

Excellent Integrated System Limited

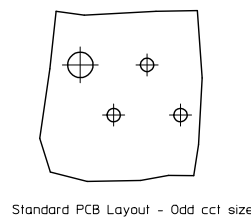
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0930700002](#)

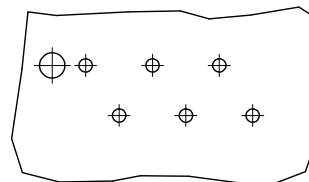
For any questions, you can email us directly:

sales@integrated-circuit.com

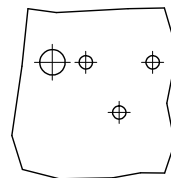


Standard PCB Layout - Even cct size

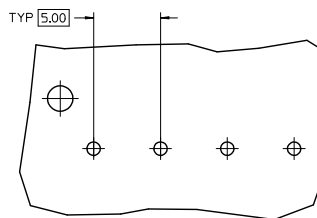
Standard PCB Layout - Odd cct size



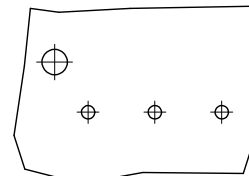
Opposite PCB Layout - Even cct size



Opposite PCB Layout - Odd cct size



Option C PCB Layout - Even cct size



Option C PCB Layout - Odd cct size

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

1. MATERIAL: HOUSING - PA66 25% G/F, UL94 V-0
COLOUR: NATURAL
TERMINAL - BRASS
PLATING - 3-7um Sn over 1.27um Min Ni

2. PARTS PACKED AS PER PK-90370-001

3. PRODUCT SPECIFICATION: PS-93070-001

4. RECOMMENDED PCB THICKNESS: 1.5+/-0.14mm

X DATUM UPDATE EC NO: P30206-1288 DRAWING NUMBER 2016/03/23 APPR: BRITTLE 2016/04/14 W REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWING STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▼=0 ▽=0	mm	INCH	DRAWN BY TIOURISH	DATE 2008/03/14	TITLE RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH		
		4 PLACES ± .005 ± .005		CHECKED BY BRITTLE	DATE 2008/03/14			
		2 PLACES ± .010 ± .010		APPROVED BY BMAIGURE	DATE 2010/11/11	MOLEX INCORPORATED		
		ANGULAR ± 2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEETS 2-4		SD-93070-001		1 OF 5
		SIZE: A2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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

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

4 CIRCUIT CONTIN'D						
MOLEX PART NO.	HOUSING PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	HOUSING COLOUR
93070-0518	91698-0519	b d	CCT 2,3		YES	NATURAL
93070-0519	91698-0505	a	NONE		YES	NATURAL
93070-0520	91698-0522	b e	NONE		YES	NATURAL

NOTES:
1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION

SEE SHEET 1 EC NO. 10204-1288 DRAWN: MURPHY CHKD: CHYD APPROVED: 20/04/14 DESIGNED: 20/04/14 W 10/03/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 2 PLACES ± 0.05 ± 0.004 3 PLACES ± 0.05 ± 0.004 2 PLACES ± 0.10 ± 0.004 1 PLACE ± 0.20 ± 0.004 ANGULAR $\pm 2^\circ$	DRAWN BY: TITOURISH CHECKED BY: BRITTLE APPROVED BY: SMAGUIRE DATE: 2008/03/14 DATE: 2008/03/14 DATE: 2010/11/11	MM ONLY 1:1	METRIC	MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHARTS	MATERIAL NO. SD-93070-001 DOCUMENT NO. 2 OF 5	RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH MOLEX INCORPORATED		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 Frame AT P. AM-1 Rev. E 2006/04/15

