Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
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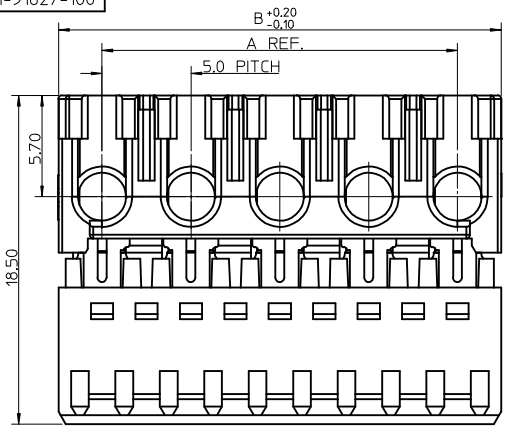
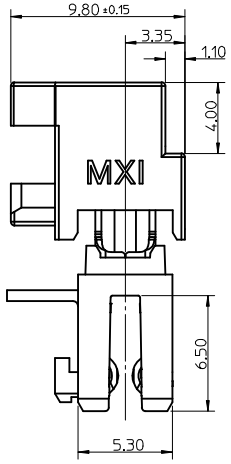
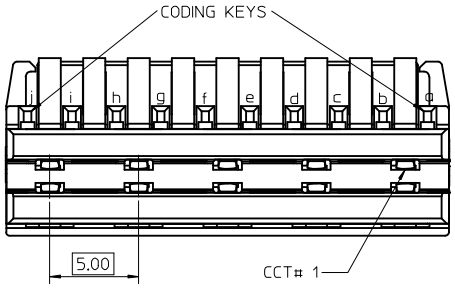
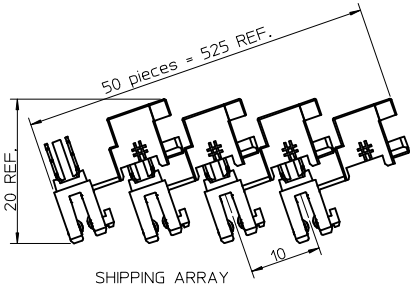
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

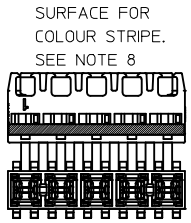
EM-91627-100

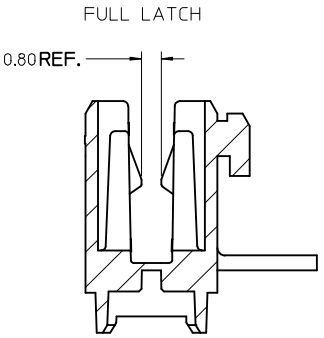


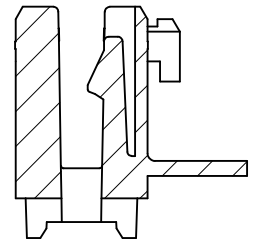






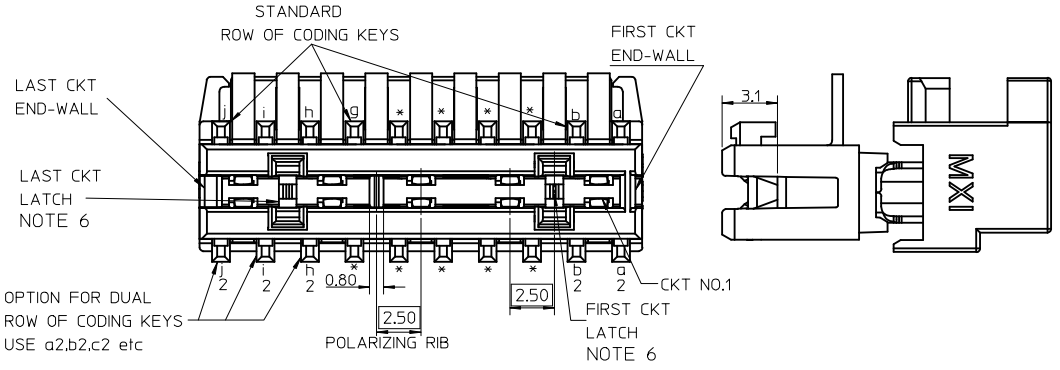






*SEE NOTE 6 FOR LATCHING INFORMATION

ADDITIONAL OPTIONS



CKT	DIM A	DIM B	DIM C	DIM D
2	5	9.9	7.3	-
3	10	14.9	12.3	5
4	15	19.9	17.3	10
5	20	24.9	22.3	15
6	25	29.9	27.3	20
7	30	34.9	32.3	25
8	35	39.9	37.3	30
9	40	44.9	42.3	35
10	45	49.9	47.3	40
11	50	54.9	52.3	45
12	55	59.9	57.3	50

NOTES:
1. MATERIAL: HOUSING: PA 6
   TERMINAL:PHOSPHOR BRONZE OR COPPER ALLOY
   PLATING: TIN(6A) OR SILVER(10A)
2. PRODUCT SPECIFICATION: PS-91627-001
3. SEE SUBSEQUENT SHEETS FOR PART NUMBERING INFORMATION
4. LATCHES RECOMMENDED WHERE LOCKING VIA HEADER, GUIDEFRAME OR COMPONENT ENCLOSURE IS NOT POSSIBLE.
5. APPLICATION SPECIFICATION: AS-91627-001
6. 2 CCT OPTIONS WITH LATCH WILL HAVE HALF LATCH ONLY
   3CCT OPTIONS WITH 2 LATCHES WILL HAVE HALF LATCH
   BETWEEN CCTS 1&2 AND FULL LATCH BETWEEN CCTS 2&3
7. PACKAGING SPECIFICATION: PK-91627-001
8. COLOUR STRIPE IS OPTIONAL.
   AVAILABLE IN THE FOLLOWING COLOURS, BLUE, RED, GREEN & BLACK.
   ASTERIX IN CHART INDICATES FULL SURFACE COVERAGE.

ADD P/N
EC NO: IPG2016-1213 2016/03/04
DRWN:ZCRAMER
CHKD:
APPR:BRUITTLE 2016/04/06
DESCRIPTION
AN
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

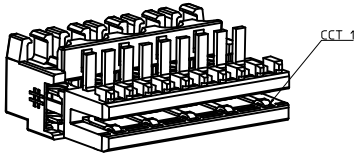
		DATE
DRAWN BY	LKIERNAN	07/05/2003
CHECKED BY	BMAGUIRE	25/07/2003
APPROVED BY	BMAGUIRE	2010/11/12

TITLE: RAST PWR IDT CONN 5MM PITCH

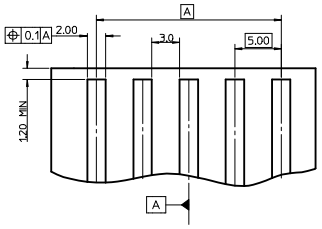
molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91627-001
SHEET NO.: 1 OF 11
SIZE: A2

