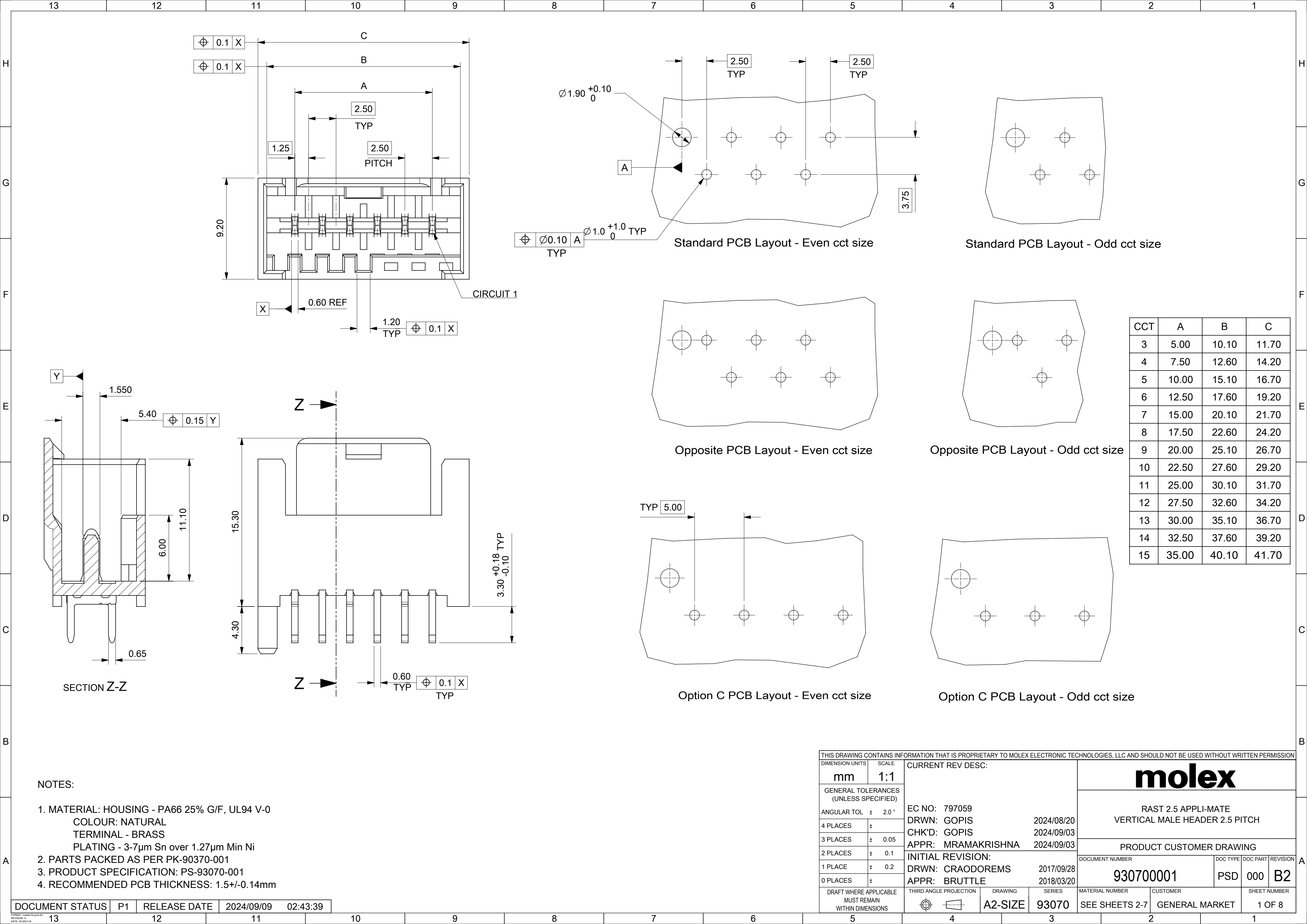




NOTES:

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-90370-001
3. PRODUCT SPECIFICATION: PS-93070-001
4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/09	02:43:39
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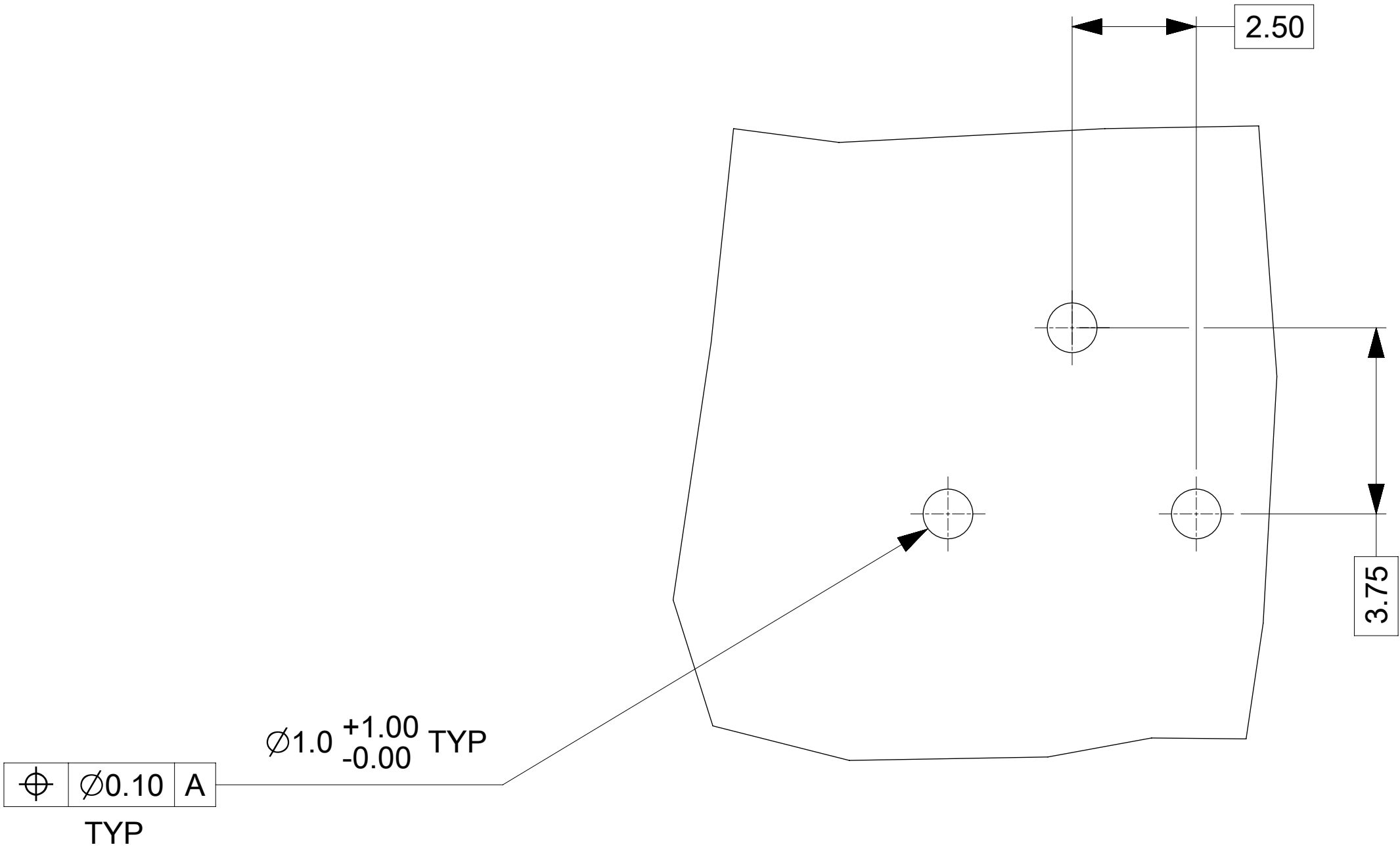
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
mm		1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 797059 DRWN: GOPIS 2024/08/20 CHK'D: GOPIS 2024/09/03 APPR: MRAMAKRISHNA 2024/09/03 RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH						
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	
							A2-SIZE		93070	
							PRODUCT CUSTOMER DRAWING			
				DOCUMENT NUMBER 930700001			DOC TYPE	DOC PART	REVISION	
							PSD	000	B2	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				SEE SHEETS 2-7		GENERAL MARKET		1 OF 8		

