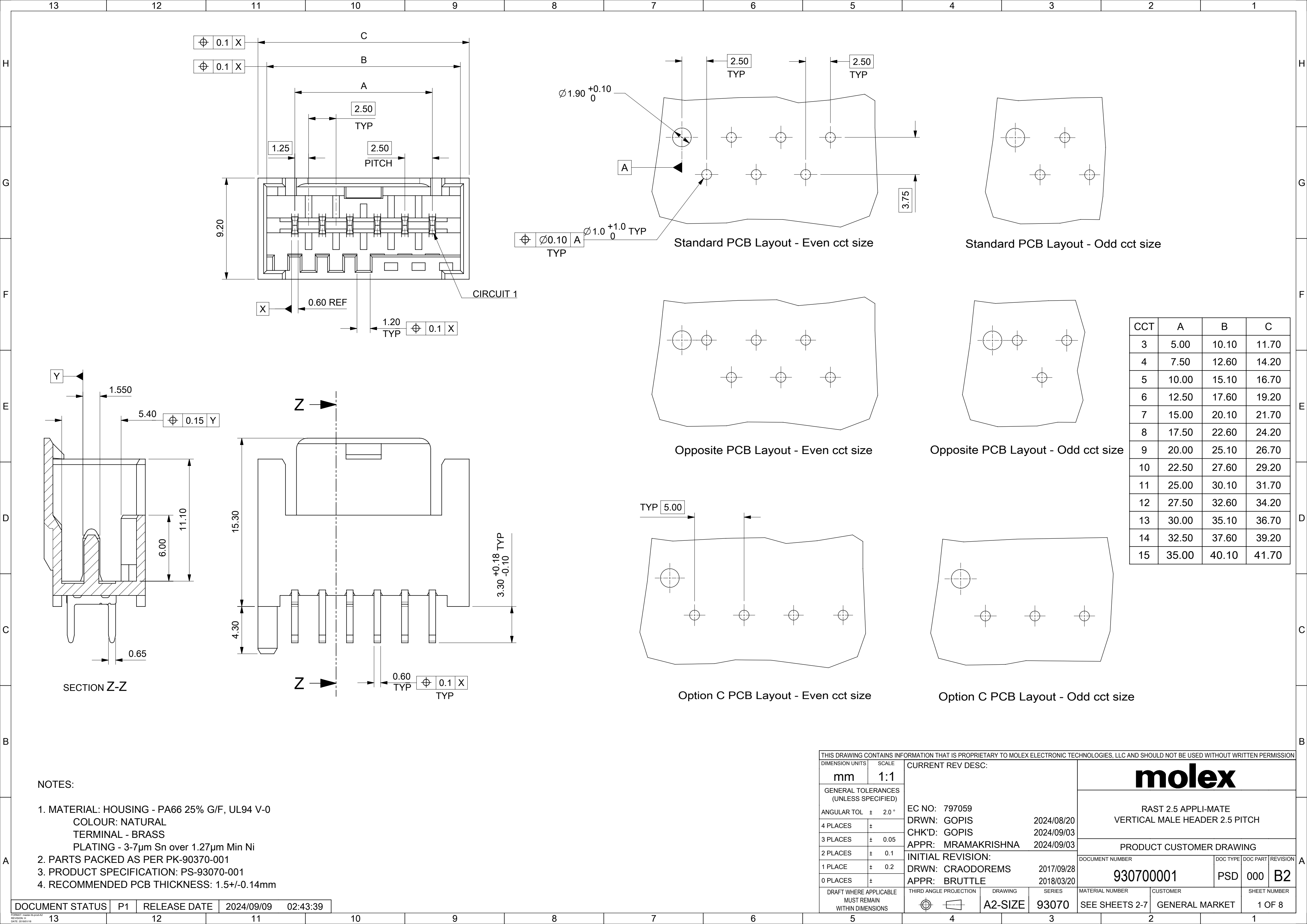




NOTES:

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
-----------------	----	--------------	------------	----------