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		YES	STANDARD	NATURAL
93070-1002	91698-1004	c d	NONE		YES	STANDARD	NATURAL
93070-1003	91698-1008	a d f	NONE		YES	STANDARD	NATURAL
93070-1101	91698-1001	NONE	NONE		YES	OPPOSITE	NATURAL
93070-1004	91698-1009	d	NONE		YES	STANDARD	NATURAL
93070-1005	91698-1007	a b e f	NONE		YES	STANDARD	NATURAL
93070-1006	91698-1011	b c d e	NONE		YES	STANDARD	NATURAL
93070-1007	91698-1014	c d	NONE		YES	STANDARD	RED
93070-1008	91698-1017	a b e f	NONE		YES	STANDARD	BLUE
93070-1009	91698-1016	b c d e	NONE		YES	STANDARD	BLUE
93070-1010	91698-1018	d e	NONE		YES	STANDARD	NATURAL
93070-1011	91698-1019	b d e	NONE		YES	STANDARD	NATURAL
93070-1012	91698-1020	a c f	NONE		YES	STANDARD	NATURAL
93070-1013	91698-1021	a b c d	NONE		YES	STANDARD	NATURAL
93070-1014	91698-1022	a b d e	NONE		YES	STANDARD	NATURAL
93070-1015	91698-1023	a b c e	NONE		YES	STANDARD	NATURAL
93070-1016	91698-1024	b d e	CCT 4		YES	STANDARD	GREEN

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		YES	STANDARD	NATURAL
93070-1502	91698-1508	d f	CCT 2, 5		YES	STANDARD	NATURAL
93070-1503	91698-1513	c e	NONE		YES	STANDARD	NATURAL
93070-1505	91698-1508	d f	NONE		YES	STANDARD	NATURAL
93070-1506	91698-1514	b d f	CCT 4, 5		YES	STANDARD	NATURAL
93070-1507	91698-1501	NONE	CCT 2		YES	STANDARD	NATURAL
93070-1508	91698-1511	c f	CCT 2		YES	STANDARD	NATURAL
93070-1509	91698-1515	d	NONE		YES	STANDARD	NATURAL
93070-1510	91698-1516	a b c e f	NONE		YES	STANDARD	NATURAL
93070-1511	91698-1507	e f	NONE		YES	STANDARD	NATURAL
93070-1512	91698-1517	d f	NONE		YES	STANDARD	GREEN
93070-1513	91698-1512	b d e f	CCT 2, 4		YES	STANDARD	NATURAL
93070-1514	91698-1518	a b d f	NONE		YES	STANDARD	NATURAL
93070-1515	91698-1516	a b c e f	CCT 1		YES	STANDARD	NATURAL
93070-1516	91698-1751	NONE	NONE		NO	STANDARD	NATURAL
93070-1517	91698-1519	c d	CCT 2, 5		YES	STANDARD	NATURAL

NOTES:
1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION

SEE SHEET 1 EC NO. 152004-1288 DRAWN: MURPHY CHNO: APPROVED: 20/03/14 W DESIGNED: 20/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE	
	2 PLACES ± 0.10 3 PLACES ± 0.05 2 PLACES ± 0.10 1 PLACE ± 0.20 ANGULAR ± 2°	mm INCH 2 PLACES ± 0.10 3 PLACES ± 0.05 2 PLACES ± 0.10 1 PLACE ± 0.20 ANGULAR ± 2°	DRAWN BY: T. TOURISH CHECKED BY: DATE: 2008/03/14 BRITTLE: 2008/03/14 APPROVED BY: DATE: 2010/11/11 MATERIAL NO.: DRAWN BY: T. TOURISH CHECKED BY: DATE: 2008/03/14 BRITTLE: 2008/03/14 APPROVED BY: DATE: 2010/11/11 MATERIAL NO.:	MM ONLY	1:1	METRIC	THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
	SEE CHARTS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