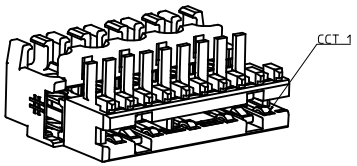
SINGLE ROW CODING KEYS OPEN END WALLS WITH LATCHES



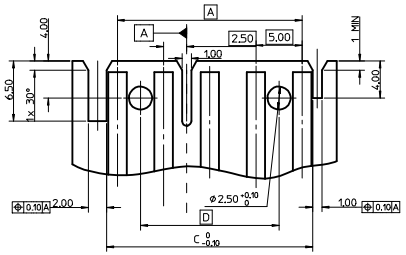
END WALLS OPEN	
FIRST END WALL	LAST END WALL
OPEN	OPEN



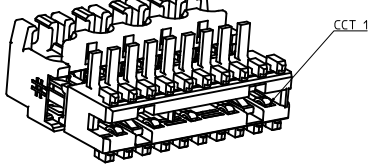
SINGLE ROW CODING KEYS OPTION A END WALLS WITH LATCHES AND POLARIZING RIBS



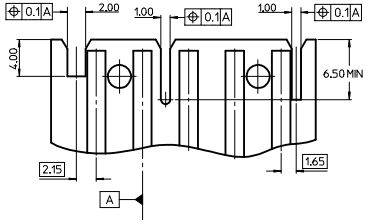
OPTION A END WALLS	
FIRST END WALL	LAST END WALL
SHORT THIN	LONG THICK



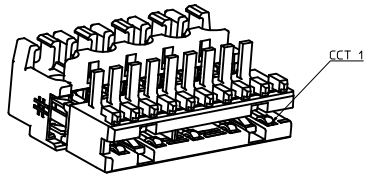
2 ROW CODING KEYS OPTION B END WALLS WITH LATCHES AND POLARIZING RIBS



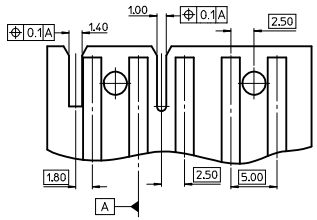
OPTION B END WALLS	
FIRST END WALL	LAST END WALL
LONG THIN	SHORT THICK



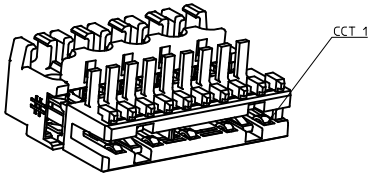
1 ROW CODING KEYS OPTION C END WALLS WITH LATCHES AND POLARIZING RIBS



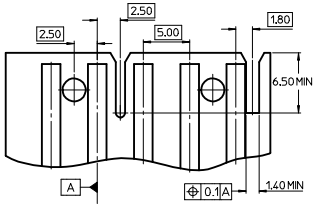
OPTION C END WALLS	
FIRST END WALL	LAST END WALL
OPEN	LONG THICK



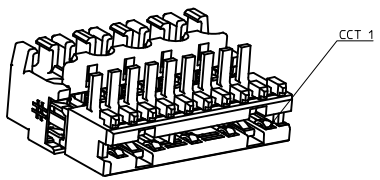
1 ROW CODING KEYS OPTION D END WALLS WITH LATCHES AND POLARIZING RIBS



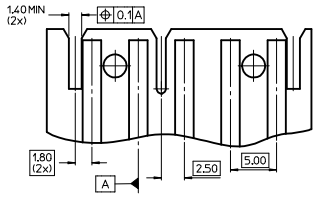
OPTION D END WALLS	
FIRST END WALL	LAST END WALL
LONG THICK	OPEN



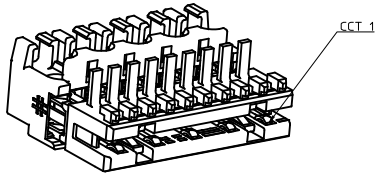
1 ROW CODING KEYS OPTION E END WALLS WITH LATCHES AND POLARIZING RIBS



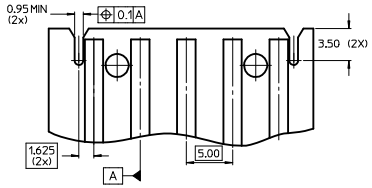
OPTION E END WALLS	
FIRST END WALL	LAST END WALL
LONG THICK	LONG THICK



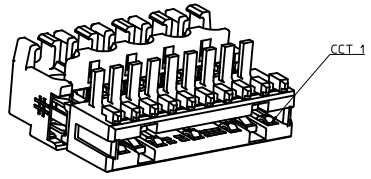
1 ROW CODING KEYS OPTION F END WALLS WITH LATCHES



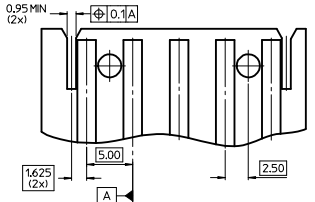
OPTION F END WALLS	
FIRST END WALL	LAST END WALL
SHORT THIN	SHORT THIN



1 ROW CODING KEYS OPTION G END WALLS WITH LATCHES



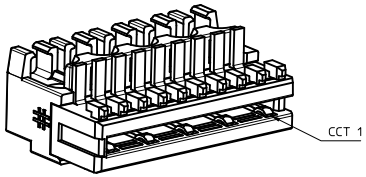
OPTION G END WALLS	
FIRST END WALL	LAST END WALL
LONG THIN	LONG THIN



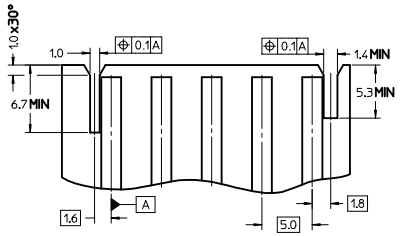
Other combinations possible:
There may be one or two latches which can be positioned between 1st and 2nd ckt and/or between 2nd and last ckt.
The polarizing rib can be between any ckt.
There may be one end wall only which must be located at the larger ckt end as polarized option A (wider and taller end wall)

SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: IPG2016-1213	▼=0		mm	INCH	MM ONLY	4:1	METRIC		
DRWN:ZCRAMER 2016/03/04	▽=0	4 PLACES	± ---	± ---	DRAWN BY: LKIERNAN	DATE: 07/05/2003	TITLE: RAST PWR IDT CONN 5MM PITCH		
CHKD:		3 PLACES	± ---	± ---	CHECKED BY: BMAGUIRE	DATE: 25/07/2003			
APPR:BRUTTLE 2016/04/06		2 PLACES	± 0.10	± ---	APPROVED BY: BMAGUIRE	DATE: 2010/11/12	molex		
DESCRIPTION		1 PLACE	± 0.2	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
REV		0 PLACE	±	±	SEE CHARTS	SD-91627-001	2 OF 11		
AN		ANGULAR ± 2 °			SIZE A1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

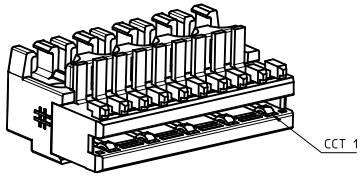
1 ROW CODING KEYS OPTION H
END WALLS WITHOUT LATCHES



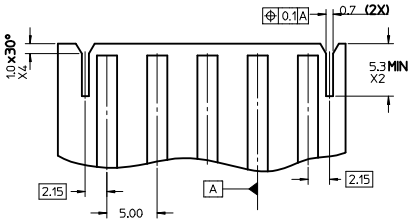
OPTION H END WALLS	
LAST END WALL	FIRST END WALL
LONG & THIN	**LONG & THICK**



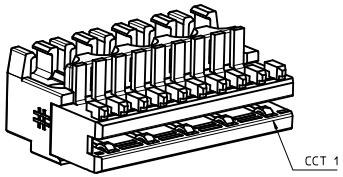
1 ROW CODING KEYS OPTION J
END WALLS WITHOUT LATCHES



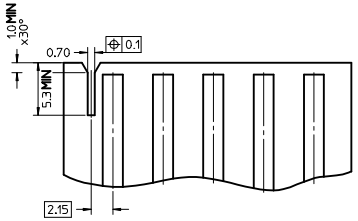
OPTION J END WALLS	
LAST END WALL	FIRST END WALL
LONG & THIN FLUSH OUTSIDE	LONG & THIN FLUSH OUTSIDE



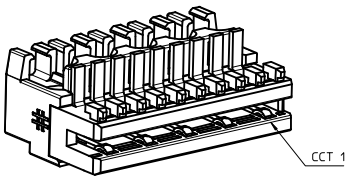
1 ROW CODING KEYS OPTION K
END WALLS WITHOUT LATCHES



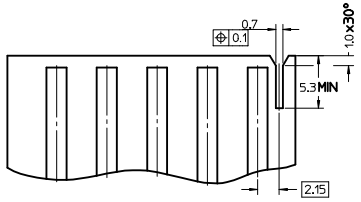
OPTION K END WALLS	
LAST END WALL	FIRST END WALL
LONG & THIN FLUSH OUTSIDE	**1.5mm HIGH**



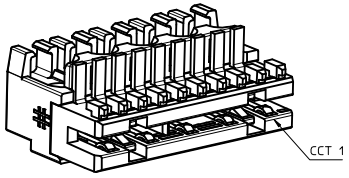
1 ROW CODING KEYS OPTION L
END WALLS WITHOUT LATCHES



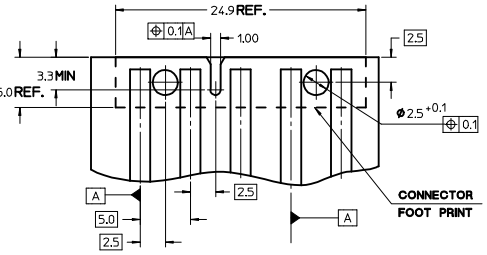
OPTION L END WALLS	
LAST END WALL	FIRST END WALL
1.5mm HIGH	LONG & THIN FLUSH OUTSIDE



1 ROW CODING KEYS OPTION M
END WALLS WITH LATCHES & RIB 3/4



OPTION M END WALLS	
LAST END WALL	FIRST END WALL
1.5mm HIGH	**1.5mm HIGH**



Other combinations possible:
There may be one or two latches which can be positioned between 1st and 2nd ckt and/or between 2nd and last ckt.
The polarizing rib can be between any ckt.

SEE SHEET 1
EC NO: IPG2016-1213
DRWN:ZCRAMER 2016/03/04
CHKD:
APPR:BRUTTLE 2016/04/06
DESCRIPTION
REV
AN

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	LKIERNAN	07/05/2003
CHECKED BY	BMAGUIRE	25/07/2003
APPROVED BY	BMAGUIRE	2010/11/12

TITLE: RAST PWR IDT CONN 5MM PITCH

molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91627-001
SHEET NO.: 3 OF 11
SIZE: A1

2 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST END WALL	ENDWALLS LAST END WALL	COLOUR STRIPE
91627-0001	91626-0002	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-0501	91690-2002	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-0502	91690-2022	NONE	NONE		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0002	91626-0002	NONE	NONE		NONE	NONE	OPEN	OPEN	**YELLOW**
91627-0003	91626-0002	NONE	d		NONE	NONE	OPEN	OPEN	**YELLOW**
91627-0004	91626-0002	NONE	NONE		NONE	NONE	OPEN	OPEN	**RED**
91627-0005	91626-0002	NONE	b		NONE	NONE	OPEN	OPEN	**RED**
91627-0006	91626-0002	NONE	d		NONE	NONE	OPEN	OPEN	NONE
91627-0008	91626-0002	NONE	c		NONE	NONE	OPEN	OPEN	NONE
91627-0009	91626-0002	NONE	a b		NONE	NONE	OPEN	OPEN	NONE
91627-0010	91626-0002	NONE	a c		NONE	NONE	OPEN	OPEN	NONE
91627-0503	91690-2042	NONE	NONE		**CCT 1&2**	NONE	**LONG THIN**	**SHORT THICK**	NONE
91627-0011	91626-0002	NONE	b d		NONE	NONE	OPEN	OPEN	NONE
91627-0012	91626-0002	NONE	a b c		NONE	NONE	OPEN	OPEN	NONE
91627-0013	91626-0002	NONE	a c d		NONE	NONE	OPEN	OPEN	NONE
91627-0014	91626-0002	NONE	b c d		NONE	NONE	OPEN	OPEN	NONE
91627-0015	91626-0002	NONE	b		NONE	NONE	OPEN	OPEN	NONE
91627-0504	91690-2022	NONE	a b		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0505	91690-2022	NONE	a c		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0506	91690-2022	NONE	c d		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0507	PART NUMBER REPLACED WITH 91627-0028								
91627-0016	91626-0002	NONE	b c		NONE	NONE	OPEN	OPEN	NONE
91627-0017	91626-0082	NONE	b c		NONE	NONE	**LONG THICK**	**OPEN**	NONE
91627-0018	91626-0082	NONE	NONE		NONE	NONE	**LONG THICK**	**OPEN**	NONE
91627-0019	91626-0062	NONE	NONE		NONE	NONE	**OPEN**	**LONG THICK**	NONE
91627-0020	91626-0002	NONE	b c		NONE	NONE	OPEN	OPEN	**BLACK**
91627-0021	91626-0002	NONE	c d		NONE	NONE	OPEN	OPEN	**BLUE**