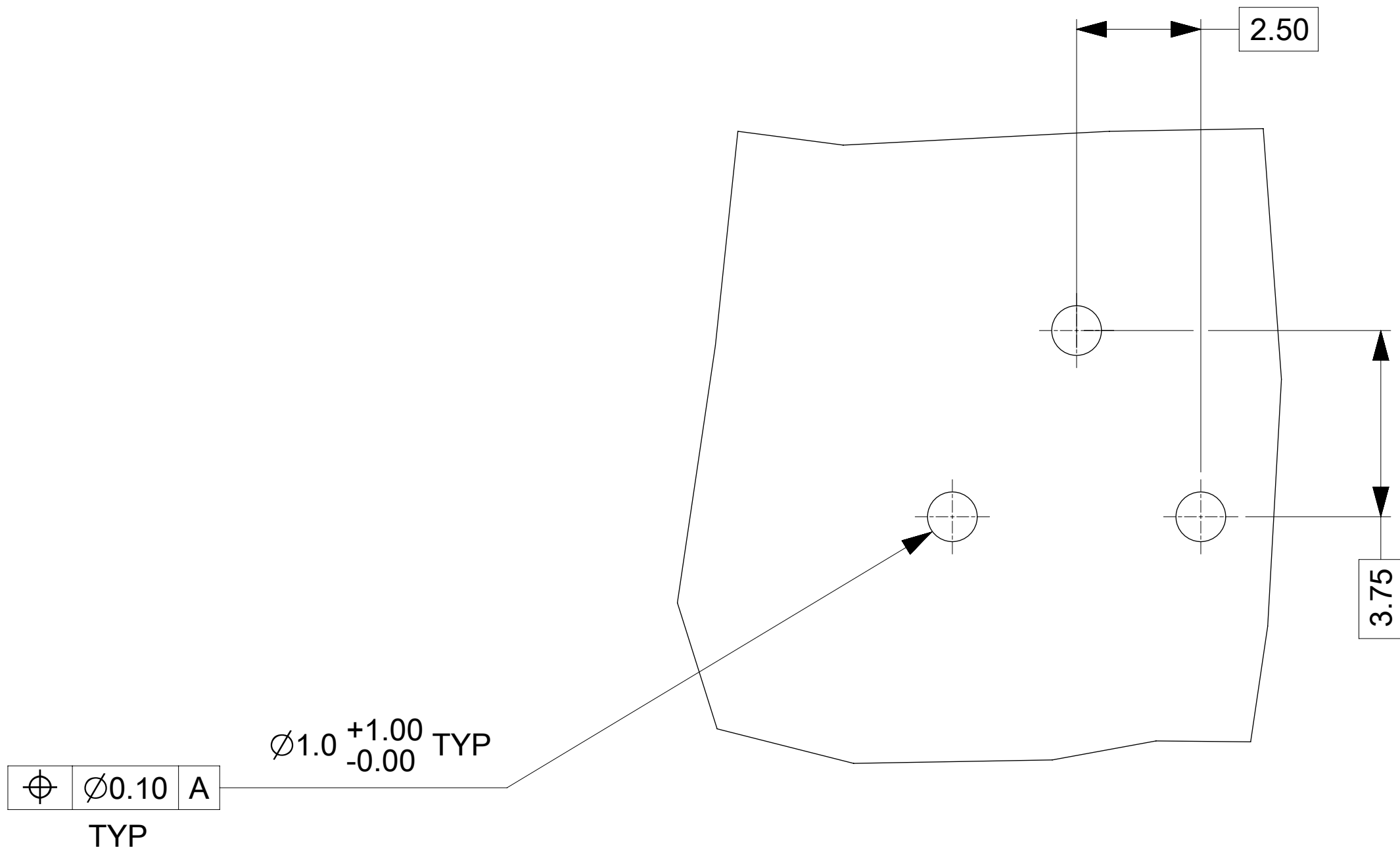
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
mm		1:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 797059 DRWN: GOPIS 2024/08/20 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 A2-SIZE		SERIES 93070		PRODUCT CUSTOMER DRAWING			
											DOCUMENT NUMBER 930700001			DOC TYPE PSD
									MATERIAL NUMBER SEE SHEETS 2-7		CUSTOMER GENERAL MARKET		SHEET NUMBER 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