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

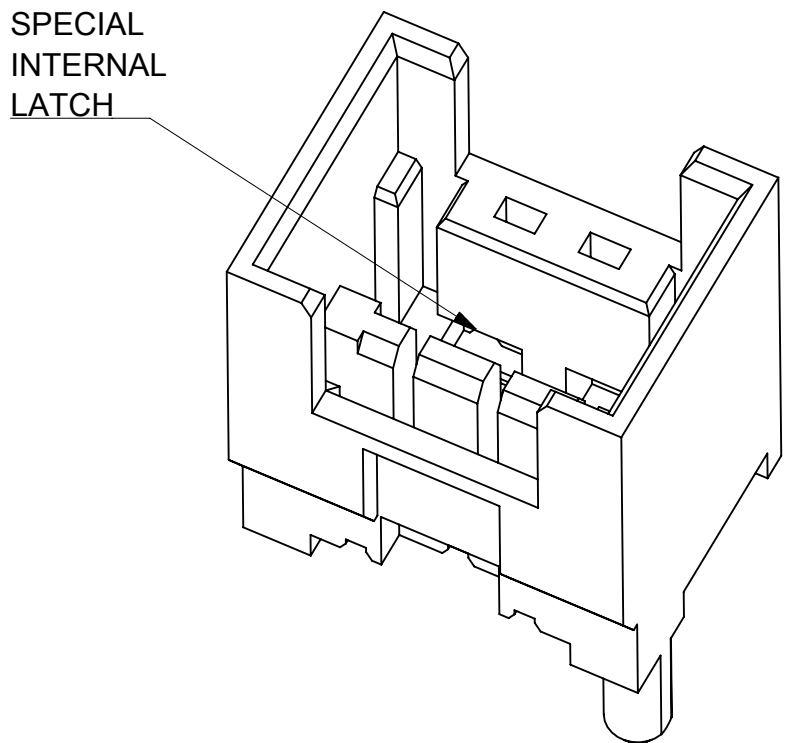
3 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)

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

B1



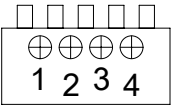
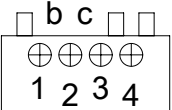
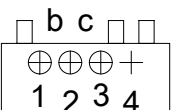
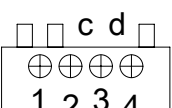
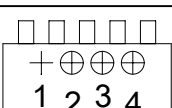
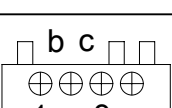
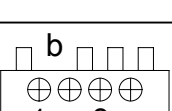
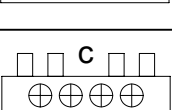
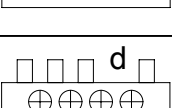
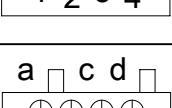
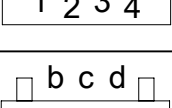
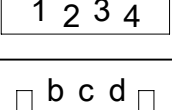
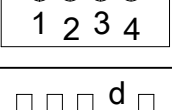
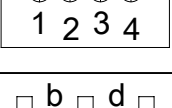
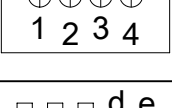
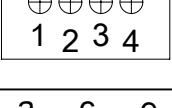
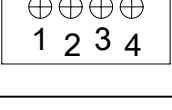
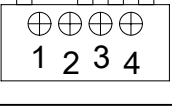
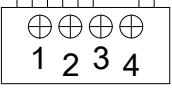
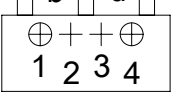
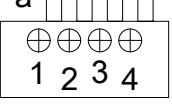
RECOMMENDED PCB LAYOUT FOR P/N: 93070-0017