2 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST END WALL	ENDWALLS LAST END WALL	COLOUR STRIPE
91627-0022	91626-0062	NONE	a b		NONE	NONE	**OPEN**	**LONG THICK**	**RED**
91627-0023	91626-0002	NONE	c d		NONE	NONE	OPEN	OPEN	NONE
91627-0508	91690-2022	NONE	b d		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0024	91626-0002	NONE	a		NONE	NONE	OPEN	OPEN	NONE
91627-0025	91626-0082	NONE	a c		NONE	NONE	**LONG THICK**	**OPEN**	**YELLOW**
91627-0027	91626-0082	NONE	d		NONE	NONE	**LONG THICK**	**OPEN**	NONE
91627-0028	91690-2062	NONE	NONE		**CCT 1&2**	NONE	**OPEN**	**LONG THICK**	NONE
91627-0029	91626-0002	NONE	a d		NONE	NONE	OPEN	OPEN	NONE
91627-0030	91626-0102	NONE	NONE		NONE	**CCT 1&2**	OPEN	OPEN	NONE
91627-0031	91626-0002	NONE	NONE		NONE	NONE	OPEN	OPEN	**BLUE**
91627-0032	91626-0062	NONE	b c d		NONE	NONE	**OPEN**	**LONG THICK**	NONE
91627-0033	91626-0082	NONE	a b c		NONE	NONE	**LONG THICK**	**OPEN**	NONE
91627-0509	91690-2082	NONE	NONE		**CCT 1&2**	NONE	**LONG THICK**	**OPEN**	**BLUE**
91627-0034	PART NUMBER REPLACED WITH 91627-0028								
91627-0035	91626-0002	NONE	a b c d		NONE	NONE	OPEN	OPEN	NONE
91627-0036	91690-2013	NONE	a b c d		**CCT 1&2**	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-0037	91626-0102	NONE	a d		NONE	**CCT 1&2**	OPEN	OPEN	NONE
91627-0038	91690-2042	NONE	a b c d		**CCT 1&2**	NONE	**LONG THIN**	**SHORT THICK**	NONE
91627-0039	91626-0002	NONE	a b		NONE	NONE	OPEN	OPEN	**RED**
91627-0040	91626-0022	NONE	a b c d		NONE	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0041	91690-2033	NONE	NONE		**CCT 1&2**	NONE	**SHORT THIN**	**SHORT THIN**	NONE
91627-0042	91690-2062	NONE	NONE		**CCT 1&2**	NONE	**OPEN**	**LONG THICK**	**RED**
91627-0043	91690-2013	NONE	NONE		**CCT 1&2**	NONE	**LONG THICK**	**LONG THICK**	**BLACK**
91627-0044	91690-2033	NONE	NONE		**CCT 1&2**	NONE	**SHORT THIN**	**SHORT THIN**	**YELLOW**

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

● - DENOTES TERMINAL POSITION LOADED
+ - DENOTES TERMINAL POSITION VOIDED
I - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

3. x = COLOUR COVERS WHOLE SURFACE

SEE SHEET 1
EC NO: PC2016-1213 2016/03/04
DRWN:ZCRAMER 2016/04/06
CHKD:
APPR:BRUTTLE
DESCRIPTION
REV
AN

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 2010/11/12
MATERIAL NO.: SEE CHARTS
SIZE: A0

SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

TITLE: RAST PWR IDT CONN 5MM PITCH

molex

DOCUMENT NO.: SD-91627-001
SHEET NO.: 4 OF 11

2 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST END WALL	ENDWALLS LAST END WALL	COLOUR STRIPE
91627-0045	91690-2013	NONE	NONE		**CKT 1&2**	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-0046	91665-0001	NONE	b d a2 b2 c2		NONE	NONE	OPEN	OPEN	NONE
91627-0047	91665-0002	NONE	a d b2 c2 d2		NONE	NONE	OPEN	OPEN	NONE
91627-0048	91665-0002	NONE	b d b2 c2 d2		NONE	NONE	OPEN	OPEN	NONE
91627-0049	91665-0003	NONE	a b c b2 c2		NONE	NONE	OPEN	OPEN	NONE
91627-0050	91626-2002	NONE	NONE (2 ROWS)		NONE	NONE	OPEN	OPEN	NONE
91627-0051	91690-2022	NONE	a b c d		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-0052	91665-0003	NONE	b2 c2		NONE	NONE	OPEN	OPEN	NONE
91627-0053	91636-0022	NONE	NONE		NONE	NONE	**LONG THIN FLUSH**	**LONG THIN FLUSH**	NONE
91627-0054	91636-0062	NONE	NONE		NONE	NONE	**LONG THIN FLUSH**	**1.5mm HIGH**	NONE

NOTES:
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SEE SHEET 1
EC NO: PG2016-1213 2016/03/04
DRWN:ZCRAMER CHKD: APPR:BRUTTLE 2016/04/06
DESCRIPTION
REV AN

QUALITY SYMBOLS
▼=0
▽=0

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	mm	INCH
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2 PLACES	± 0.10	± ---
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ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 2010/11/12
MATERIAL NO.: SEE CHARTS

TITLE: RAST PWR IDT CONN 5MM PITCH

molex

DOCUMENT NO.: SD-91627-001
SHEET NO.: 5 OF 11
SIZE: A0

3 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-1001	91626-0003	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-1002	91626-0103	NONE	a b c		NONE	**CCT 1&2**	OPEN	OPEN	**RED**
91627-1004	91626-0103	NONE	NONE		NONE	**CCT 1&2**	OPEN	OPEN	**RED**
91627-1501	91690-2003	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-1502	91690-0023	NONE	NONE		**CCT 1&2** **CCT 2&3**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-1503	91690-2023	NONE	c d		**CCT 1&2**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-1005	91665-1001	NONE	a b c d e b2,c2,d2,e2		NONE	NONE	OPEN	OPEN	NONE
91627-1006	91626-0003	NONE	b c e		NONE	NONE	OPEN	OPEN	NONE
91627-1007	91626-0003	NONE	d e f		NONE	NONE	OPEN	OPEN	NONE
91627-1504	91690-2203	NONE	a b c		**CCT 1&2**	**CCT 2&3**	OPEN	OPEN	**RED**
91627-1506	91690-4123	NONE	NONE		**CCT 2&3**	**CCT 1&2**	**SHORT THIN**	**LONG THICK**	NONE
91627-1507	91690-2223	NONE	NONE		**CCT 1&2**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-1508	91690-4103	NONE	NONE		**CCT 2&3**	**CCT 1&2**	OPEN	OPEN	NONE
91627-1008	91626-0003	NONE	c d f		NONE	NONE	OPEN	OPEN	NONE
91627-1009	91626-0003	NONE	a d e		NONE	NONE	OPEN	OPEN	NONE
91627-1010	91626-0003	NONE	b c d		NONE	NONE	OPEN	OPEN	NONE
91627-1011	91626-0003	NONE	a d e f		NONE	NONE	OPEN	OPEN	NONE
91627-1012	91626-0003	NONE	a b d		NONE	NONE	OPEN	OPEN	NONE
91627-1013	91626-0103	**CCT 2**	d e f		NONE	**CCT 1&2**	OPEN	OPEN	NONE
91627-1014	91626-0003	NONE	b c d e		NONE	NONE	OPEN	OPEN	NONE
91627-1015	91626-0003	NONE	a c e		NONE	NONE	OPEN	OPEN	NONE
91627-1016	91626-0003	NONE	NONE		NONE	NONE	OPEN	OPEN	**FULL SURFACE BLUE**
91627-1017	91626-0103	NONE	d e f		NONE	**CCT 1&2**	OPEN	OPEN	NONE
91627-1022	91626-0063	NONE	NONE		NONE	NONE	OPEN	**LONG THICK**	NONE
91627-1025	91626-0203	**CCT 2**	a		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-1026	91626-0003	NONE	b c d f		NONE	NONE	OPEN	OPEN	NONE

