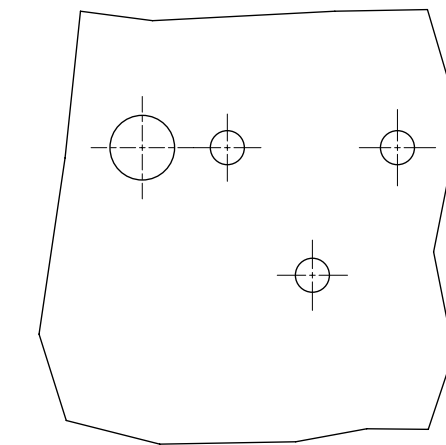
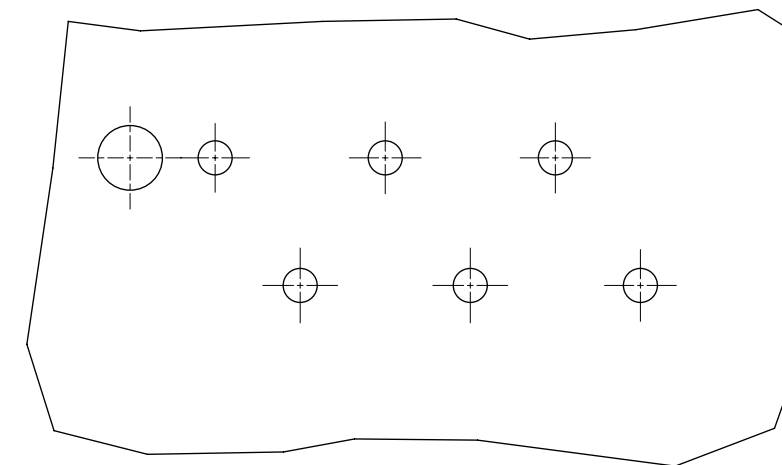
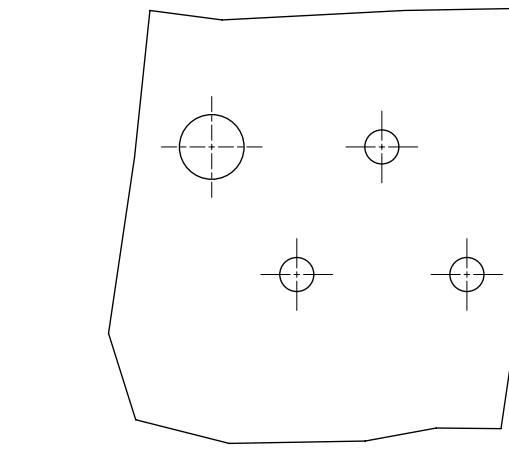