RAST 2.5 APPLI-MATE
VERTICAL MALE HEADER
2.5 PITCH

MOLEX INCORPORATED

SD-93070-001

3 OF 5

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		YES	STANDARD	NATURAL
93070-2002	91698-2006	a f	CCT 2, 6		YES	STANDARD	NATURAL
93070-2003	91698-2007	d g	CCT 4		YES	STANDARD	NATURAL
93070-2004	91698-2008	a e	CCT 4		YES	STANDARD	NATURAL
93070-2005	91698-2009	d f g	CCT 4		YES	STANDARD	NATURAL
93070-2006	91698-2006	a f	CCT 4		YES	STANDARD	NATURAL
93070-2007	91698-2003	a	NONE		YES	STANDARD	NATURAL
93070-2008	91698-2001	NONE	CCT 2		YES	STANDARD	NATURAL
93070-2009	91698-2003	a	CCT 4		YES	STANDARD	NATURAL
93070-2010	91698-2005	h	CCT 2		YES	STANDARD	NATURAL
93070-2011	91698-2010	b e g	NONE		YES	STANDARD	NATURAL
93070-2013	91698-2015	h	CCT 2		YES	STANDARD	NATURAL
93070-2014	91698-2016	all	NONE		YES	STANDARD	NATURAL
93070-2015	91698-2012	b c d e f g	NONE		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		YES	STANDARD	NATURAL
93070-2502	91698-2504	c f h i	NONE		YES	STANDARD	NATURAL
93070-2503	91698-2503	b c d h i	CCT 4, 7		YES	STANDARD	NATURAL
93070-2601	91698-2501	NONE	CCT 4, 7		YES	OPPOSITE	NATURAL
93070-2504	91698-2503	b c d h i	NONE		YES	STANDARD	NATURAL
93070-2505	91698-2507	a c e f h i	NONE		YES	STANDARD	NATURAL
93070-2506	91698-2508	a b d f h i	CCT 7, 8		YES	STANDARD	NATURAL
93070-2508	91698-2505	b c d g h i	NONE		YES	STANDARD	NATURAL
93070-2509	91698-2506	c d e h	NONE		YES	STANDARD	NATURAL

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		YES	STANDARD	NATURAL
93070-3002	91698-3003	ALL	CCT 2, 5, 8		YES	STANDARD	NATURAL
93070-3101	91698-3001	NONE	CCT 3, 5, 8		YES	OPPOSITE	NATURAL
93070-3003	91698-3004	c d e i j	CCT 3, 5, 8		YES	STANDARD	NATURAL
93070-3004	91698-3001	NONE	CCT 2, 5, 8		YES	STANDARD	NATURAL
93070-3005	91698-3006	b c d e f g i	CCT 3, 5, 8		YES	STANDARD	NATURAL

NOTES:
1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION

SEE SHEET 1 EC NO. 102004-1288 DRAWN BY: MURPHY CHECKED: APPROVED: 2010/03/14 DESIGNED: 2010/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	 V=0	mm INCH 4 PLACES ± 0.05 ± 0.0015 3 PLACES ± 0.10 ± 0.0025 2 PLACES ± 0.20 ± 0.0050 1 PLACE ± 0.50 ± 0.0125 ANGULAR ± 2°	DRAWN BY: DATE: 2008/03/14 CHECKED BY: DATE: 2008/03/14 BRITTLE: 2008/03/14 APPROVED BY: DATE: 2010/11/11 BMAGUIRE	1:1	METRIC	 THIRD ANGLE PROJECTION	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHARTS		
		MOLEX INCORPORATED SD-93070-001 4 OF 5		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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		YES	STANDARD	NATURAL
93070-3502	91698-3501	NONE	CCT 2, 5, 7, 9		YES	STANDARD	NATURAL
93070-3503	91698-3504	a b d e f g i j	NONE		YES	STANDARD	NATURAL

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		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		YES	STANDARD	NATURAL
93070-4502	91698-4501	NONE	CCT 2, 5, 8, 11		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		YES	STANDARD	NATURAL
93070-5002	91698-5001	NONE	CCT 4, 6, 8, 10, 12		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		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		YES	STANDARD	NATURAL
93070-6002	91698-6003	o p	CCT 4, 6, 8, 10, 12, 14		YES	STANDARD	NATURAL
93070-6003	91698-6002	a d g i j n o p	NONE		YES	STANDARD	NATURAL

NOTES:
1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION

SEE SHEET 1 EC NO. 1P2004-1288 DRWNS: MURPHY CHKD: CHYD APPR: BRITTLE DESIGNED: JIN/AL/14 DATE: 2010/03/23 W REV	QUALITY SYMBOLS =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE: 1:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± 0.05 3 PLACES ± 0.10 2 PLACES ± 0.20 1 PLACE ± 0.20		DRAWN BY: TITOURISH CHECKED BY: BRITTLE APPROVED BY: BMAGUIRE DATE: 2008/03/14 DATE: 2010/11/11		TITLE: RAST 2.5 APPLI-MATE VERTICAL MALE HEADER 2.5 PITCH		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		MOLEX INCORPORATED SD-93070-001		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MATERIAL NO.		DOCUMENT NO.		