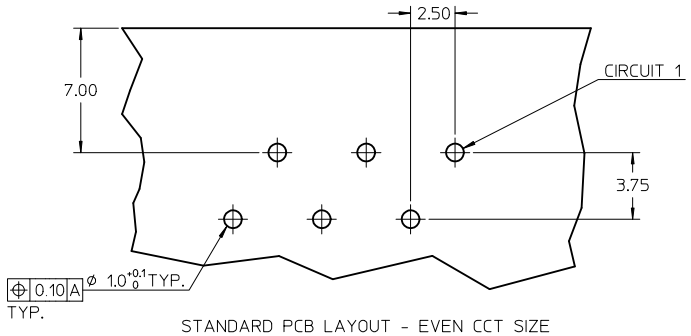
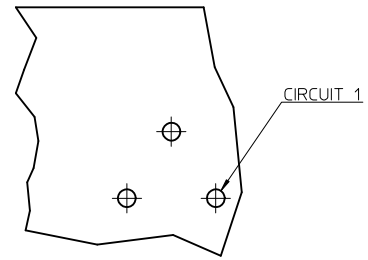
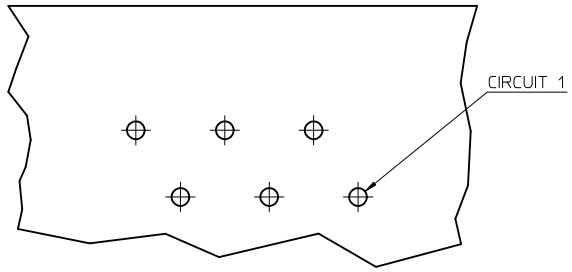


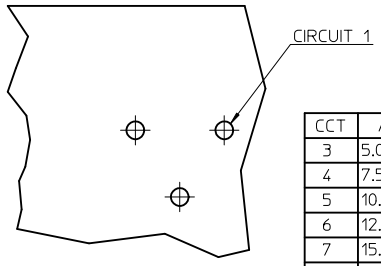
STANDARD PCB LAYOUT - EVEN CCT SIZE



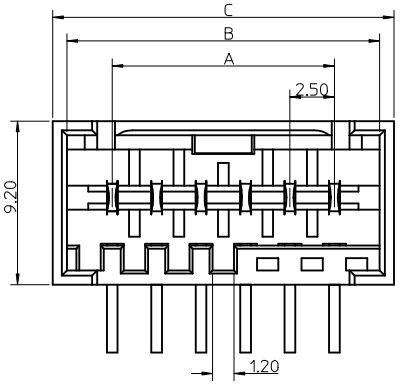
STANDARD PCB LAYOUT - ODD CCT SIZE

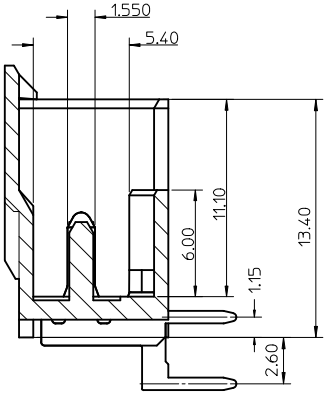


OPPOSITE PCB LAYOUT - EVEN CCT SIZE

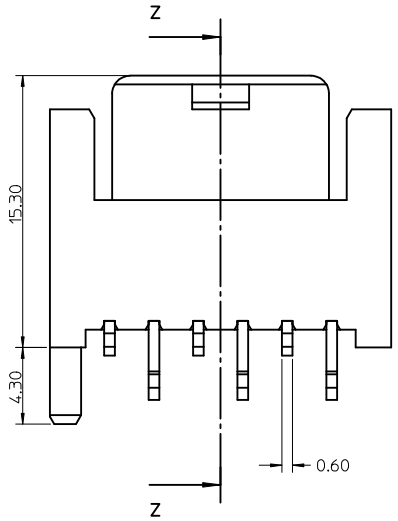


OPPOSITE PCB LAYOUT - EVEN CCT SIZE





Z-Z



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 - 3-7um 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

ADDED 93070-0011 2011/01/19
EC NO: E2011-0284
DRWN:BGOLDEN 2011/10/05
CHKD:
APPR:BMAGUIRE
DESCRIPTION
REV A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: TTOURISH DATE: 2008/03/14
CHECKED BY: BRUTTLE DATE: 2008/03/14
APPROVED BY: BMAGUIRE DATE: 2011/10/05

TITLE: RAST 2.5 APPLI-MATE RIGHT ANGLE MALE HEADER 2.5 PITCH

molex MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 2&3
DOCUMENT NO.: SD-93072-001
SHEET NO.: 1 OF 4

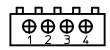
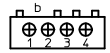
SIZE A2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