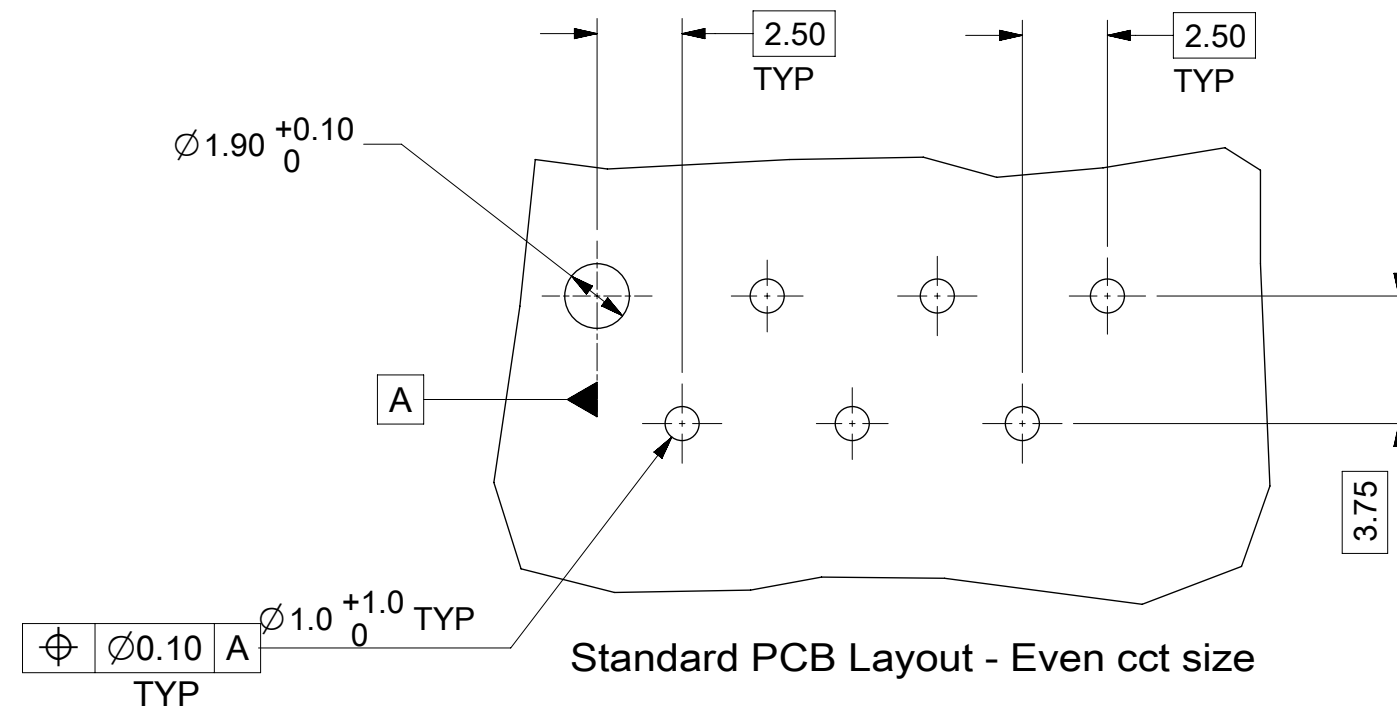
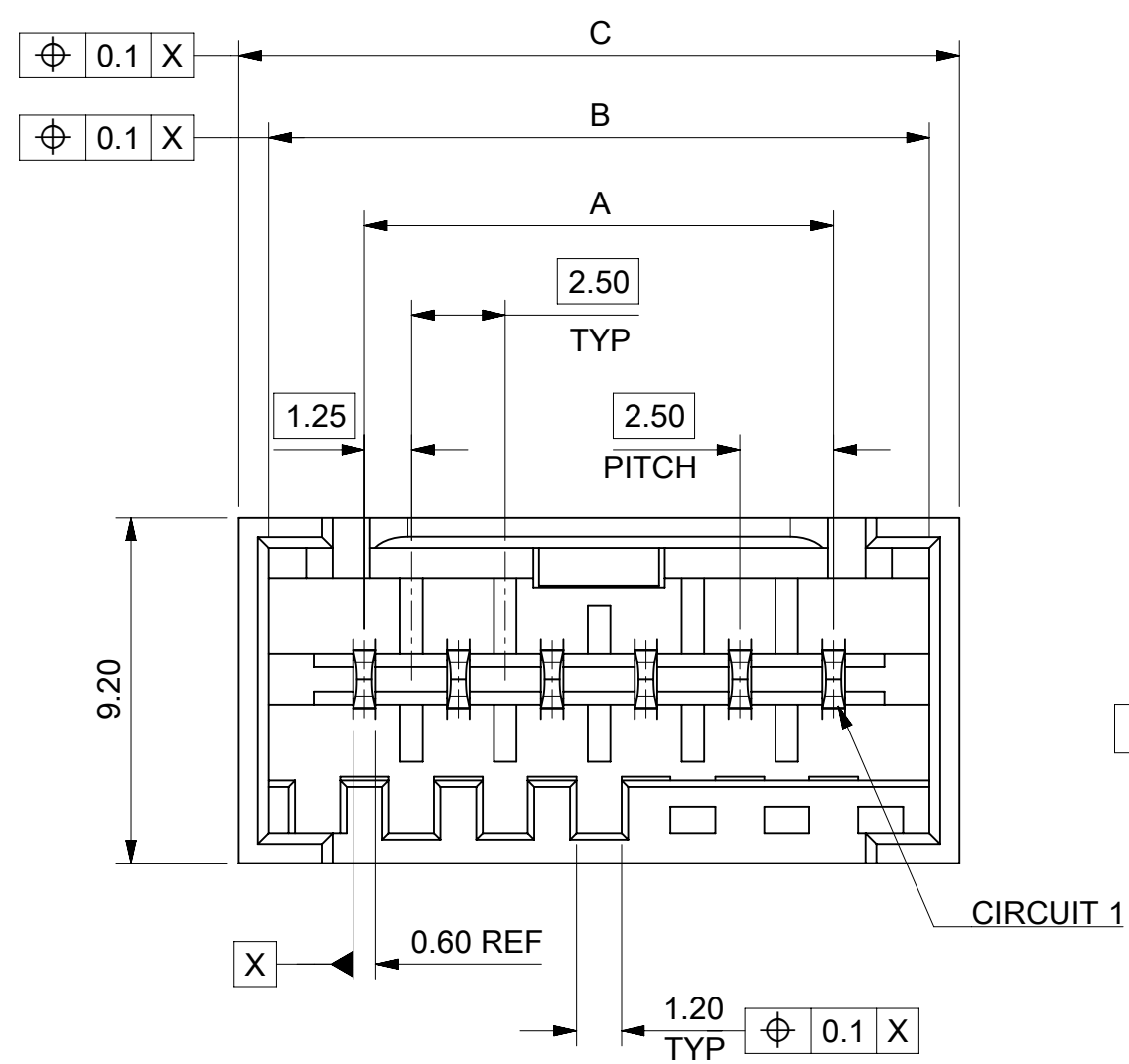
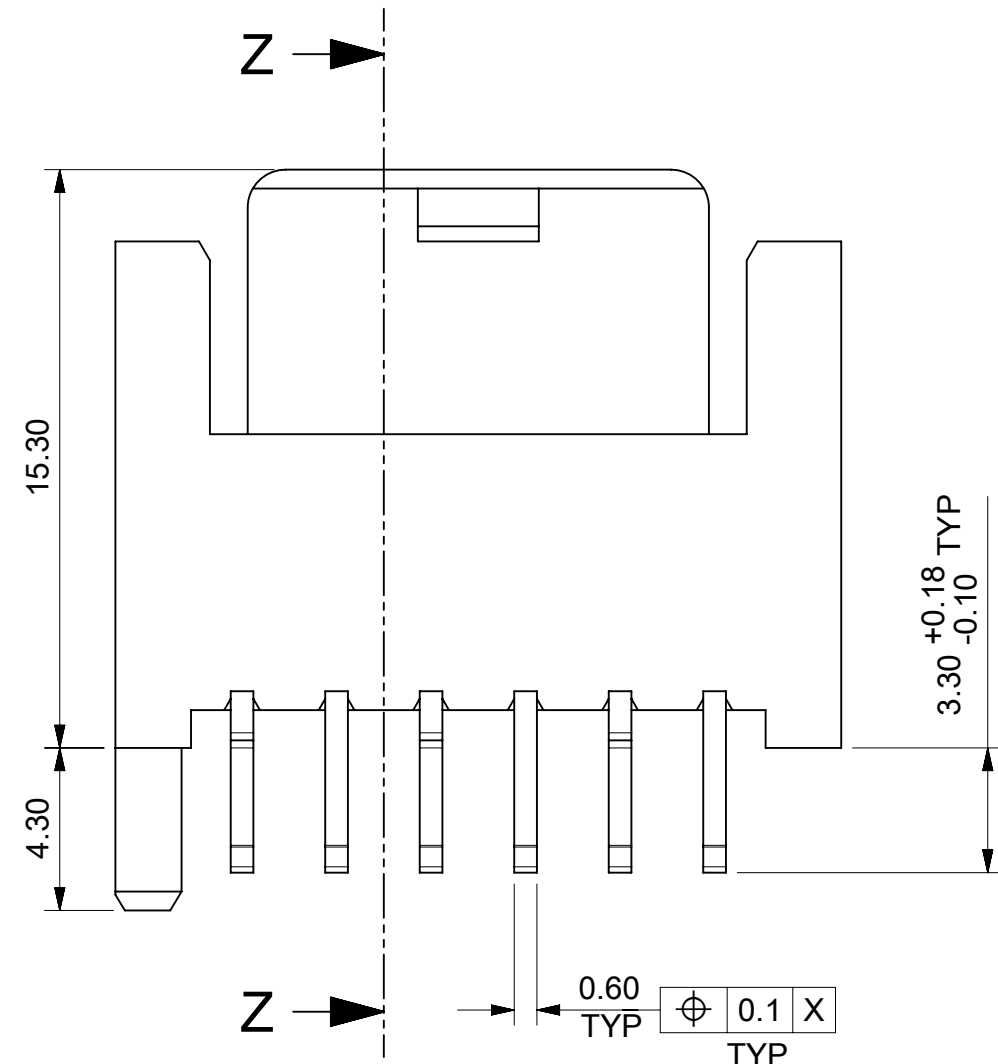