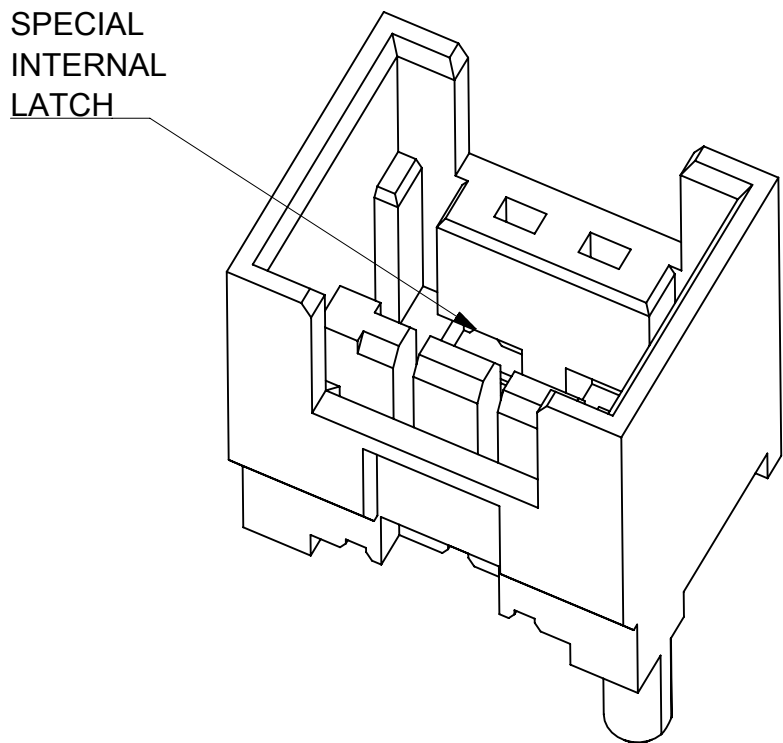
3 CIRCUIT WITHOUT PEG OPTION (CUSTOMIZED PART)

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

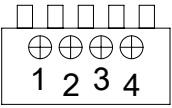
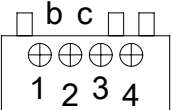
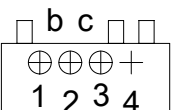
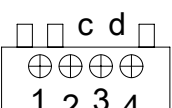
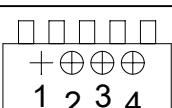
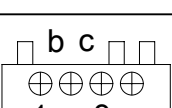
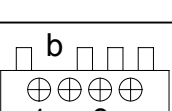
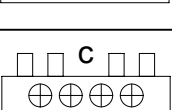
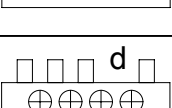
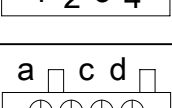
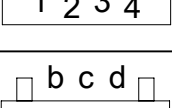
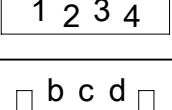
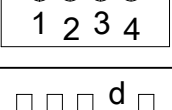
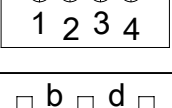
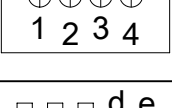
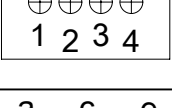
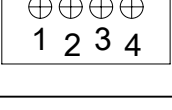
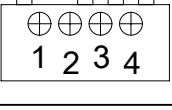
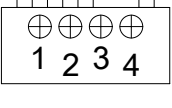
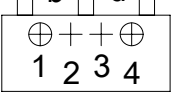
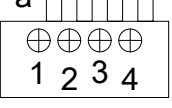


NOTES:

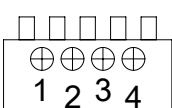
1. + DENOTES TERMINAL VOIDED POSITION.
- ⊕ DENOTES TERMINAL LOADED POSITION.
- DENOTES SPECIAL INTERNAL LATCHING.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		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											
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				RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH											
				PRODUCT CUSTOMER DRAWING											
				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
				930700001				PSD		000		B2			
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A1-SIZE		93070		SEE SHEETS 2-7		GENERAL MARKET		2 OF 8	