3 CIRCUIT cont

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-1027	91626-0003	**CCT 2**	a		NONE	NONE	OPEN	OPEN	NONE
91627-1028	91626-0003	**CCT 2**	d		NONE	NONE	OPEN	OPEN	NONE
91627-1029	91626-0003	**CCT 2**	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-1031	91626-0083	NONE	NONE		NONE	NONE	**LONG THICK**	OPEN	NONE
91627-1032	91626-0003	NONE	c		NONE	NONE	OPEN	OPEN	NONE
91627-1033	91626-0003	NONE	e f		NONE	NONE	OPEN	OPEN	NONE
91627-1034	91626-0003	NONE	a b		NONE	NONE	OPEN	OPEN	NONE
91627-1509	91690-4183	NONE	f		**CCT 2&3**	**CCT 1&2**	**LONG THICK**	OPEN	**BLACK**
91627-1510	91690-0023	NONE	a b c d e f		**CCT 1&2** **CCT 2&3**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-1511	91690-2283	NONE	NONE		**CCT 1&2**	**CCT 2&3**	**LONG THICK**	OPEN	NONE
91627-1512	91690-0014	NONE	a b c d e f		**CCT 1&2** **CCT 2&3**	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-1513	91690-0003	NONE	a b c d e f		**CCT 1&2** **CCT 2&3**	NONE	OPEN	OPEN	NONE
91627-1514	91626-0203	NONE	a b c d e f		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-1515	91690-4003	NONE	NONE		**CCT 2&3**	NONE	OPEN	OPEN	NONE
91627-1035	91692-4103	NONE	NONE		**CCT 2&3**	**CCT 1&2**	**SOLID**	**NARROW**	NONE
91627-1036	91626-0003	NONE	d		NONE	NONE	OPEN	OPEN	NONE
91627-1037	91626-0003	NONE	a d		NONE	NONE	OPEN	OPEN	NONE
91627-1018	91626-0063	NONE	c e		NONE	NONE	OPEN	**LONG THICK**	NONE
91627-1019	91626-0063	NONE	b c e		NONE	NONE	OPEN	**LONG THICK**	NONE
91627-1024	91626-0003	NONE	b c d e		NONE	NONE	OPEN	OPEN	**BLACK**
91627-1039	91626-0203	NONE	c		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-1040	91626-0003	NONE	a b c d e f		NONE	NONE	OPEN	OPEN	NONE
91627-1041	91626-0003	NONE	a b c f		NONE	NONE	OPEN	OPEN	NONE
91627-1042	91626-0003	NONE	c d e f		NONE	NONE	OPEN	OPEN	NONE

NOTES:
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EC NO: PG2016-1213 2016/10/04
DRWN: ZCRAMER 2016/04/06
CHKD:
APPR: BRUTTLE
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ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

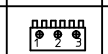
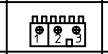
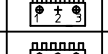
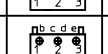
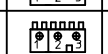
		DATE
DRAWN BY	LKIERNAN	07/05/2003
CHECKED BY	BMAGUIRE	25/07/2003
APPROVED BY	BMAGUIRE	2010/11/12
MATERIAL NO.	SEE CHARTS	

TITLE: RAST PWR IDT CONN 5MM PITCH

molex

DOCUMENT NO: SD-91627-001
SHEET NO: 6 OF 11
SIZE: A0

3 CIRCUIT cont

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-1043	91626-0003	NONE	NONE		NONE	NONE	OPEN	OPEN	**BLACK**
91627-1044	91626-0183	NONE	NONE		NONE	**CCT 1&2**	**LONG THICK**	**OPEN**	NONE
91627-1045	91690-4183	NONE	NONE		**CCT 2&3**	**CCT 1&2**	**LONG THICK**	**OPEN**	NONE
91627-1046	91665-1001	NONE	b c d e f & b2 c2 d2 e2		NONE	NONE	OPEN	OPEN	NONE
91627-1047	91690-4163	NONE	NONE		**CCT 2&3**	**CCT 1&2**	**OPEN**	**LONG THICK**	NONE
91627-1048	91690-4083	NONE	NONE		**CCT 2&3**	NONE	**CLOSED**	OPEN	NONE
91627-1049	91690-2223	NONE	a b c d e f		**CCT 1&2**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-1050	91626-0014	**CKT 2**	NONE		NONE	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-1051	91636-0063	NONE	NONE		NONE	NONE	LONG THIN FLUSH	1.5mm HIGH	NONE
91627-1052	91636-0043	NONE	NONE		NONE	NONE	1.5mm HIGH	LONG THIN FLUSH	NONE
91627-1053	91636-0083	NONE	NONE		NONE	NONE	1.5mm HIGH	1.5mm HIGH	NONE
91627-1054	91636-0083	NONE	b c d e		NONE	NONE	1.5mm HIGH	1.5mm HIGH	NONE
91627-1055	91690-4114	NONE	NONE		**CCT 2&3**	**CCT 1&2**	**CLOSED**	**CLOSED**	NONE
91627-1056	91626-0003	NONE	b e		NONE	NONE	OPEN	OPEN	NONE

NOTES:
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SEE SHEET 1
EC NO: PG2016-1213 2016/03/04
DRWN:ZCRAMER 2016/04/06
CHKD:
APPR:BRUTTLE
DESCRIPTION
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QUALITY SYMBOLS
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▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
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ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

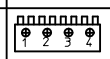
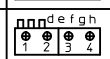
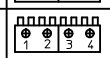
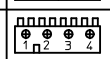
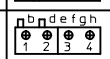
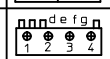
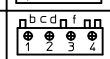
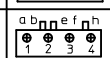
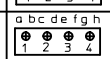
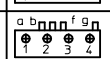
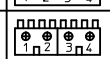
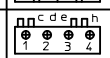
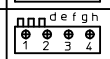
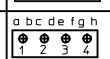
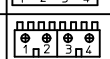
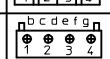
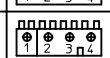
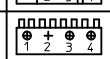
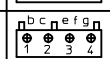
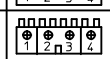
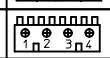
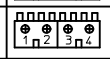
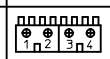
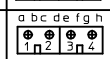
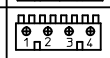
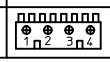
DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 2010/11/12
MATERIAL NO.: SEE CHARTS

TITLE: RAST PWR IDT CONN 5MM PITCH

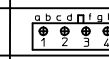
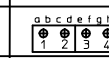
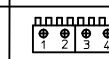
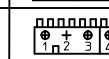
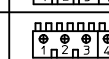
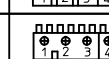
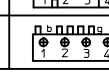
molex

DOCUMENT NO.: SD-91627-001
SHEET NO.: 7 OF 11
SIZE: A0

4 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-2001	91626-0004	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-2002	91626-0204	NONE	d e f g h		NONE	**CCT 2&3**	OPEN	OPEN	**RED**
91627-2003	91626-0204	NONE	NONE		NONE	**CCT 2&3**	OPEN	OPEN	**RED**
91627-2501	91690-2004	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-2004	91626-0204	NONE	b d e f g h		NONE	**CCT 2&3**	OPEN	OPEN	**RED**
91627-2005	91626-0004	NONE	d e f g		NONE	NONE	OPEN	OPEN	NONE
91627-2006	91626-0004	NONE	b c d f		NONE	NONE	OPEN	OPEN	NONE
91627-2007	91626-0004	NONE	a b e f h		NONE	NONE	OPEN	OPEN	NONE
91627-2008	91626-0004	NONE	a b c d e f g h		NONE	NONE	OPEN	OPEN	NONE
91627-2009	91626-0004	NONE	a b f g		NONE	NONE	OPEN	OPEN	NONE
91627-2503	91690-0224	NONE	NONE		**CCT 1&2 CCT 3&4**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-2010	91626-0004	NONE	c d e h		NONE	NONE	OPEN	OPEN	NONE
91627-2011	91626-0004	NONE	d e f g h		NONE	NONE	OPEN	OPEN	NONE
91627-2012	91626-0015	NONE	a b c d e f g h		NONE	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-2013	91690-0284	NONE	NONE		**CCT 1&2 CCT 3&4**	**CCT 2&3**	**LONG THICK**	OPEN	NONE
91627-2014	91626-0004	NONE	b c d e f g		NONE	NONE	OPEN	OPEN	NONE
91627-2015	91690-4104	NONE	NONE		**CCT 3/4**	**CCT 1/2**	OPEN	OPEN	NONE
91627-2016	91626-0004	**CCT 2**	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-2017	91626-0004	NONE	b c e f g		NONE	NONE	OPEN	OPEN	NONE
91627-2019	91692-7124	NONE	NONE		**CCT 2&3**	**CCT 1&2 CCT 3&4**	**NARROW**	**NARROW**	NONE
91627-2502	91690-0084	NONE	NONE		**CCT 1&2 CCT 3&4**	NONE	**LONG THICK**	OPEN	NONE
91627-2504	91690-0204	NONE	NONE		**CCT 1&2 CCT 3&4**	**CCT 2&3**	OPEN	OPEN	NONE
91627-2505	91690-0284	NONE	NONE		**CCT 1&2 CCT 3&4**	**CCT 2&3**	**LONG THICK**	OPEN	NONE
91627-2506	91690-0224	NONE	a b c d e f g h		**CCT 1&2 CCT 3&4**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-2507	91690-0064	NONE	NONE		**CCT 1&2 CCT 3&4**	NONE	OPEN	**LONG THICK**	NONE
91627-2508	91690-0004	NONE	NONE		**CCT 1&2 CCT 3&4**	NONE	OPEN	OPEN	NONE

4 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-2020	91626-0004	NONE	a b c d f g h		NONE	NONE	OPEN	OPEN	NONE
91627-2021	91626-0004	NONE	a b d e g h		NONE	NONE	OPEN	OPEN	NONE
91627-2022	91626-0215	NONE	a b c d e f g h		NONE	**CCT 2&3**	**LONG THICK**	**LONG THICK**	NONE
91627-2023	91626-0315	NONE	NONE		NONE	**CCT 3&4**	**LONG THICK**	**LONG THICK**	NONE
91627-2024	91626-0215	NONE	NONE		NONE	**CCT 2&3**	**LONG THICK**	**LONG THICK**	NONE
91627-2025	91690-2304	**CCT 2**	NONE		**CCT 1&2**	**CCT 3&4**	OPEN	OPEN	NONE
91627-2026	91690-0264	NONE	NONE		**1&2 3&4**	**CCT 2&3**	OPEN	**LONG THICK**	NONE
91627-2509	91690-9901	NONE	NONE		**1&2 2&3**	**CCT 3&4**	OPEN	OPEN	NONE
91627-2510	91690-0384	NONE	NONE		**1&2 2&3**	**CCT 3&4**	**CLOSED**	OPEN	NONE
91627-2511	91690-2304	NONE	NONE		**1&2**	**CCT 3&4**	OPEN	OPEN	NONE
91627-2512	91626-0004	NONE	b g		NONE	NONE	OPEN	OPEN	NONE