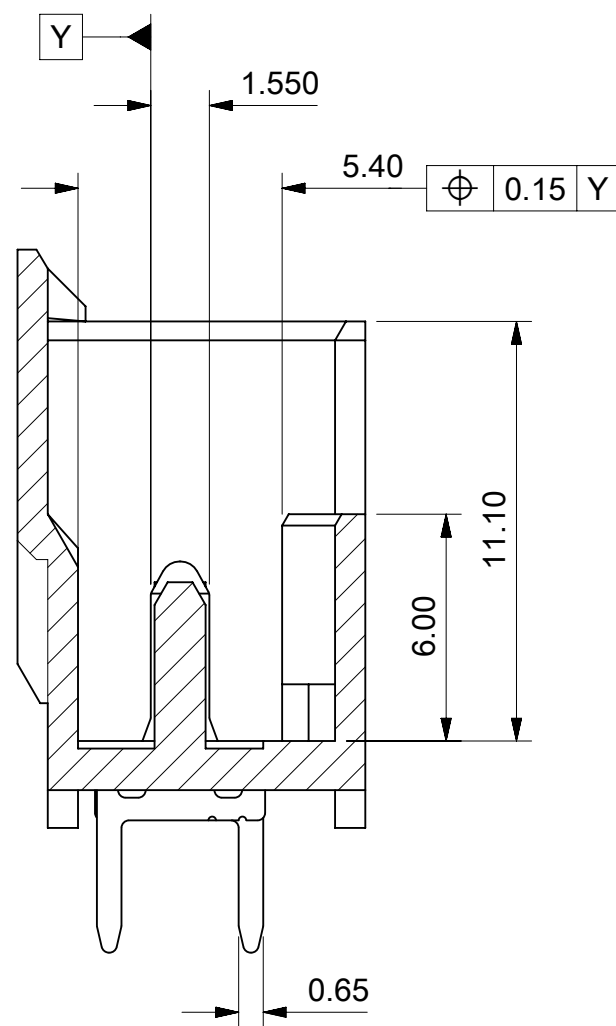
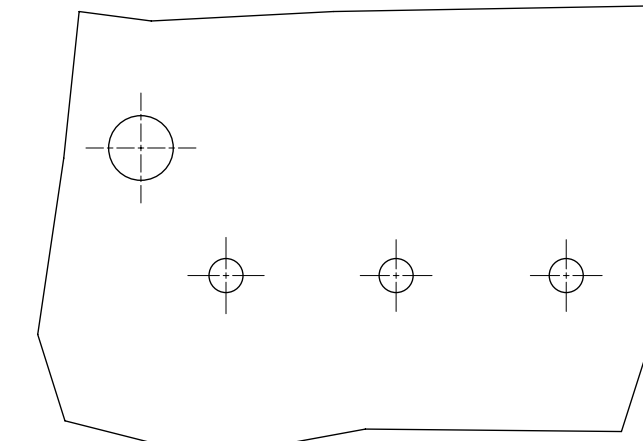
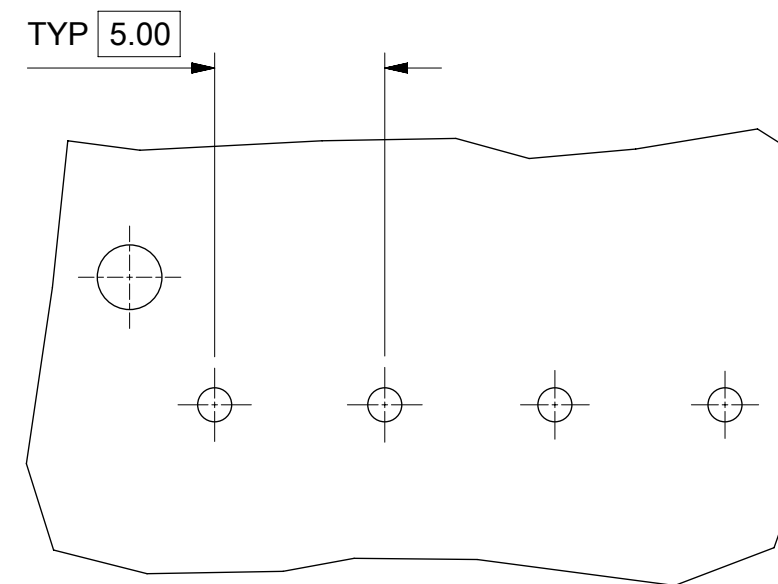