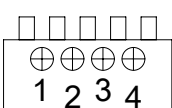
- NOTES:
- 1. + DENOTES TERMINAL VOIDED POSITION.
 - ⊕ DENOTES TERMINAL LOADED POSITION.
 - DENOTES SPECIAL INTERNAL LATCHING.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC:											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 2.0 °		EC NO: 797059 DRWN: GOPIS 2024/08/20 CHK'D: GOPIS 2024/09/03 APPR: MRAMAKRISHNA 2024/09/03				RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH							
4 PLACES		±													
3 PLACES		± 0.05		INITIAL REVISION: DRWN: CRAODOREMS 2017/09/28 APPR: BRUTTLE 2018/03/20				PRODUCT CUSTOMER DRAWING							
2 PLACES		± 0.1													
1 PLACE		± 0.2		DOCUMENT NUMBER 930700001				DOC TYPE PSD		DOC PART 000		REVISION B2			
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A1-SIZE		SERIES 93070		MATERIAL NUMBER SEE SHEETS 2-7		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 8	

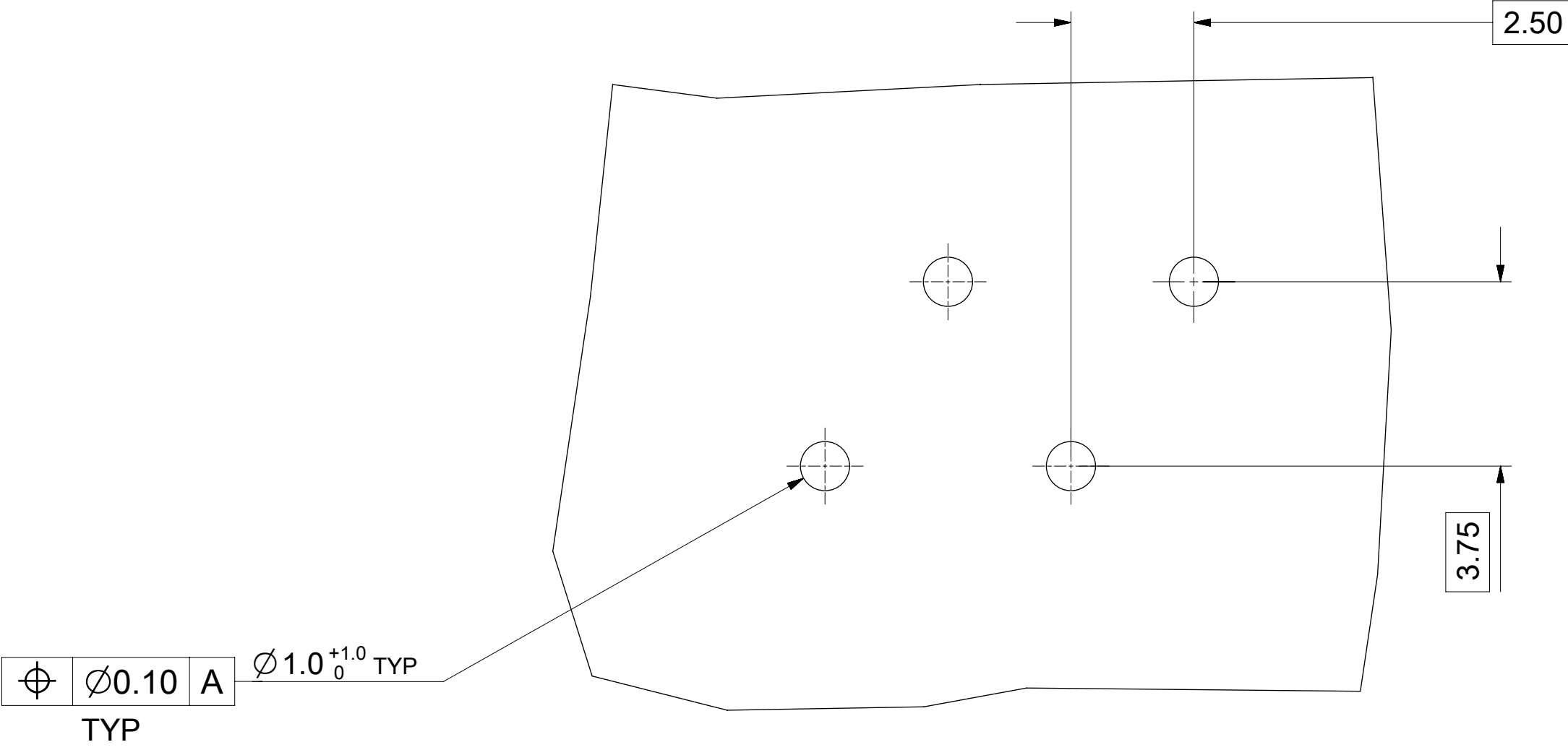
4 CIRCUIT

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

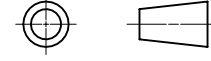
4 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)