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

● - DENOTES TERMINAL POSITION LOADED
✚ - DENOTES TERMINAL POSITION VOIDED
▮ - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

3. ▪ = COLOUR COVERS WHOLE SURFACE

SEE SHEET 1
EC NO: IPG2016-1213 2016/03/04
DRWN:ZCRAMER 2016/04/06
CHKD:
APPR:BRUTTLE
DESCRIPTION
AN
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

		DATE
DRAWN BY	LKIERNAN	07/05/2003
CHECKED BY	BMAGUIRE	25/07/2003
APPROVED BY	BMAGUIRE	2010/11/12

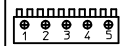
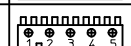
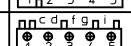
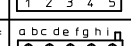
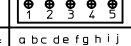
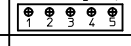
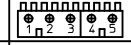
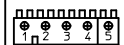
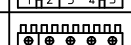
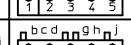
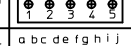
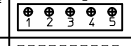
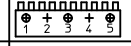
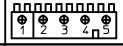
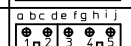
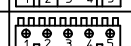
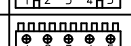
MATERIAL NO.: SEE CHARTS
SIZE: A0

TITLE: RAST PWR IDT CONN 5MM PITCH

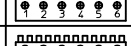
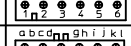
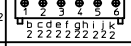
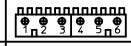
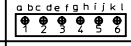
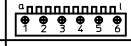
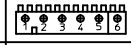
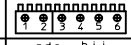
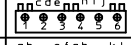
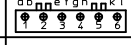
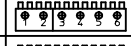
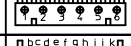
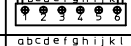
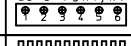
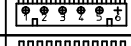
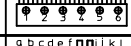
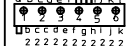
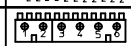
molex

DOCUMENT NO.: SD-91627-001
SHEET NO.: 8 OF 11

5 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-3001	91626-0005	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-3501	91690-2005	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-3002	91626-0005	NONE	c d f g i		NONE	NONE	OPEN	OPEN	NONE
91627-3003	91626-0005	NONE	a b c d e f g h i		NONE	NONE	OPEN	OPEN	NONE
91627-3004	91626-0005	NONE	a b c d e f g h i j		NONE	NONE	OPEN	OPEN	NONE
91627-3502	91690-0325	NONE	NONE		**CCT 1&2 CCT 4&5**	**CCT 3&4**	**SHORT THIN**	**LONG THICK**	NONE
91627-3503	91690-2425	NONE	NONE		**CCT 1&2**	**CCT 4&5**	**SHORT THIN**	**LONG THICK**	NONE
91627-3504	91690-0205	NONE	NONE		**CCT 1&2 CCT 4&5**	**CCT 2&3**	OPEN	OPEN	NONE
91627-3005	91626-0105	NONE	NONE		NONE	**CCT 1&2**	OPEN	OPEN	NONE
91627-3006	91626-0005	NONE	b c d g h j		NONE	NONE	OPEN	OPEN	NONE
91627-3007	91626-0016	NONE	a b c d e f g h i j		NONE	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-3009	91626-0005	**CKT 2 CKT 4**	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-3010	91690-4125	NONE	NONE		**CCT 4&5**	**CCT 1&2**	**SHORT THIN**	**LONG THICK**	NONE
91627-3011	91626-0205	NONE	NONE		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-3505	91690-0225	NONE	a b c d e f g h i j		**CCT 1&2 CCT 4&5**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-3507	91690-0065	NONE	NONE		**CCT 1&2 CCT 4&5**	NONE	OPEN		NONE
91627-3008	91626-0085	NONE	NONE		NONE	NONE	**LONG THICK**	OPEN	NONE
91627-3012	91626-0205	**CKT 2 CKT 4**	NONE		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-3013	91690-0025	NONE	NONE		**CCT 1&2 CCT 4&5**	NONE	**SHORT THIN**	**LONG THICK**	NONE

6 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-4001	91626-0006	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-4501	91690-2006	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-4002	91665-4001	NONE	a,b,c,d,g,h,i,j k,l b2,c2,d2,e2,f2 g2,h2,i2,j2,k2		NONE	NONE	OPEN	OPEN	NONE
91627-4502	91690-0306	NONE	NONE		**CCT 1&2 CCT 5&6**	**CCT 3&4**	OPEN	OPEN	NONE
91627-4003	91626-0006	NONE	ALL		NONE	NONE	OPEN	OPEN	NONE
91627-4004	91626-0006	NONE	a l		NONE	NONE	OPEN	OPEN	NONE
91627-4503	91690-2526	NONE	NONE		**CCT 1&2**	**CCT 5&6**	**SHORT THIN**	**LONG THICK**	NONE
91627-4005	91626-0206	NONE	NONE		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-4006	91626-0006	NONE	c d e h i j		NONE	NONE	OPEN	OPEN	NONE
91627-4007	91626-0006	NONE	a b e f g h k l		NONE	NONE	OPEN	OPEN	NONE
91627-4504	91690-0206	NONE	NONE		**CCT 1&2 CCT 5&6**	**CCT 2&3**	OPEN	OPEN	NONE
91627-4008	91626-0226	NONE	NONE		NONE	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-4507	91690-0026	NONE	NONE		**CCT 1&2 CCT 5&6**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-4508	91690-0206	NONE	NONE		**CCT 1&2 CCT 5&6**	**CCT 2&3**	OPEN	OPEN	**BLACK**
91627-4509	91690-0066	NONE	NONE		**CCT 1&2 CCT 5&6**	NONE	OPEN	**LONG THICK**	NONE
91627-4009	91626-0006	NONE	b c d e f g h i j k		NONE	NONE	OPEN	OPEN	NONE
91627-4010	91626-0017	NONE	a b c d e f g h i j k l		NONE	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-4011	91690-0026	**CCT 6**	NONE		**CCT 1&2 CCT 5&6**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-4012	91626-0006	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-4013	91665-4002	NONE	a b c d e f i j k l b2 c2 d2 e2 f2 g2 h2 i2 j2 k2		NONE	NONE	OPEN	OPEN	NONE
91627-4014	91690-0226	NONE	NONE		**CCT 1&2 CCT 5&6**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-4015	91636-0026	NONE	NONE		NONE	NONE	**LONG THIN FLUSH**	**LONG THIN FLUSH**	NONE
91627-4016	91636-0086	NONE	NONE		NONE	NONE	**1.5MM HIGH**	**1.5MM HIGH**	NONE
91627-4017	91690-0217	NONE	NONE		**CCT 1&2 CCT 5&6**	**CCT 2&3**	**LONG THICK**	**LONG THICK**	NONE

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

● - DENOTES TERMINAL POSITION LOADED
+ - DENOTES TERMINAL POSITION VOIDED
| - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: PG2016-1213 2016/03/04
DRWN:ZTRAMER 2016/04/06
CHKD:
APPR:BRUTTLE
DESCRIPTION
REV: AN

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 2010/11/12
MATERIAL NO.: SEE CHARTS

TITLE: RAST PWR IDT CONN 5MM PITCH
molex
DOCUMENT NO.: SD-91627-001
SHEET NO.: 9 OF 11
SIZE: A0

7 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-5001	91626-0007	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-5002	91626-0007	NONE	b, c, d, e, f, h, i, j, k, l, m		NONE	NONE	OPEN	OPEN	NONE
91627-5003	91626-0007	NONE	b, c, e, f, g, i, j, k, m, n		NONE	NONE	OPEN	OPEN	**ORANGE**
91627-5501	91690-2007	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-5502	91690-0027	NONE	NONE		**CCT 1&2 CCT 6&7**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-5004	91626-0007	NONE	c d g h i j k		NONE	NONE	OPEN	OPEN	NONE
91627-5503	91690-0307	NONE	NONE		**CCT 1&2 CCT 6&7**	**CCT 3&4**	OPEN	OPEN	NONE
91627-5504	91690-0007	NONE	NONE		**CCT 1&2 CCT 6&7**	NONE	OPEN	OPEN	NONE
91627-5005	91626-0007	NONE	a b c d e g h i j k l m		NONE	NONE	OPEN	OPEN	NONE
91627-5006	91626-0207	NONE	NONE		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-5505	91690-0007	NONE	NONE		**CCT 1&2 CCT 6&7**	NONE	OPEN	OPEN	NONE
91627-5010	91626-0007	NONE	NONE		NONE	NONE	OPEN	OPEN	**GREEN**
91627-5506	91690-0227	NONE	a b c d e f g h i j k l m n		**CCT 1&2 CCT 6&7**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-5507	91690-0027	NONE	a b c d e f g h i j k l m n		**CCT 1&2 CCT 6&7**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-5007	91665-5001	NONE	a b c d e f i j k l m + b2 c2 d2 e2 f2 g2 h2 i2 j2 k2 m2	2 2 2 2 2 2 2 2 2 2 2	NONE	NONE	OPEN	OPEN	NONE
91627-5008	91626-0007	NONE	c d e f g h i j k l m n		NONE	NONE	OPEN	OPEN	NONE
91627-5009	91626-0007	NONE	m n		NONE	NONE	OPEN	OPEN	NONE
91627-5011	91626-0007	NONE	b c d e f g h i j k l m		NONE	OPEN	OPEN	OPEN	NONE
91627-5012	91626-0007	NONE	c d g i j l m n		NONE	NONE	OPEN	OPEN	NONE
91627-5013	91626-0007	NONE	c d g i j k l m n		NONE	NONE	OPEN	OPEN	NONE
91627-5014	91626-0507	NONE	NONE		NONE	**CCT 5&6**	OPEN	OPEN	NONE
91627-5015	91626-0527	NONE	NONE		NONE	**CCT 5&6**	**SHORT THIN**	**LONG THICK**	NONE
91627-5016	91636-0087	NONE	NONE		NONE	NONE	**1.5mm HIGH**	**1.5mm HIGH**	NONE
91627-5017	91690-0227	NONE	NONE		**CCT 1&2 CCT 6&7**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE

8 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-6001	91626-0008	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-6501	91690-2008	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-6502	91690-0308	NONE	NONE		**CCT 1&2 CCT 7&8**	**CCT 3&4**	OPEN	OPEN	NONE
91627-6002	91626-0208	NONE	NONE		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-6003	91626-0019	NONE	a b c d e f g h i j k l m n o p		NONE	NONE	**LONG THICK**	**LONG THICK**	NONE
91627-6004	91626-0419	NONE	NONE		NONE	**CCT 4&5**	**CLOSED**	**CLOSED**	NONE
91627-6005	91626-0008	NONE	b o		NONE	NONE	OPEN	OPEN	NONE
91627-6006	91626-0008	NONE	b c d e f g h i j k l m n o		NONE	NONE	OPEN	OPEN	NONE

9 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-7001	91626-0009	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-7501	91690-2009	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-7502	91690-0029	NONE	NONE		**CCT 1&2 CCT 8&9**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-7503	91690-0029	NONE	All		**CCT 1&2 CCT 8&9**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91627-7002	91626-0009	NONE	All		NONE	NONE	OPEN	OPEN	NONE
91627-7504	91690-2309	NONE	NONE		**CCT 1&2**	**CCT 3&4**	OPEN	OPEN	NONE
91627-7003	91626-0209	NONE	NONE		NONE	**CCT 2&3**	OPEN	OPEN	NONE
91627-7505	91690-0229	NONE	NONE		**CCT 1&2 CCT 8&9**	**CCT 2&3**	**SHORT THIN**	**LONG THICK**	NONE
91627-7506	91690-0209	NONE	NONE		**CCT 1&2 CCT 8&9**	**CCT 2&3**	OPEN	OPEN	NONE
91627-7507	91690-0309	NONE	NONE		**CCT 1&2 CCT 8&9**	**CCT 3&4**	OPEN	OPEN	NONE
91627-7508	91690-0220	NONE	NONE		**CCT 1&2 CCT 8&9**	**CCT 2&3**	**LONG THICK**	**LONG THICK**	NONE
91627-7004	91626-0069	NONE	ALL		NONE	NONE	OPEN	**LONG THICK**	NONE
91627-7005	91690-0089	NONE	NONE		NONE	NONE	**LONG THICK**	OPEN	NONE
91627-7006	91626-0020	NONE	ALL		NONE	NONE	**LONG THICK**	**LONG THICK**	NONE

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

●- DENOTES TERMINAL POSITION LOADED
+- DENOTES TERMINAL POSITION VOIDED
▮- DENOTES POSITION OF POLARISING RIB
⊓- DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2016-1213 2016/03/04
DRWN:ZCRAMER 2016/04/06
CHKD:
APPR:BRUTTLE
DESCRIPTION
REV AN

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

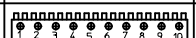
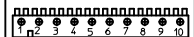
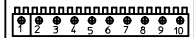
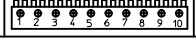
		DATE
DRAWN BY	LKIERNAN	07/05/2003
CHECKED BY	BMAGUIRE	25/07/2003
APPROVED BY	BMAGUIRE	2010/11/12

TITLE: RAST PWR IDT CONN 5MM PITCH

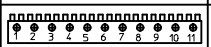
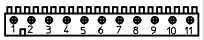
molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91627-001
SHEET NO.: 10 OF 11
SIZE: A0

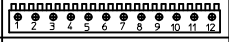
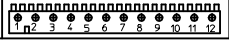
10 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-8001	91626-0010	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-8501	91690-2010	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE
91627-8002	91626-0110	NONE	NONE		NONE	**CCT 1&2**	OPEN	OPEN	NONE
91627-8003	91626-0310	NONE	NONE		NONE	**CCT 3&4**	OPEN	OPEN	NONE
91627-8004	91626-0090	NONE	NONE		NONE	NONE	**LONG THICK**	OPEN	NONE

11 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-9001	91626-0011	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-9251	91690-2011	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE

12 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91627-9501	91626-0012	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91627-9751	91690-2012	NONE	NONE		**CCT 1&2**	NONE	OPEN	OPEN	NONE

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

●- DENOTES TERMINAL POSITION LOADED
✚- DENOTES TERMINAL POSITION VOIDED
I - DENOTES POSITION OF POLARISING RIB
⊓- DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: PG2016-1213 2016/03/04
DRWN:ZCRAMER 2016/04/06
CHKD:
APPR:BRUTTLE
DESCRIPTION
REV AN

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

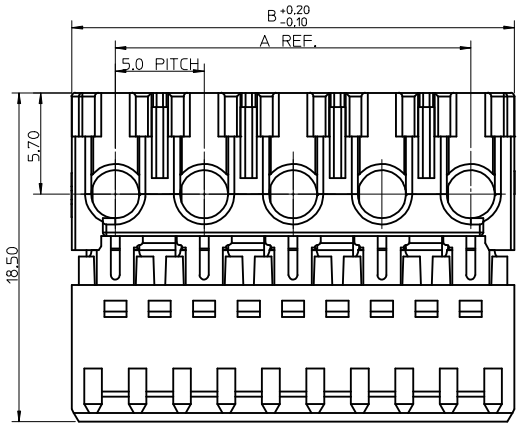
DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 2010/11/12
MATERIAL NO.: SEE CHARTS

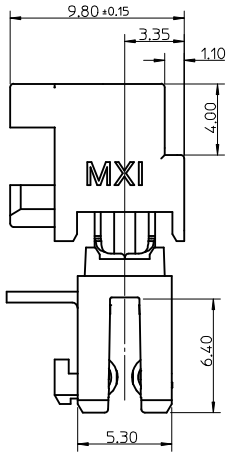
TITLE: RAST PWR IDT CONN 5MM PITCH

molex

DOCUMENT NO.: SD-91627-001
SHEET NO.: 11 OF 11
SIZE: A0

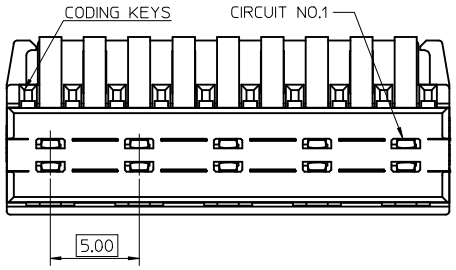
EM-91627-100

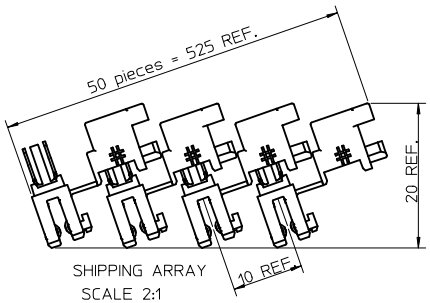


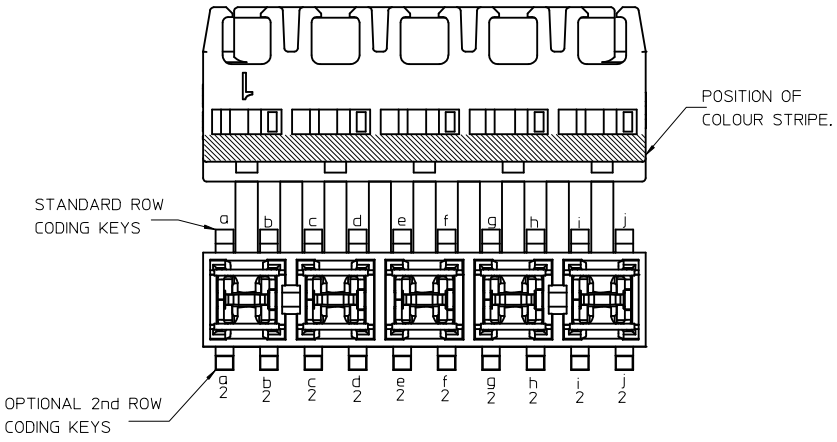


CKT	DIM A	DIM B
2	5	9.9
3	10	14.9
4	15	19.9
5	20	24.9
6	25	29.9
7	30	34.9
8	35	39.9
9	40	44.9
10	45	49.9
11	50	54.9
12	55	59.9

NOTES:
1. MATERIAL: HOUSING: PA 6
   TERMINAL: COPPER ALLOY
   PLATING: SILVER (10A)
2. PRODUCT SPECIFICATION: PS-91627-001
3. SEE SUBSEQUENT SHEETS FOR PART NUMBERING INFORMATION
4. THIS CONNECTOR MATES WITH HEADER ONLY. SEE PRODUCT SPECIFICATION PS-91627-001 FOR APPROVED HEADERS
5. CABLE:
   - RECOMMENDED CABLE CROSS SECTIONAL AREA = 0.50mm.sq TO 0.75mm.sq
   - MAX CABLE INSULATION DIAMETER = 2.5mm
6. PACKAGING SPECIFICATION: PK-91627-001
7. APPLICATION SPECIFICATION: AS-91627-001