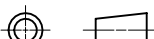


CCT	A	B	C
3	5.00	10.10	11.70
4	7.50	12.60	14.20
5	10.00	15.10	16.70
6	12.50	17.60	19.20
7	15.00	20.10	21.70
8	17.50	22.60	24.20
9	20.00	25.10	26.70
10	22.50	27.60	29.20
11	25.00	30.10	31.70
12	27.50	32.60	34.20
13	30.00	35.10	36.70
14	32.50	37.60	39.20
15	35.00	40.10	41.70

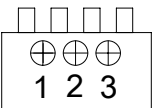
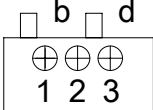
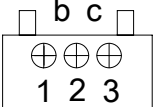
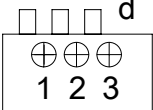
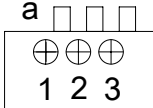
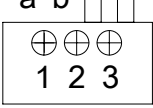
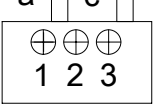
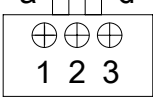
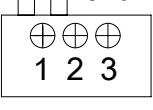
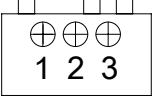
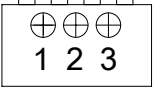
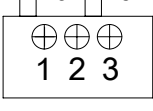
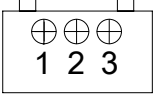
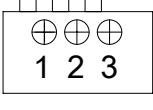
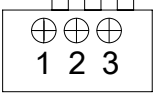
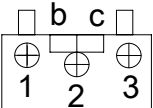


NOTES:

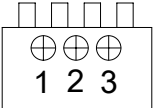
1. MATERIAL: HOUSING - PA66 25% G/F, UL94 V-0
COLOUR: NATURAL
TERMINAL - BRASS
PLATING - 3-7µm Sn over 1.27µm Min Ni
2. PARTS PACKED AS PER PK-90370-001
3. PRODUCT SPECIFICATION: PS-93070-001
4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