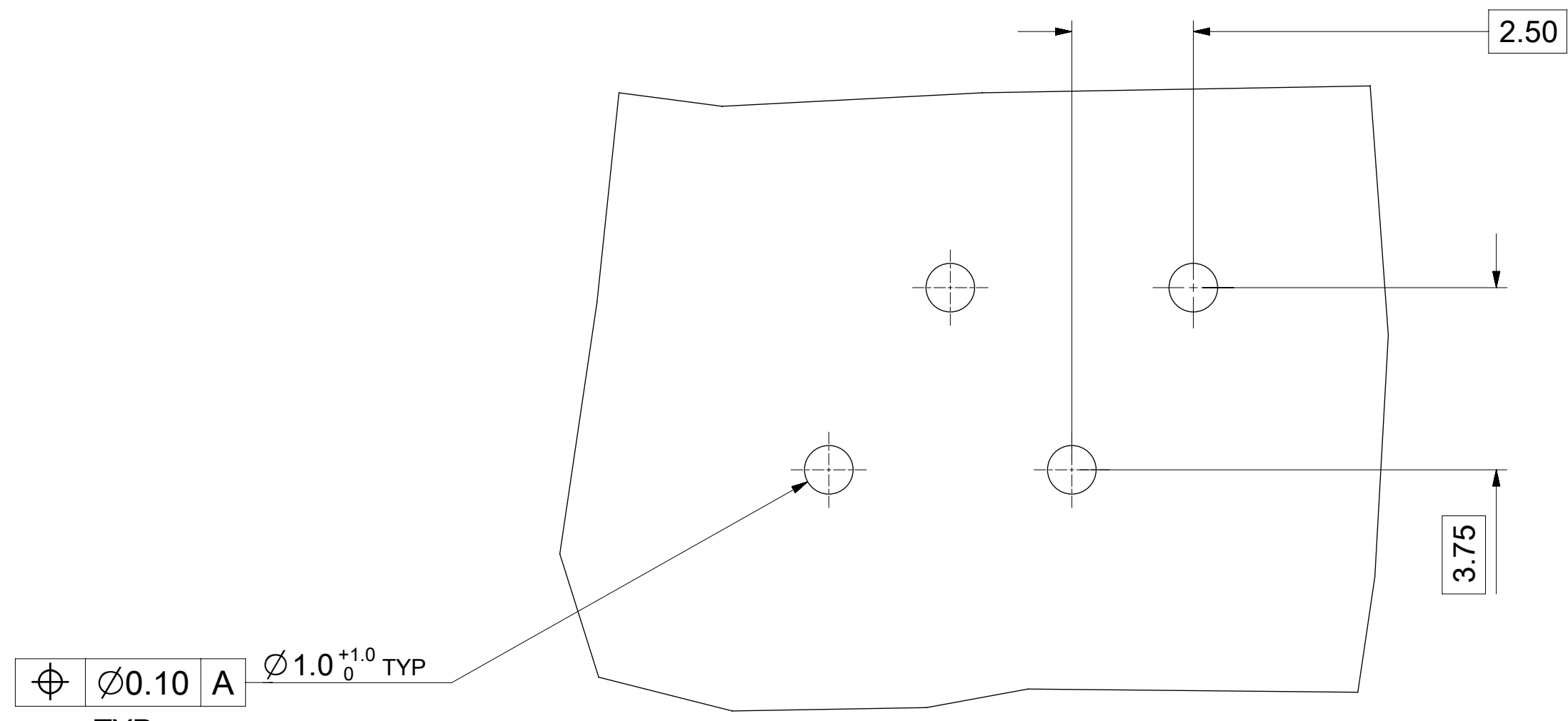
4 CIRCUIT

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

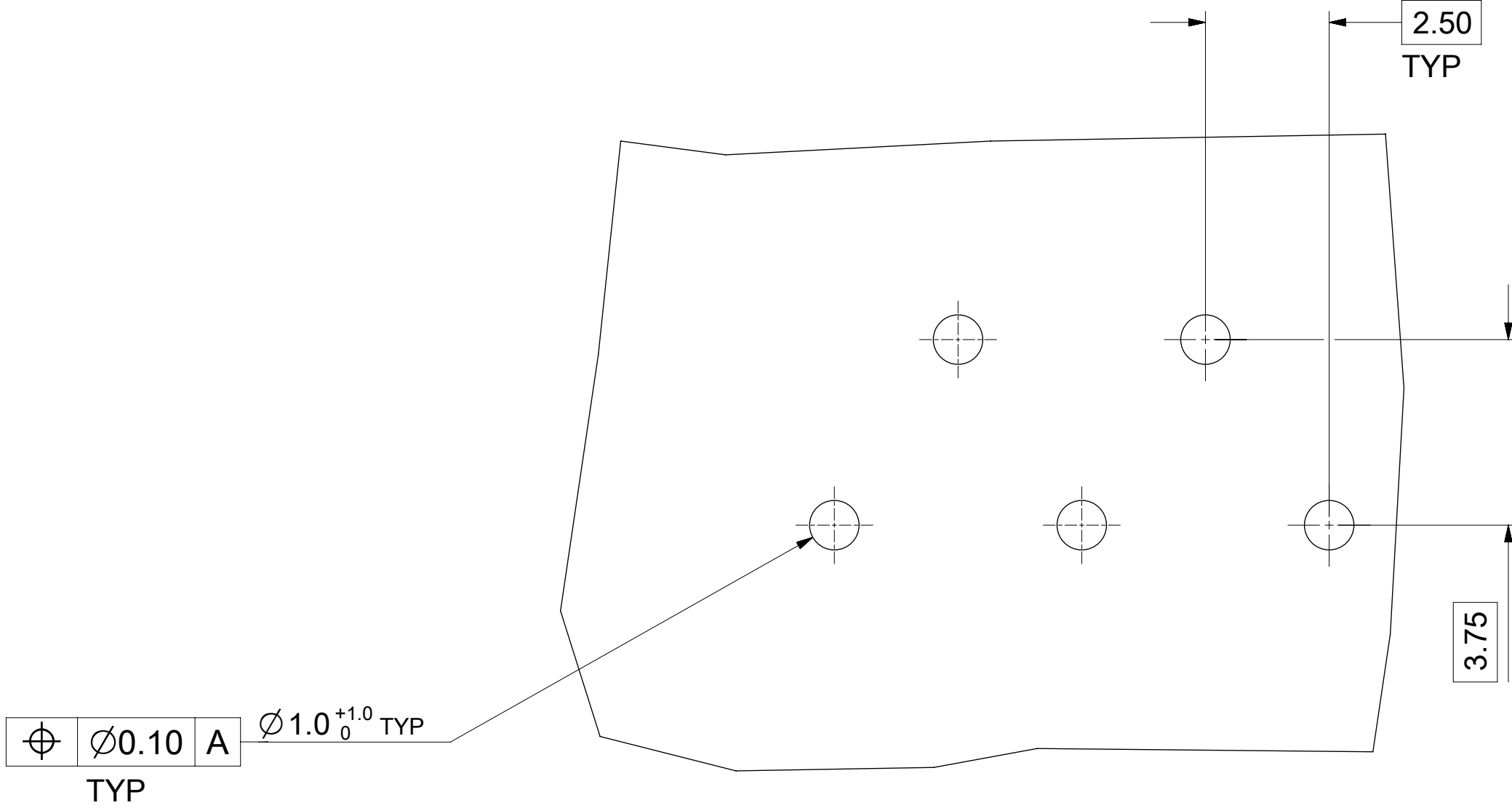


RECOMMENDED PCB LAYOUT FOR P/N: 93070-0521

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 INITIAL REVISION: DRWN: CRAODOREMS 2017/09/28 APPR: BRUTTLE 2018/03/20				PRODUCT CUSTOMER DRAWING									
4 PLACES		±						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
3 PLACES		± 0.05						930700001				PSD		000		B2	
2 PLACES		± 0.1						MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
1 PLACE		± 0.2						GENERAL MARKET				3 OF 8					
0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A1-SIZE		SERIES 93070							

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.