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

B1

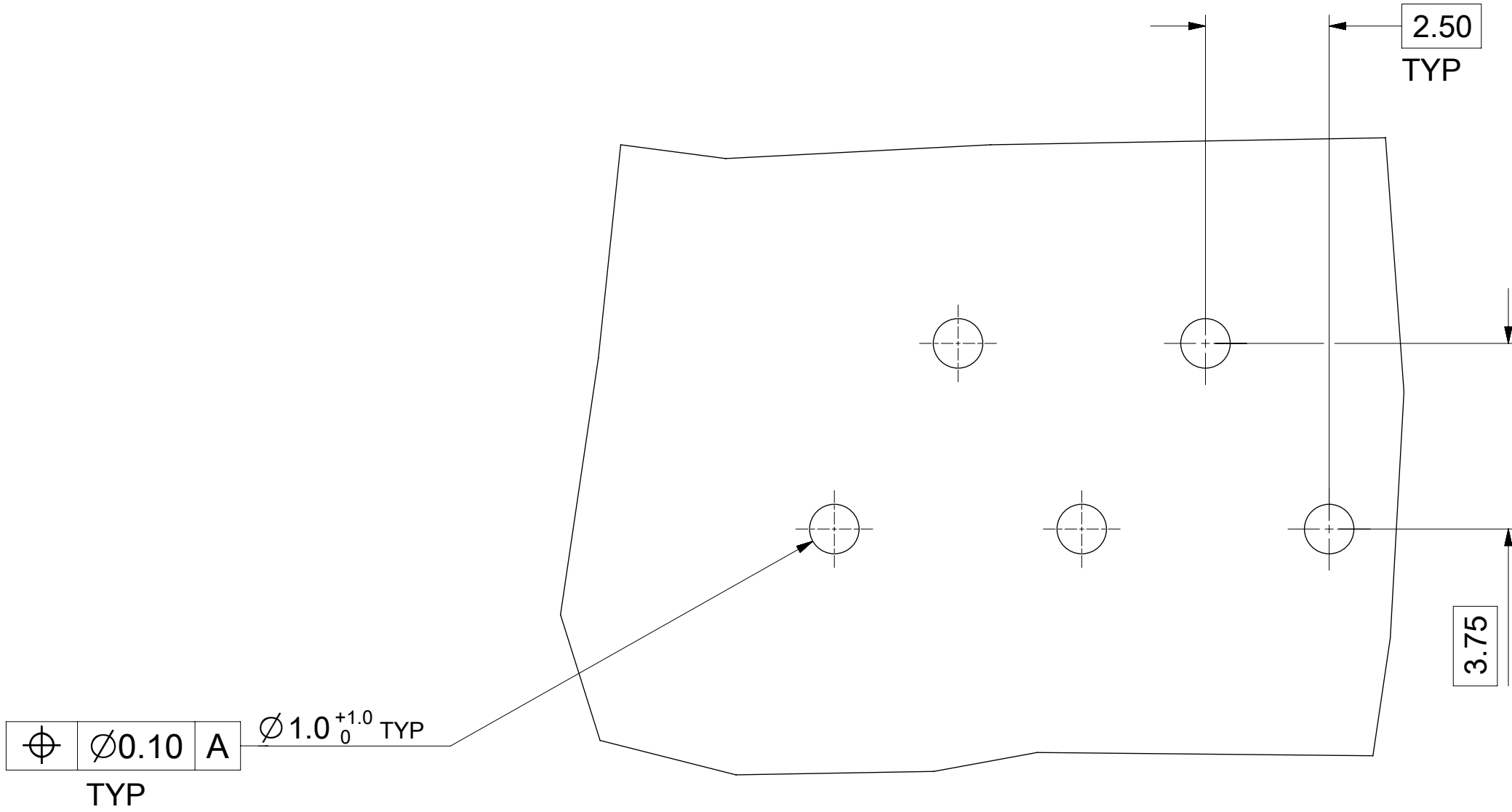


RECOMMENDED PCB LAYOUT FOR P/N: 93070-0521

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DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC:									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		± 2.0 °		EC NO: 797059 DRWN: GOPIS 2024/08/20 CHK'D: GOPIS 2024/09/03 APPR: MRAMAKRISHNA 2024/09/03 INITIAL REVISION: DRWN: CRAODOREMS 2017/09/28 APPR: BRUTTLE 2018/03/20				PRODUCT CUSTOMER DRAWING					
4 PLACES		±						DOCUMENT NUMBER			DOC TYPE		
3 PLACES		± 0.05						930700001			PSD		
2 PLACES		± 0.1						000			000		
1 PLACE		± 0.2						B2			REVISION		
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING 		SERIES A1-SIZE		SHEET NUMBER 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	YES	STANDARD	NATURAL
93070-1003	91698-1008	a d f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	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	YES	STANDARD	NATURAL
93070-1005	91698-1007	a b e f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1006	91698-1011	b c d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1007	91698-1014	c d	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	RED
93070-1008	91698-1017	a b e f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	BLUE
93070-1009	91698-1028	b c d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	BLUE
93070-1010	91698-1018	d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1011	91698-1019	b d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1012	91698-1020	a c f	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1013	91698-1021	a b c d	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1014	91698-1022	a b d e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1015	91698-1023	a b c e	NONE	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	NATURAL
93070-1016	91698-1024	b d e	CCT 4	⊕⊕⊕⊕⊕ 1 2 3 4 5	YES	STANDARD	GREEN

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	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		CURRENT REV DESC:				molex											
mm		1:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 797059 DRWN: GOPIS 2024/08/20 CHK'D: GOPIS 2024/09/03 APPR: MRAMAKRISHNA 2024/09/03 INITIAL REVISION: DRWN: CRAODOREMS 2017/09/28 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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
								A1-SIZE		93070		930700001		PSD		000		B2	