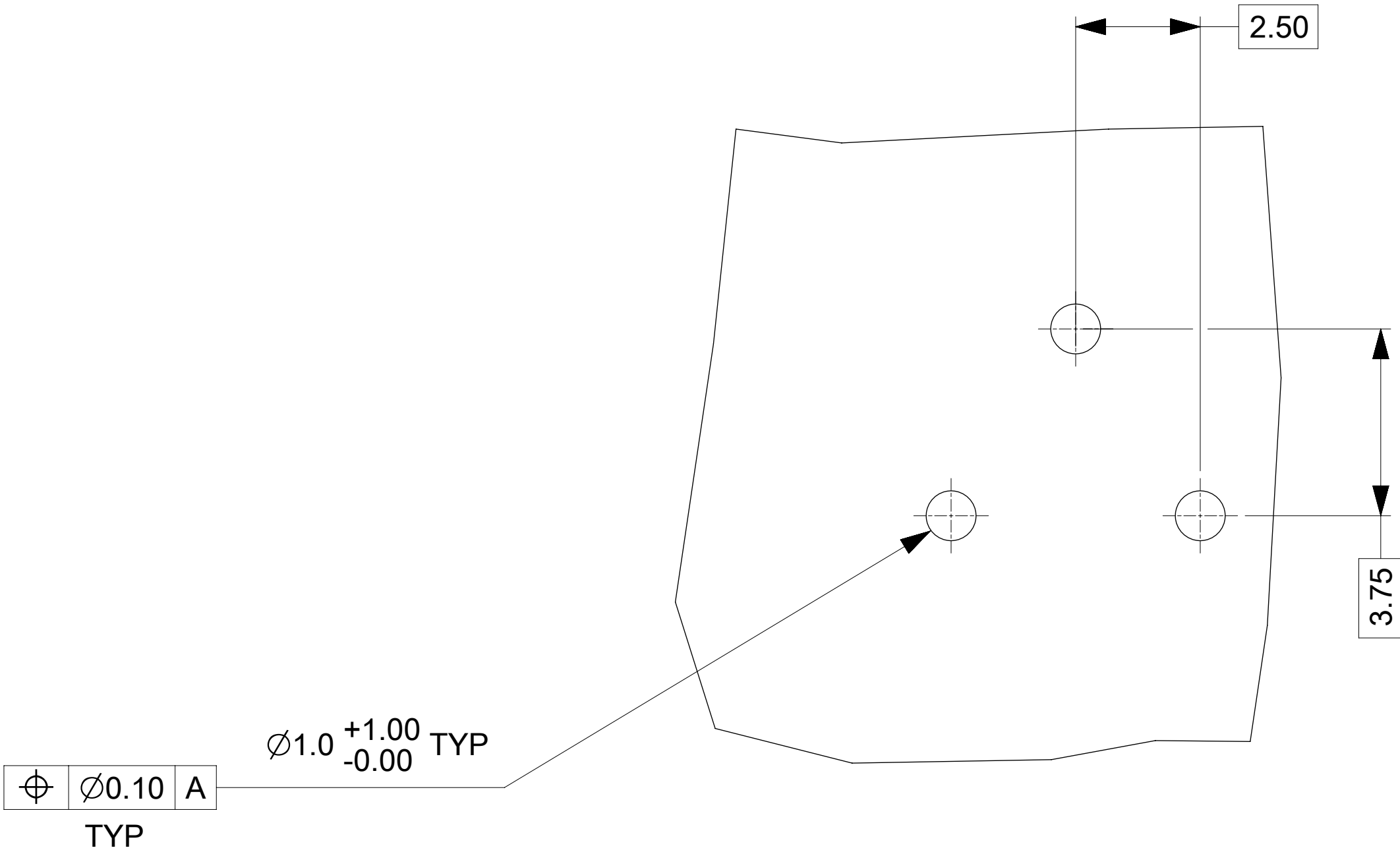
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 831787 DRWN: PRAMOD 2025/08/18 CHK'D: GANESY 2025/08/19 APPR: GANESY 2025/08/19				FAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH							
ANGULAR TOL ± 2.0 °															
4 PLACES		±													
3 PLACES		± 0.05						PRODUCT CUSTOMER DRAWING							
2 PLACES		± 0.1													
1 PLACE		± 0.2		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A2-SIZE		93070		SEE SHEETS 2-7		GENERAL MARKET		1 OF 8	

3 CIRCUIT

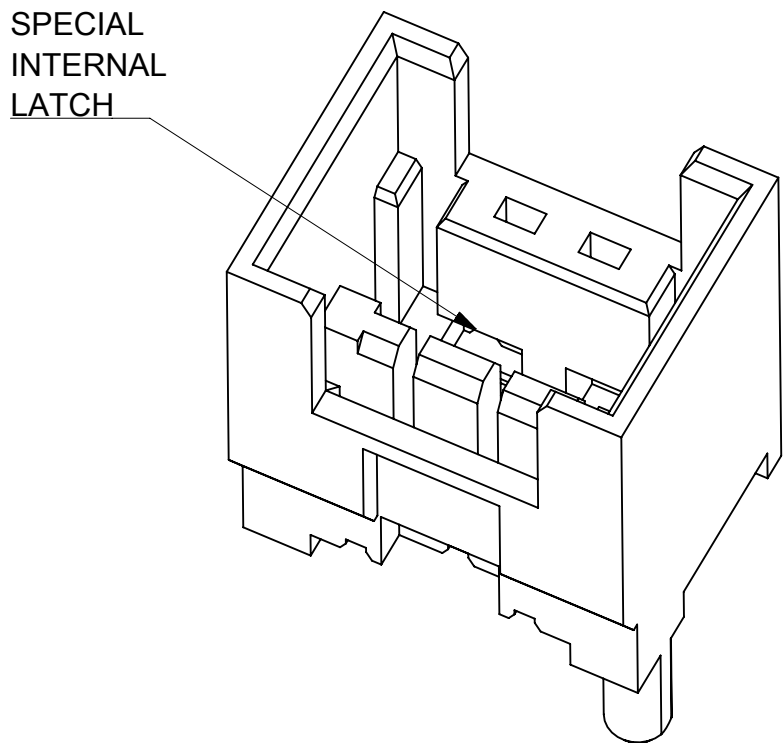
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-0001	91698-0001	NONE	NONE		YES	STANDARD	NATURAL
93070-0002	91698-0007	b d	NONE		YES	STANDARD	NATURAL
93070-0003	91698-0010	b c	NONE		YES	STANDARD	NATURAL
93070-0004	91698-0006	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