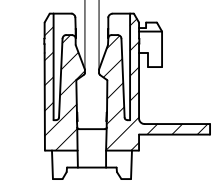




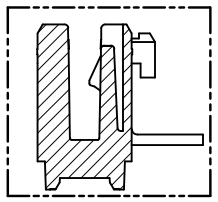


LATCH OPTIONS

FULL LATCH



1/2 LATCH



CUTAWAY1

NEW PART NUMBERS
EC NO: IPG2015-2154 2015/06/26
DRWN:BRUTTLE
CHKD:
APPR:MSHANAHAN 2015/07/24
DESCRIPTION
S
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

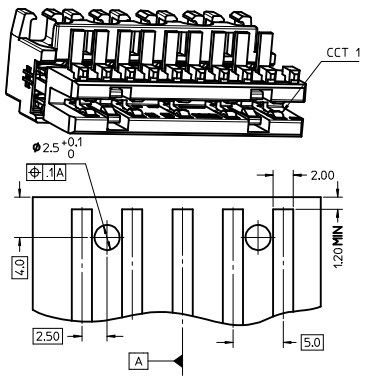
	NAME	DATE
DRAWN BY	LKIERNAN	07/05/2003
CHECKED BY	BMAGUIRE	25/07/2003
APPROVED BY	BMAGUIRE	25/07/03

TITLE: 10A RAST PWR IDT CONN 5MM PTCH

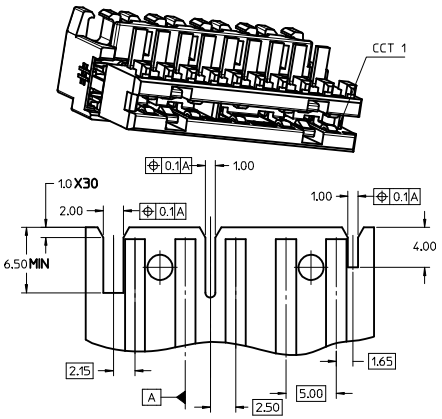
molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91791-001
SHEET NO.: 1 OF 7

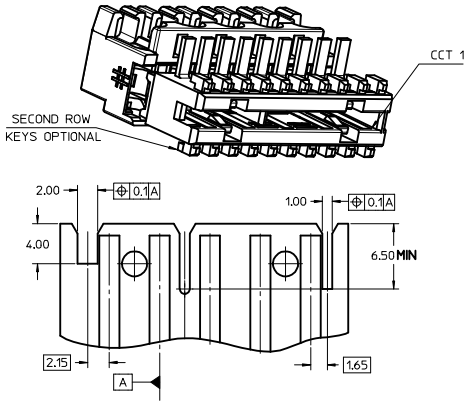
SIZE A2



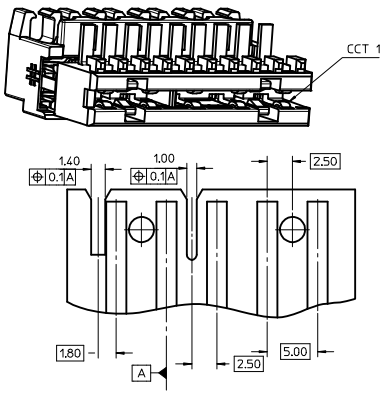
END WALLS OPEN	
FIRST	LAST
OPEN	OPEN



END WALLS A	
FIRST	LAST
SHORT THIN	LONG THICK

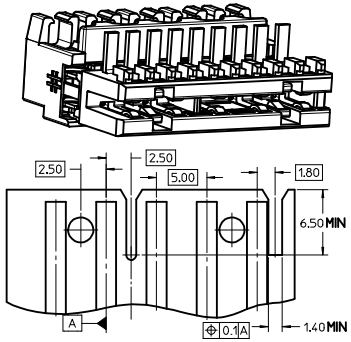


END WALLS B	
FIRST	LAST
LONG THIN	SHORT THICK



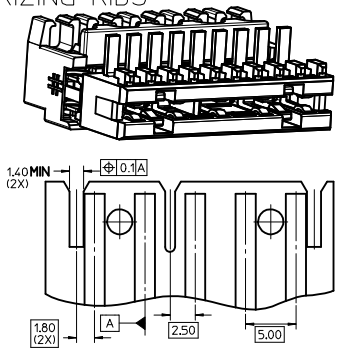
END WALLS C	
FIRST	LAST
OPEN	LONG THICK

1 ROW CODING KEYS OPTION D END WALLS WITH LATCHES AND POLARIZING RIBS



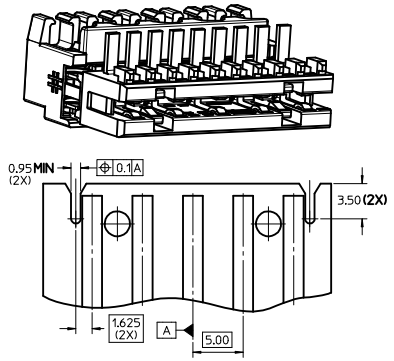
END WALLS D	
FIRST	LAST
LONG THICK	OPEN

1 ROW CODING KEYS OPTION E END WALLS WITH LATCHES AND POLARIZING RIBS



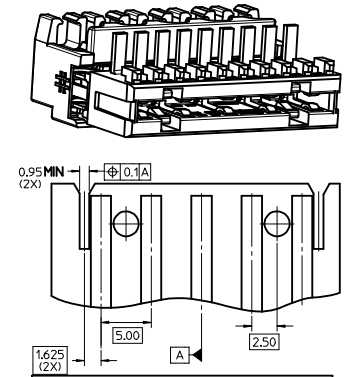
END WALLS E	
FIRST	LAST
LONG THICK	LONG THICK

1 ROW CODING KEYS OPTION F END WALLS WITH LATCHES



END WALLS F	
FIRST	LAST
SHORT THIN	SHORT THIN

1 ROW CODING KEYS OPTION G END WALLS WITH LATCHES



END WALLS G	
FIRST	LAST
LONG THIN	LONG THIN

NOTES:
1. THERE MAY BE TWO LATCHES WHICH CAN BE POSITIONED BETWEEN CCT ONE AND TWO AND /OR BETWEEN SECOND LAST AND LAST CCT.
   2CCT OPTIONS WILL HAVE HALF LATCH ONLY
   3CCT OPTIONS WITH 2 LATCHES WILL HAVE HALF LATCH BETWEEN CCTS 1&2 AND FULL LATCH CCTS 2&3
2. POLARIZING RIB CAN BE BETWEEN ANY 2 CCT, BUT NOT WHERE A LATCH IS POSITIONED.
3. LATCHES NOT RECOMENDED WHEN MATING TO STANDARD HEADERS.

SEE SHEET 1
EC NO: IPG2015-21154 2015/06/26
DRWN:BRUTTLE
CHKD:
APPR:MSHANAHAN 2015/07/24
REV S DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

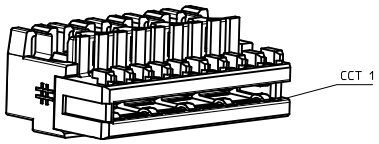
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

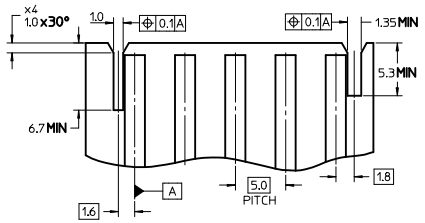
ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

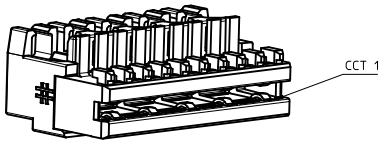
DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	LKIERNAN
DATE	07/05/2003
CHECKED BY	BMAGUIRE
DATE	25/07/2003
APPROVED BY	BMAGUIRE
DATE	25/07/03
MATERIAL NO.	SEE CHARTS
TITLE	10A RAST PWR IDT CONN 5MM PTCH
DOCUMENT NO.	SD-91791-001
SHEET NO.	2 OF 7
SIZE	A1

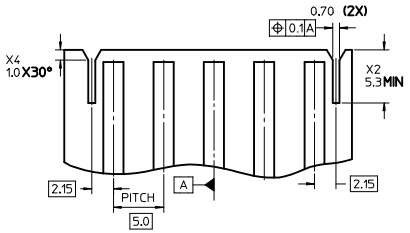
molex



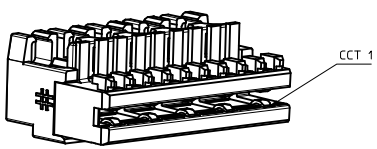


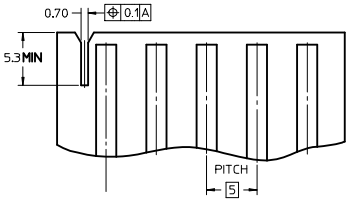
END WALLS H	
FIRST	LAST
LONG & THIN	LONG & THICK



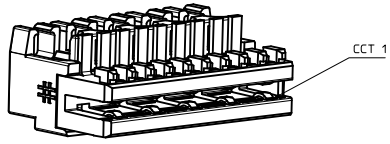


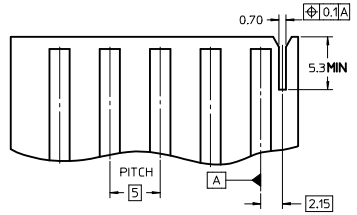
END WALLS J	
FIRST	LAST
LONG & THIN OUTSIDE FLUSH	LONG & THIN OUTSIDE FLUSH



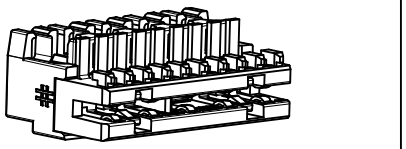


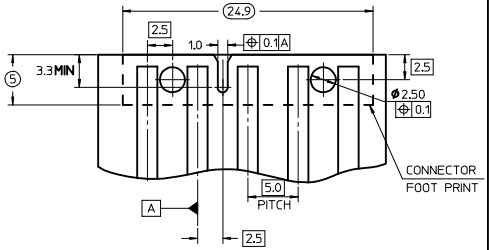
END WALLS K	
FIRST	LAST
LONG & THIN OUTSIDE FLUSH	OPEN





END WALLS L	
FIRST	LAST
OPEN	LONG & THIN OUTSIDE FLUSH





END WALLS M	
FIRST	LAST
1.5MM HIGH	1.5MM HIGH

NOTES:
1. THERE MAY BE TWO LATCHES WHICH CAN BE POSITIONED BETWEEN CCT ONE AND TWO AND /OR BETWEEN SECOND LAST AND LAST CCT.
   2CCT OPTIONS WILL HAVE HALF LATCH ONLY
   3CCT OPTIONS WITH 2 LATCHES WILL HAVE HALF LATCH BETWEEN CCTS 1&2 AND FULL LATCH CCTS 2&3
2. POLARIZING RIB CAN BE BETWEEN ANY 2 CCT, BUT NOT WHERE A LATCH IS POSITIONED.
3. LATCHES NOT RECOMENDED WHEN MATING TO STANDARD HEADERS.