										MATERIAL NUMBER		CUSTOMER							
										SEE SHEETS 2-7		GENERAL MARKET							
												SHEET NUMBER							
												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	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: 797059
DRWN: GOPIS 2024/08/20
CHK'D: GOPIS 2024/09/03
APPR: MRAMAKRISHNA 2024/09/03

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

DOCUMENT NUMBER

930700001

DOC TYPE

PSD

DOC PART

000

REVISION

B2

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEETS 2-7

GENERAL MARKET

5 OF 8

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 ⊕+⊕⊕⊕+⊕ 1 2 3 4 5 6 7 f	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 ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7 e	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 ⊕⊕⊕+⊕⊕⊕ 1 2 3 4 5 6 7 f	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 ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 c e f h i	YES	STANDARD	NATURAL
93070-2506	91698-2508	a b d f h i	CCT 7, 8	a b ⊕⊕⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7 8 d f h i	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⊕⊕i ⊕⊕⊕⊕⊕⊕⊕⊕ 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 ±

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: 797059

DRWN: GOPIS 2024/08/20

CHK'D: GOPIS 2024/09/03

APPR: MRAMAKRISHNA 2024/09/03

INITIAL REVISION:

DRWN: CRAODOREMS 2017/09/28

APPR: BRUTTLE 2018/03/20

DOCUMENT NUMBER

930700001

DOC TYPE

PSD

DOC PART

000

REVISION

B2

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEETS 2-7

GENERAL MARKET

6 OF 8

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	⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL
93070-3002	91698-3003	ALL	CCT 2, 5, 8	a b c d e f g h i j ⊕ + ⊕ ⊕ + ⊕ ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL
93070-3101	91698-3001	NONE	CCT 3, 5, 8	⊕ ⊕ + ⊕ + ⊕ ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	OPPOSITE	NATURAL
93070-3003	91698-3004	c d e i j	CCT 3, 5, 8	c d e i j ⊕ ⊕ + ⊕ + ⊕ ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL
93070-3004	91698-3001	NONE	CCT 2, 5, 8	⊕ + ⊕ ⊕ + ⊕ ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL
93070-3005	91698-3006	b c d e f g i	CCT 3, 5, 8	b c d e f g i ⊕ ⊕ + ⊕ + ⊕ ⊕ + ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL
93070-3006	91698-3010	a d e f g j	NONE	a d e f g j ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL

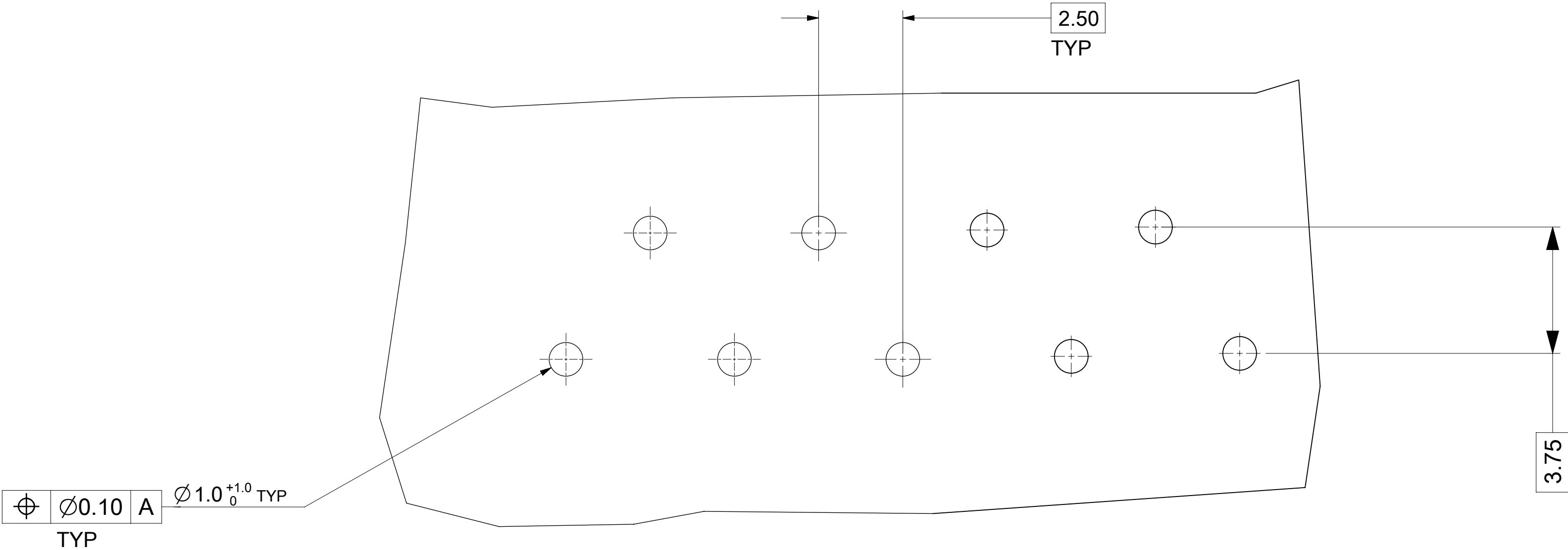
10 CIRCUIT

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 h 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

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	⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9	YES	STANDARD	NATURAL

B1



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:

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INITIAL REVISION:
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THIRD ANGLE PROJECTION
DRAWING
A1-SIZE

SERIES
93070

molex

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

930700001

DOC TYPE

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DOC PART

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REVISION

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CUSTOMER

SHEET NUMBER

SEE SHEETS 2-7

GENERAL MARKET

7 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/09 02:43:39
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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

B1

B2

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

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	a ⊕ ⊕ d ⊕ ⊕ g ⊕ i j ⊕ ⊕ ⊕ n o p ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 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
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THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

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CUSTOMER

GENERAL MARKET

SHEET NUMBER

8 OF 8

molex

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

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