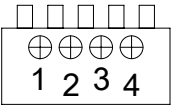
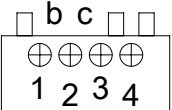
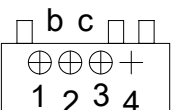
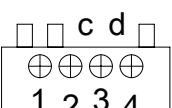
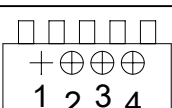
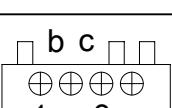
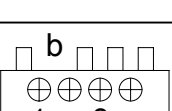
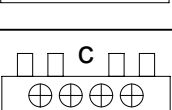
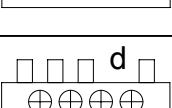
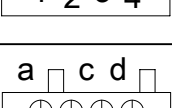
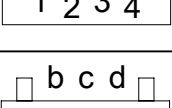
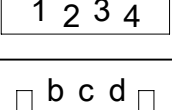
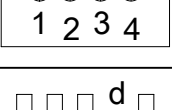
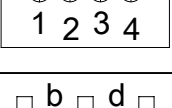
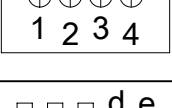
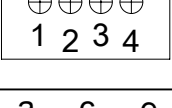
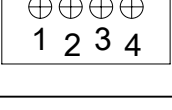
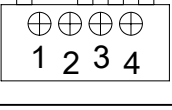
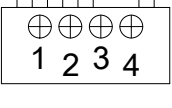
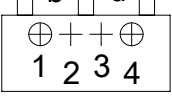
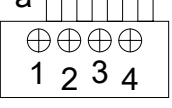
RECOMMENDED PCB LAYOUT FOR P/N: 93070-0017



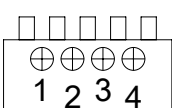
- NOTES:
- 1. + DENOTES TERMINAL VOIDED POSITION.
 - ⊕ DENOTES TERMINAL LOADED POSITION.
 -  DENOTES SPECIAL INTERNAL LATCHING.

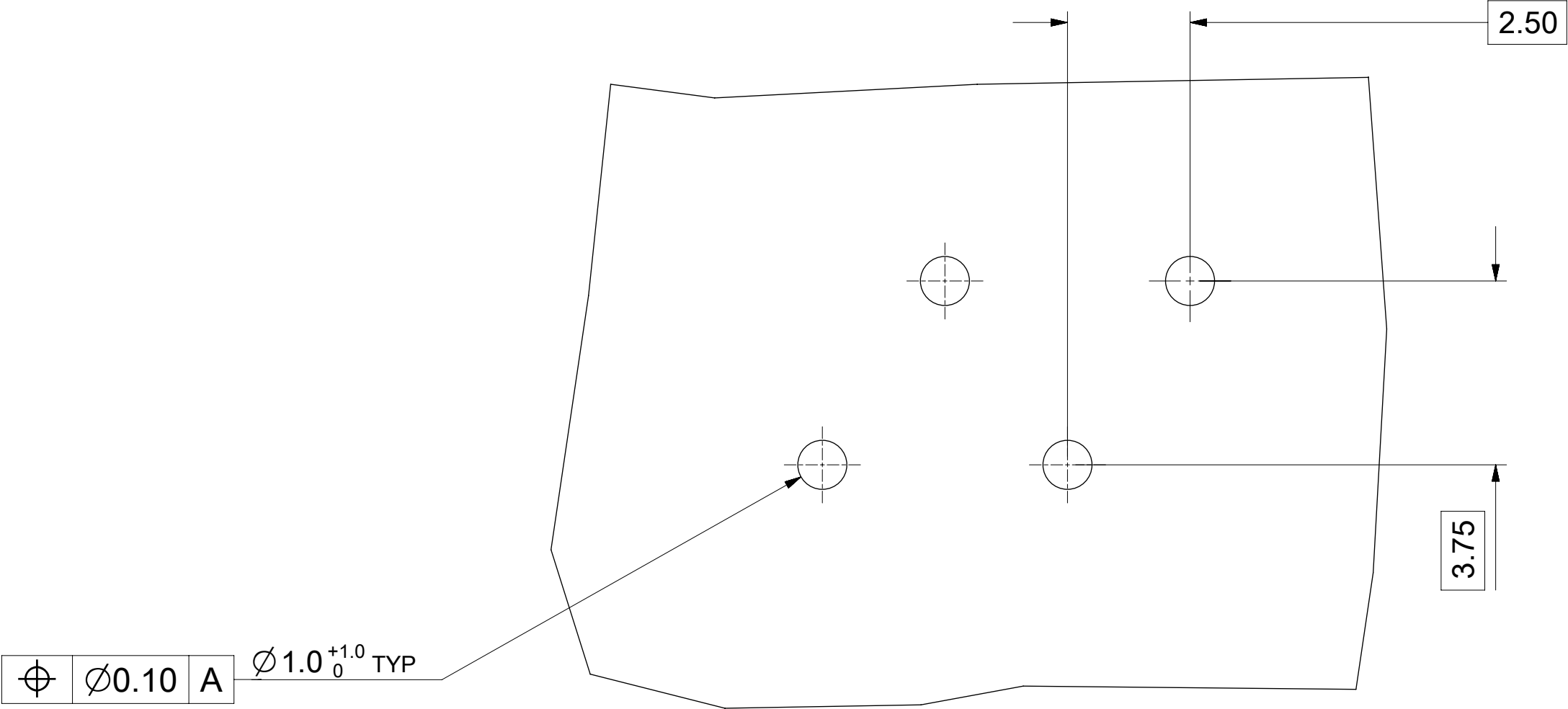
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex						
mm		1:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 831787 DRWN: PRAMOD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

4 CIRCUIT

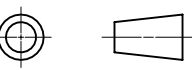
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	HOUSING COLOUR
93070-0501	91698-0501	NONE	NONE		YES	STANDARD	NATURAL
93070-0502	91698-0507	b c	NONE		YES	STANDARD	NATURAL
93070-0503	91698-0507	b c	CCT 4		YES	STANDARD	NATURAL
93070-0504	91698-0512	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