3 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	
93072-0001	NONE	NONE		YES	STANDARD	
93072-0002	b d	NONE		YES	STANDARD	
93072-0003	b c	NONE		YES	STANDARD	
93072-0004	d	NONE		YES	STANDARD	
93072-0005	a	NONE		YES	STANDARD	
93072-0006	a b	NONE		YES	STANDARD	
93072-0007	a c	NONE		YES	STANDARD	
93072-0008	a d	NONE		YES	STANDARD	
93072-0009	c d	NONE		YES	STANDARD	
93072-0010	b	NONE		YES	STANDARD	
93072-0011	NONE	NONE		**NO**	STANDARD	
93072-0012	b d	NONE		YES	STANDARD	**BLUE**
93072-0013	b c	NONE		YES	STANDARD	**RED**
93072-0014	d	NONE		YES	STANDARD	**GREEN**
93072-0015	a	NONE		YES	STANDARD	**BLACK**

4 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	
93072-0501	NONE	NONE		YES	STANDARD	
93072-0502	b c	NONE		YES	STANDARD	
93072-0503	b c	CCT 4		YES	STANDARD	
93072-0504	c d	NONE		YES	STANDARD	
93072-0505	NONE	CCT 1		YES	STANDARD	
93072-0601	b c	NONE		YES	**OPPOSITE**	
93072-0506	b	NONE		YES	STANDARD	
93072-0507	c	NONE		YES	STANDARD	
93072-0508	d	NONE		YES	STANDARD	
93072-0509	a c d	NONE		YES	STANDARD	
93072-0510	b c d	NONE		YES	STANDARD	
93072-0511	b c d	NONE		YES	STANDARD	
93072-0512	d	NONE		YES	STANDARD	**RED**

5 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	
93072-1001	NONE	NONE		YES	STANDARD	
93072-1002	c d	NONE		YES	STANDARD	
93072-1003	a d f	NONE		YES	STANDARD	
93072-1101	NONE	NONE		YES	**OPPOSITE**	
93072-1004	d	NONE		YES	STANDARD	
93072-1005	a b e f	NONE		YES	STANDARD	
93072-1006	b c d e	NONE		YES	STANDARD	
93072-1007	c d	NONE		YES	STANDARD	**RED**
93072-1008	a b e f	NONE		YES	STANDARD	**BLUE**
93072-1009	b c d e	NONE		YES	STANDARD	**GREEN**

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

SEE SHEET 1
EC NO: E2011-0284 2011/10/19
DRWN:BGOLDEN 2011/10/05
CHKD:
APPR:BMAGUIRE
DESCRIPTION
REV
A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

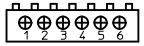
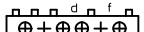
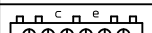
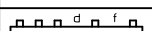
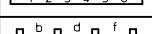
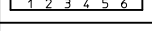
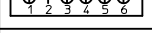
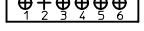
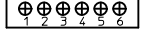
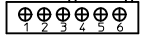
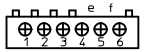
DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: TTOURISH DATE: 2008/03/14
CHECKED BY: BRUTTLE DATE: 2008/03/14
APPROVED BY: BMAGUIRE DATE: 2011/10/05
MATERIAL NO.: SEE CHARTS

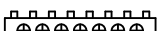
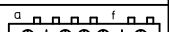
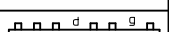
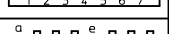
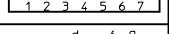
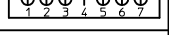
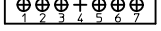
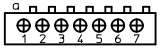
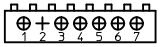
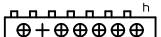
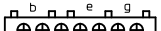
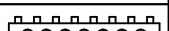
TITLE: RAST 2.5 APPLI-MATE RIGHT ANGLE MALE HEADER 2.5 PITCH
MOLEX INCORPORATED
DOCUMENT NO.: SD-93072-001
SHEET NO.: 2 OF 4
SIZE: A1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

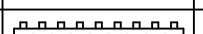
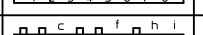
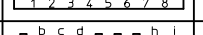
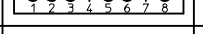
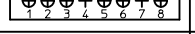
6 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION	
93072-1501	NONE	NONE		YES	STANDARD	
93072-1502	d f	CCT 2, 5		YES	STANDARD	
93072-1503	c e	NONE		YES	STANDARD	
93072-1505	d f	NONE		YES	STANDARD	
93072-1506	b d f	CCT 4, 5		YES	STANDARD	
93072-1507	NONE	CCT 2		YES	STANDARD	
93072-1508	c f	CCT 2		YES	STANDARD	
93072-1509	d	NONE		YES	STANDARD	
93072-1510	a b c e f	NONE		YES	STANDARD	
93072-1511	e f	NONE		YES	STANDARD	
93072-1512	d f	NONE		YES	STANDARD	**GREEN**