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 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		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A1-SIZE		93070		SEE SHEETS 2-7		GENERAL MARKET		4 OF 8			
DOCUMENT STATUS							DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION	
P1							2024/09/09 02:43:39					930700001		PSD		000 B2	

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

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

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

SEE SHEETS 2-7

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 8

DOCUMENT STATUS

P1

RELEASE DATE

2024/09/09 02:43:39

18

17

16

15

14

13

12

11

10

9

8

7

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 ⊕+⊕⊕⊕+⊕ 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⊕ ⊕⊕⊕⊕⊕⊕⊕⊕ 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.

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

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

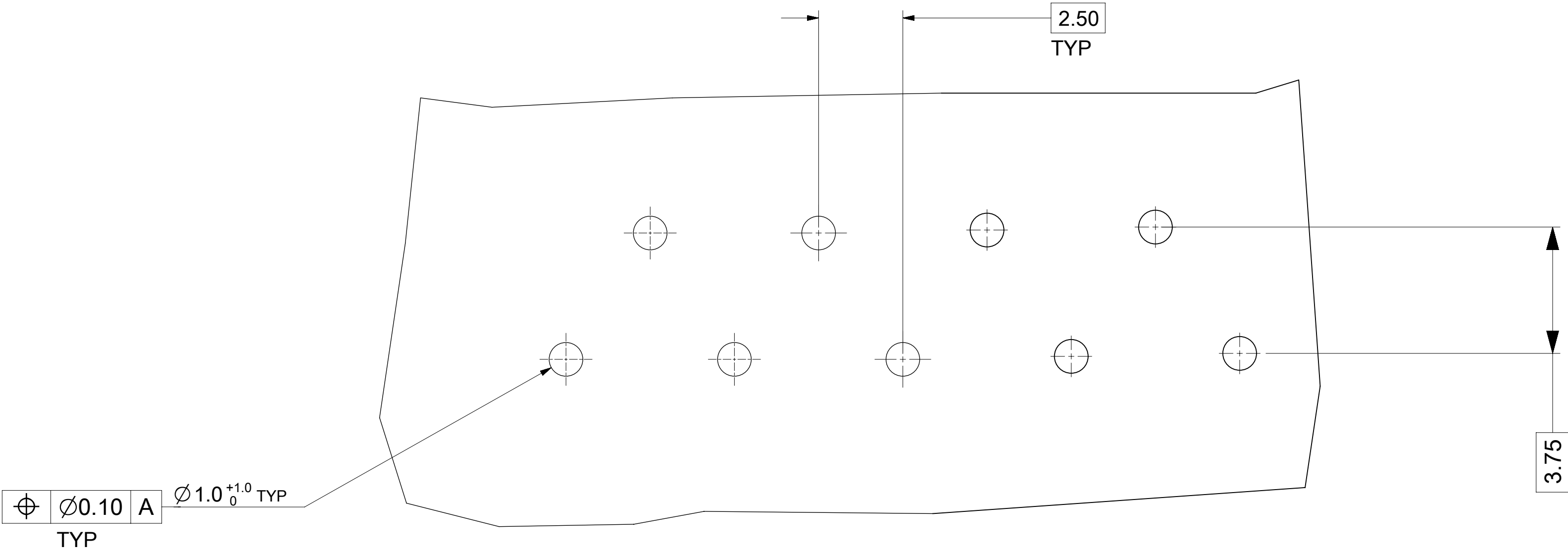
6 OF 8

18		17		16		15		14		13		12		11	
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								

9	8	7	6	5	4	3	2	
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	

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

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: 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

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	DOC TYPE	DOC PART	REVISION
930700001	PSD	000	B2

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

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	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 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

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

SEE SHEETS 2-7

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

P1

RELEASE DATE

2024/09/09 02:43:39