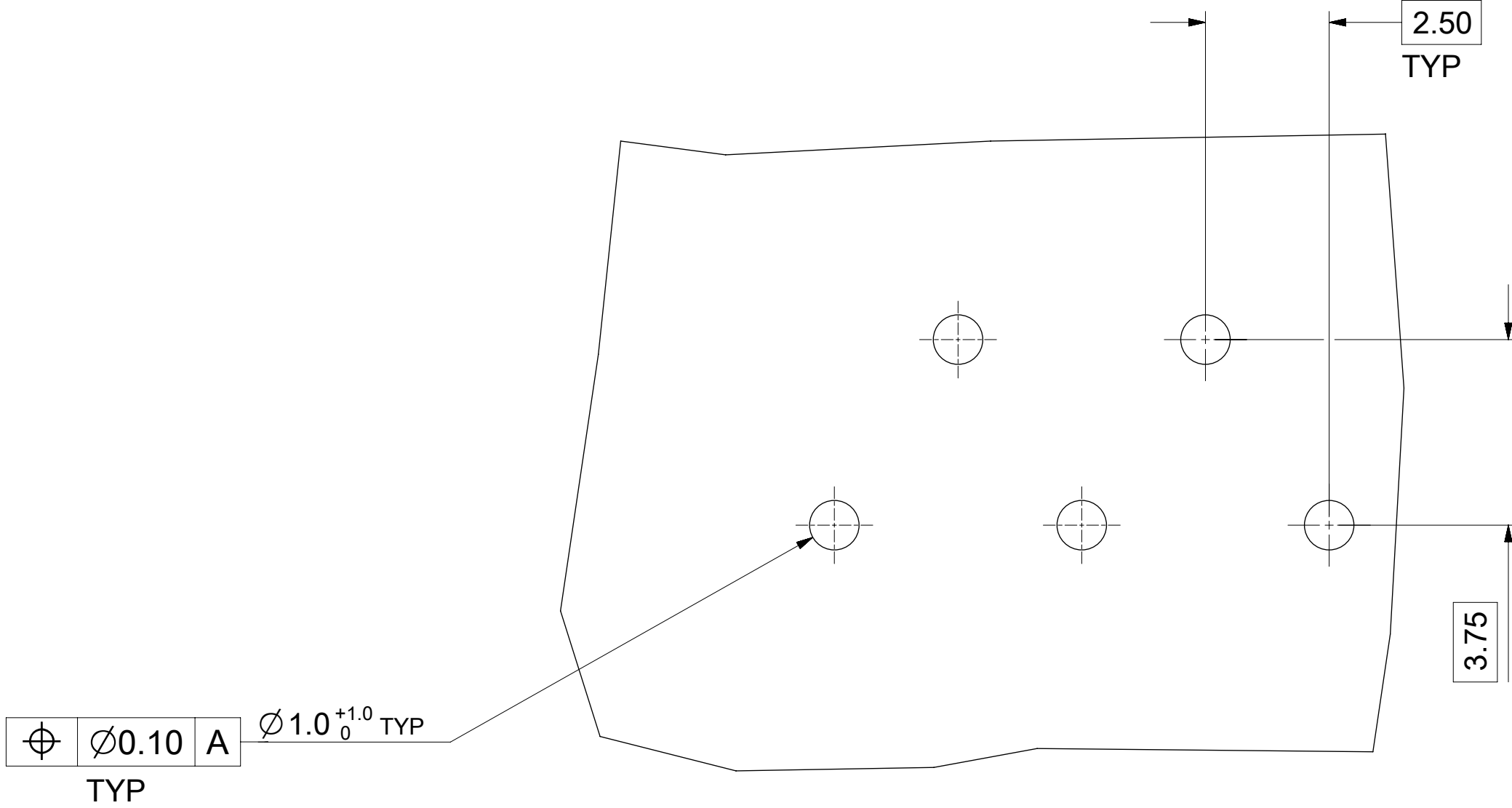
RECOMMENDED PCB LAYOUT FOR P/N: 93070-0521

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: 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			PRODUCT CUSTOMER DRAWING				
4 PLACES		±					DOCUMENT NUMBER			DOC TYPE	
3 PLACES		± 0.05					930700001			PSD	
2 PLACES		± 0.1					000			B4	
1 PLACE		± 0.2					REVISION				
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A1-SIZE		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.

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	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

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: 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					
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	
DOCUMENT STATUS				P1		RELEASE DATE		2025/08/19 05:38:43	
				P1		2025/08/19 05:38:43			
DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		SHEET NUMBER	
930700001		PSD		000		B4		5 OF 8	
SEE SHEETS 2-7		GENERAL MARKET							

18	17	16	15	14	13	12	11
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	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ d g	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	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ d f g	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	1 2 3 4 5 6 7 ⊕ + ⊕ ⊕ ⊕ ⊕ ⊕ h	YES	STANDARD	NATURAL
93070-2011	91698-2010	b e g	NONE	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ b e g	YES	STANDARD	NATURAL
93070-2013	91698-2005	h	CCT 2	1 2 3 4 5 6 7 ⊕ + ⊕ ⊕ ⊕ ⊕ ⊕ h	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	1 2 3 4 5 6 7 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ b c d e f g	YES	STANDARD	NATURAL

