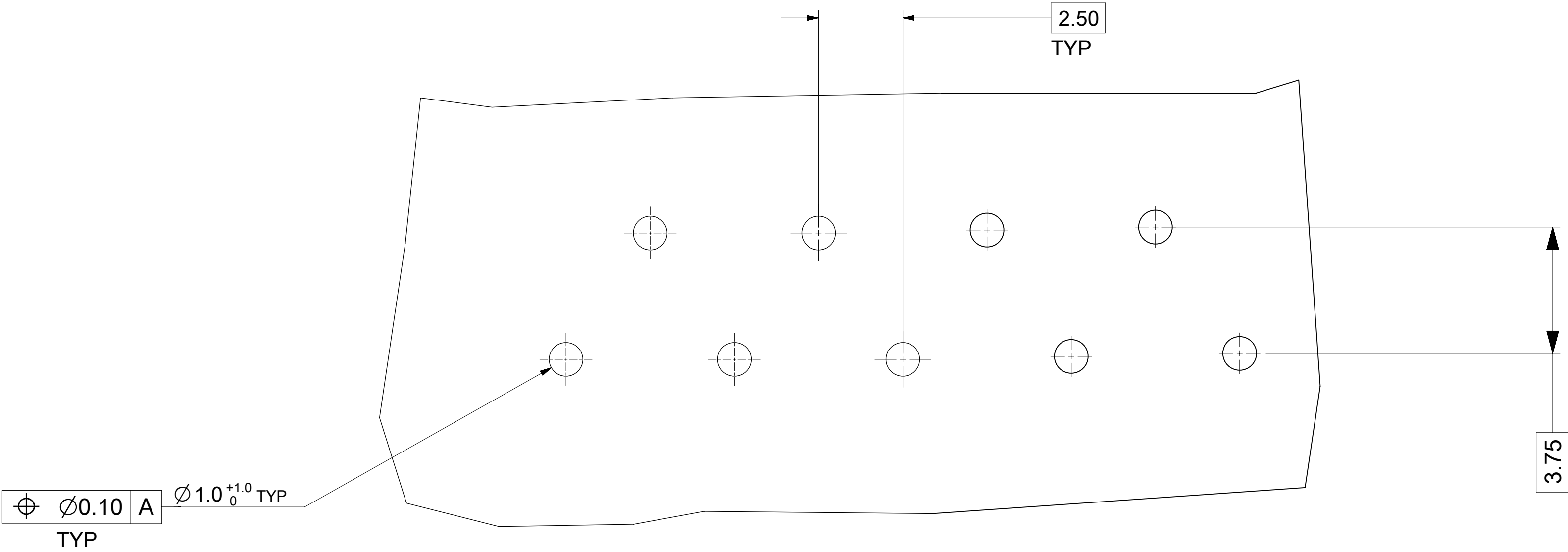
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-3001	91698-3001	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL
93070-3002	91698-3003	ALL	CCT 2, 5, 8	a b c d e f g h i j ⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL
93070-3101	91698-3001	NONE	CCT 3, 5, 8	⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	OPPOSITE	NATURAL
93070-3003	91698-3004	c d e i j	CCT 3, 5, 8	c d e f g h i j ⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL
93070-3004	91698-3001	NONE	CCT 2, 5, 8	⊕+⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL
93070-3005	91698-3006	b c d e f g i	CCT 3, 5, 8	b c d e f g h i j ⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL
93070-3006	91698-3010	a d e f g j	NONE	a ⊕⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL

10 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-3501	91698-3501	NONE	NONE	⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9 10	YES	STANDARD	NATURAL
93070-3502	91698-3501	NONE	CCT 2, 5, 7, 9	⊕ + ⊕ ⊕ ⊕ + ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9 10	YES	STANDARD	NATURAL
93070-3503	91698-3504	a b d e f g i j	NONE	a b d e f g i j ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9 10	YES	STANDARD	NATURAL
93070-3504	91698-3501	NONE	CCT 2, 6, 9	⊕ + ⊕ ⊕ ⊕ + ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9 10	YES	STANDARD	NATURAL
93070-3505	91698-3504	a b d e f g i j	CCT 5, 6	a b d e f g i j ⊕ ⊕ ⊕ ⊕ + + ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9 10	YES	STANDARD	NATURAL

9 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)

MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-3007	91698-3011	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕ 123456789	YES	STANDARD	NATURAL



RECOMMENDED PCB LAYOUT FOR P/N: 93070-3007

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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: 831787
DRWN: PRAMOD 2025/08/18
CHK'D: GANESY 2025/08/19
APPR: GANESY 2025/08/19

INITIAL REVISION:
DRWN: CRAODOREMS 2017/09/28
APPR: BRUTTLE 2018/03/20

THIRD ANGLE PROJECTION

DRAWING

SERIES

A1-SIZE 93070

molex

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

930700001

DOC TYPE

PSD

DOC PART

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REVISION

B4

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEETS 2-7

GENERAL MARKET

7 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/19 05:38:43
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11 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-4001	91698-4001	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	YES	STANDARD	NATURAL
93070-4002	91698-4001	NONE	CCT 4,8	⊕⊕⊕+⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	YES	STANDARD	NATURAL
93070-4003	91698-4001	NONE	CCT 5,6	⊕⊕⊕⊕+⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	YES	STANDARD	NATURAL
93070-4004	91698-4001	NONE	CCT 6,7	⊕⊕⊕⊕⊕+⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	YES	STANDARD	NATURAL

12 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-4501	91698-4501	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12	YES	STANDARD	NATURAL
93070-4502	91698-4501	NONE	CCT 2, 5, 8, 11	⊕+⊕⊕+⊕⊕+⊕⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12	YES	STANDARD	NATURAL
93070-4503	91698-4501	NONE	CCT 5, 6	⊕⊕⊕⊕+⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12	YES	STANDARD	NATURAL

13 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-5001	91698-5001	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13	YES	STANDARD	NATURAL
93070-5002	91698-5001	NONE	CCT 4, 6, 8, 10, 12	⊕⊕⊕+⊕⊕+⊕⊕+⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13	YES	STANDARD	NATURAL

14 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-5501	91698-5501	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14	YES	STANDARD	NATURAL

15 CIRCUIT							
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-6001	91698-6001	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	YES	STANDARD	NATURAL
93070-6002	91698-6003	o p	CCT 4, 6, 8, 10, 12, 14	⊕⊕⊕+⊕+⊕+⊕+⊕+⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	YES	STANDARD	NATURAL
93070-6003	91698-6002	a d g i j n o p	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	YES	STANDARD	NATURAL

NOTES:

1. ⊕ DENOTES TERMINAL VOIDED POSITION.

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DIMENSION UNITS

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THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

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RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

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