7 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-2001	NONE	NONE		YES	STANDARD
93072-2002	a f	CCT 2, 6		YES	STANDARD
93072-2003	d g	CCT 4		YES	STANDARD
93072-2004	a e	CCT 4		YES	STANDARD
93072-2005	d f g	CCT 4		YES	STANDARD
93072-2006	a f	CCT 4		YES	STANDARD
93072-2007	a	NONE		YES	STANDARD
93072-2008	NONE	CCT 2		YES	STANDARD
93072-2009	a	CCT 4		YES	STANDARD
93072-2010	h	CCT 2		YES	STANDARD
93072-2011	b e g	NONE		YES	STANDARD
93072-2012	NONE	NONE		YES	STANDARD
93072-2007	h	CCT 2		YES	STANDARD

8 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-2501	NONE	NONE		YES	STANDARD
93072-2502	c f h i	NONE		YES	STANDARD
93072-2503	b c d h i	CCT 4, 7		YES	STANDARD
93072-2601	NONE	CCT 4, 7		YES	**OPPOSITE**
93072-2504	b c d h i	NONE		YES	STANDARD

ENTER DESCRIPTION
EC NO: E2011-0264 2011/10/19
DRWN:BGOLDEN
CHKD:
APPR:BMAGUIRE 2011/10/05
REV | DESCRIPTION
A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: TTOURISH DATE: 2008/03/14
CHECKED BY: BRUTTLE DATE: 2008/03/14
APPROVED BY: BMAGUIRE DATE: 2011/10/05

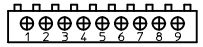
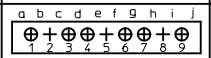
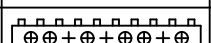
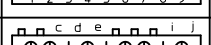
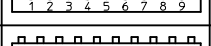
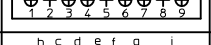
TITLE: RAST 2.5 APPLI-MATE RIGHT ANGLE MALE HEADER 2.5 PITCH

MOLEX INCORPORATED

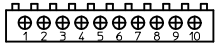
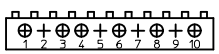
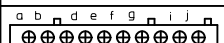
MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-93072-001
SHEET NO.: 3 OF 4
SIZE: A1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

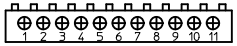
9 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-3001	NONE	NONE		YES	STANDARD
93072-3002	ALL	CCT 2, 5, 8		YES	STANDARD
93072-3101	NONE	CCT 3, 5, 8		YES	**OPPOSITE**
93072-3003	c d e i j	CCT 3, 5, 8		YES	STANDARD
93072-3004	NONE	CCT 2, 5, 8		YES	STANDARD
93072-3005	b c d e f g i	CCT 3, 5, 8		YES	STANDARD

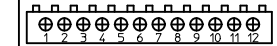
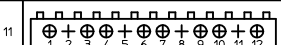
10 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-3501	NONE	NONE		YES	STANDARD
93072-3502	NONE	CCT 2, 5, 7, 9		YES	STANDARD
93072-3503	a b d e f g i j	NONE		YES	STANDARD

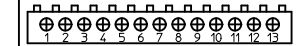
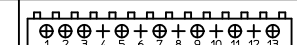
11 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-4001	NONE	NONE		YES	STANDARD

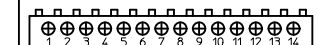
12 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-4501	NONE	NONE		YES	STANDARD
93072-4502	NONE	CCT 2, 5, 8, 11		YES	STANDARD

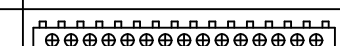
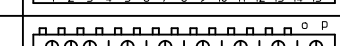
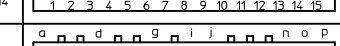
13 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-5001	NONE	NONE		YES	STANDARD
93072-5002	NONE	CCT 4, 6, 8, 10, 12		YES	STANDARD

14 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-5501	NONE	NONE		YES	STANDARD

15 CIRCUIT

MOLEX PART NO.	BLOCKED POSITION KEYS	TERMINAL VOID POSITION	CONFIGURATION	LATCH	CCT 1 LOCATION
93072-6001	NONE	NONE		YES	STANDARD
93072-6002	o p	CCT 4, 6, 8, 10, 12, 14		YES	STANDARD
93072-6003	a d g i j n o p	NONE		YES	STANDARD

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

SEE SHEET 1
EC NO: E2011-0284 2011/10/19
DRWN:BGOLDEN 2011/10/05
CHKD:
APPR:BMAGUIRE
DESCRIPTION
REV
A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: TTOURISH DATE: 2008/03/14
CHECKED BY: BRUTTLE DATE: 2008/03/14
APPROVED BY: BMAGUIRE DATE: 2011/10/05

TITLE: RAST 2.5 APPLI-MATE RIGHT ANGLE MALE HEADER 2.5 PITCH

MOLEX INCORPORATED

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-93072-001
SHEET NO.: 4 OF 4
SIZE: A1

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