9	8	7	6	5	4	3	2
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	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ c □ □ f □ h i	YES	STANDARD	NATURAL
93070-2503	91698-2503	b c d h i	CCT 4, 7	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ b c d □ □ h i	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	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ b c d □ □ h i	YES	STANDARD	NATURAL
93070-2505	91698-2507	a c e f h i	NONE	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ a □ c □ e f □ h i	YES	STANDARD	NATURAL
93070-2506	91698-2508	a b d f h i	CCT 7, 8	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ a b □ d □ f □ h i	YES	STANDARD	NATURAL
93070-2508	91698-2505	b c d g h i	NONE	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ b c d □ □ g h i	YES	STANDARD	NATURAL
93070-2509	91698-2506	c d e h	NONE	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ □ c d e □ □ h □	YES	STANDARD	NATURAL
93070-2510	91698-2509	c h i	NONE	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ □ c □ □ □ □ h i	YES	STANDARD	NATURAL
93070-2511	91698-2510	c g	NONE	1 2 3 4 5 6 7 8 ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ □ □ c □ □ □ g □ □	YES	STANDARD	NATURAL

NOTES:

1. + DENOTES TERMINAL VOIDED POSITION.

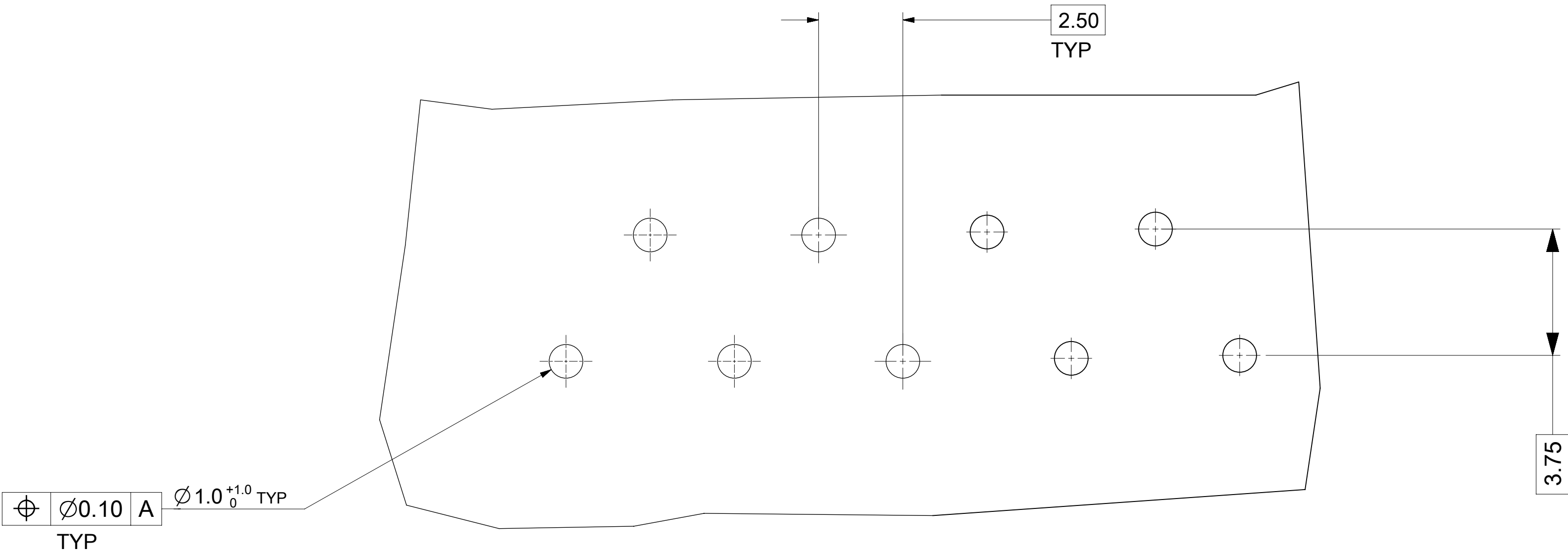
⊕ DENOTES TERMINAL LOADED POSITION.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex			
mm	1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)		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				RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH			
ANGULAR TOL	± 2.0 °					PRODUCT CUSTOMER DRAWING			
4 PLACES	±					DOCUMENT NUMBER			
3 PLACES	± 0.05					930700001			
2 PLACES	± 0.1					PSD	000	B4	
1 PLACE	± 0.2					DOC TYPE DOC PART REVISION			
0 PLACES	±					SEE SHEETS 2-7			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
			A1-SIZE	93070	93070	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 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	⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9	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

93070

93070

SEE SHEETS 2-7

GENERAL MARKET

SHEET NUMBER

7 OF 8

93070

93070

SEE SHEETS 2-7

GENERAL MARKET

SHEET NUMBER

7 OF 8

93070

93070

SEE SHEETS 2-7

GENERAL MARKET

SHEET NUMBER

7 OF 8

93070

93070

SEE SHEETS 2-7

GENERAL MARKET

SHEET NUMBER

7 OF 8

93070

93070

SEE SHEETS 2-7

GENERAL MARKET

SHEET NUMBER

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

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.

⊕ 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: 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

molex

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER 2.5 PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

930700001

DOC TYPE

PSD

DOC PART

000

REVISION

B4

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEETS 2-7

GENERAL MARKET

8 OF 8

DOCUMENT STATUS

P1

RELEASE DATE

2025/08/19 05:38:43