SEE SHEET 1
EC NO: IPG2015-2154 2015/06/26
DRWN:BRUTTLE
CHKD:
APPR:MSHANAHAN 2015/07/24
DESCRIPTION
REV
S

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 25/07/03

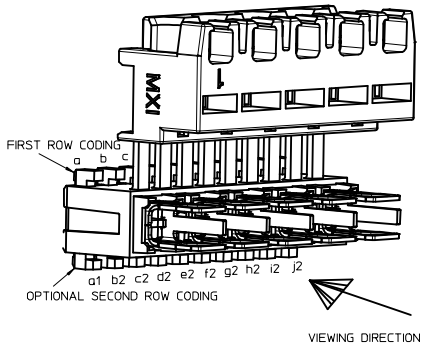
TITLE: 10A RAST PWR IDT CONN 5MM PTCH

molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91791-001
SHEET NO.: 3 OF 7
SIZE: A1

2 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-0001	91626-0002	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91791-0002	91665-0002	NONE	a d b2 c2 d2		NONE	NONE	OPEN	OPEN	NONE
91791-0003	91665-0001	NONE	b d a2 b2 c2		NONE	NONE	OPEN	OPEN	NONE
91791-0004	91665-0002	NONE	b d b2 c2 d2		NONE	NONE	OPEN	OPEN	NONE
91791-0005	91665-0001	NONE	a b a2 b2 c2		NONE	NONE	OPEN	OPEN	NONE
91791-0006	91665-0001	NONE	a d a2 b2 c2		NONE	NONE	OPEN	OPEN	NONE
91791-0007	91665-0001	NONE	b c a2 b2 c2		NONE	NONE	OPEN	OPEN	NONE
91791-0008	91665-0003	NONE	a b c b2 c2		NONE	NONE	OPEN	OPEN	NONE
91791-0501	91690-2062	NONE	NONE		1/2	NONE	**OPEN**	**LONG THICK**	NONE
91791-0010	91665-0002	NONE	a d b2 c2 d2		NONE	NONE	OPEN	OPEN	**RED**
91791-0009	91626-0002	NONE	a b		NONE	NONE	OPEN	OPEN	NONE
91791-0011	91665-0004	NONE	b d a2 b2 c2		1/2	NONE	OPEN	OPEN	NONE
91791-0012	91665-0005	NONE	a d b2 c2 d2		1/2	NONE	OPEN	OPEN	NONE
91791-0013	91665-0005	NONE	b d b2 c2 d2		1/2	NONE	OPEN	OPEN	NONE
91791-0014	91665-0006	NONE	a b c b2 c2		1/2	NONE	OPEN	OPEN	NONE
91791-0502	91690-2022	NONE	NONE		1/2	NONE	**SHORT & THIN**	**LONG & THICK**	NONE



NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE
   - DENOTES TERMINAL POSITION LOADED
   - DENOTES TERMINAL POSITION VOIDED
   - DENOTES POSITION OF POLARISING RIB
   - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2015-2154 2015/06/26
DRWN:BRUTTLE
CHKD:
APPR:MSHANAHAN 2015/07/24
REV DESCRIPTION
S

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 25/07/03

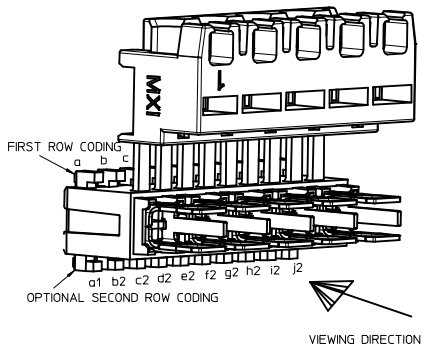
TITLE: 10A RAST PWR IDT CONN 5MM PTCH

molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91791-001
SHEET NO.: 4 OF 7
SIZE: A1

3 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-1001	91626-0003	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
91791-1002	91626-0103	NONE	a b c		NONE	1/2	OPEN	OPEN	**RED**
91791-1004	91626-0103	NONE	NONE		NONE	1/2	OPEN	OPEN	**RED**
91791-1504	91690-2203	NONE	a b c		1&2	2/3	OPEN	OPEN	**RED**
91791-1003	91665-1001	NONE	b c d e f b2 c2 d2 e2		NONE	NONE	OPEN	OPEN	NONE
91791-1505	91690-0023	NONE	NONE		1/2 2/3	NONE	**SHORT THIN**	**LONG THICK**	NONE
91791-1506	91690-4163	NONE	NONE		2/3	1/2	OPEN	**LONG THICK**	NONE
91791-1507	91690-4154	NONE	NONE		2/3	1/2	**LONG THIN**	**LONG THIN**	NONE
91791-1508	91690-4134	NONE	NONE		2/3	1/2	**SHORT THIN**	**SHORT THIN**	NONE
91791-1509	91690-4183	NONE	NONE		2/3	1/2	**LONG THICK**	OPEN	NONE
91791-1510	91665-1002	NONE	a b c d b2 c2 d2 e2		1/2	NONE	OPEN	OPEN	NONE
91791-1511	91665-1002	NONE	a b e f b2 c2 d2 e2		1/2	NONE	OPEN	OPEN	NONE
91791-1512	91665-1002	NONE	b c d e b2 c2 d2 e2		1/2	NONE	OPEN	OPEN	NONE
91791-1005	91626-0003	NONE	d e f		NONE	NONE	OPEN	OPEN	NONE
91791-1006	91665-1001	NONE	a c d f b2 c2 d2 e2		NONE	NONE	OPEN	OPEN	NONE
91791-1007	91626-0003	NONE	b c d e		NONE	NONE	OPEN	OPEN	NONE
91791-1513	91665-1002	NONE	b c d e f b2 c2 d2 e2		1/2	NONE	OPEN	OPEN	NONE
91791-1008	91665-1001	NONE	b c d e a2 b2 c2 d2 e2		NONE	NONE	OPEN	OPEN	NONE



NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

⊕ - DENOTES TERMINAL POSITION LOADED
\+ - DENOTES TERMINAL POSITION VOIDED
I - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2015-2154 2015/06/26
DRWN:BRUTTLE 2015/07/24
CHKD:
APPR:MSHANAHAN
DESCRIPTION
REV
S

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 25/07/03

TITLE: 10A RAST PWR IDT CONN 5MM PTCH

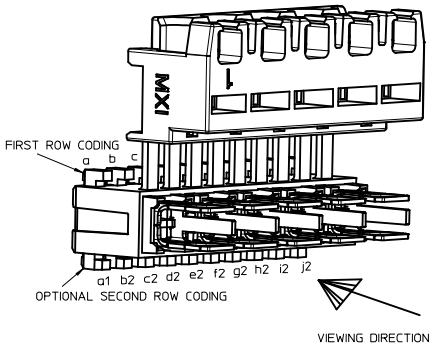
molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-91791-001
SHEET NO.: 5 OF 7

SIZE A1

4 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-2001	91626-0004	NONE	NONE	1 2 3 4	NONE	NONE	OPEN	OPEN	NONE
91791-2004	91626-0204	NONE	b d e f g h	b d e f g h / 1 2 3 4	NONE	**2/3**	OPEN	OPEN	**RED**
91791-2505	91690-0024	NONE	NONE	1 2 3 4	**1/2 3/4**	NONE	**SHORT THIN**	**LONG THICK**	NONE
91791-2506	91690-4164	NONE	NONE	1 2 3 4	**3/4**	**1/2**	OPEN	**LONG THICK**	NONE
91791-2005	91665-2001	NONE	b c d e f g b c d e f g h 2 2 2 2 2 2 2	b c d e f g / 1 2 3 4 / b c d e f g h 2 2 2 2 2 2 2	NONE	NONE	OPEN	OPEN	NONE



5 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-3001	91626-0005	NONE	NONE	1 2 3 4 5	NONE	NONE	OPEN	OPEN	NONE
91791-3501	91690-0365	NONE	NONE	1 2 3 4 5	**1/2 4/5**	**3/4**	OPEN	**LONG THICK**	NONE
91791-3002	91626-0005	NONE	b c d g h j	b c d g h j / 1 2 3 4 5	NONE	NONE	OPEN	OPEN	NONE
91791-3502	91690-0265	NONE	NONE	1 2 3 4 5	**1/2 4/5**	**2/3**	OPEN	**LONG THICK**	NONE
91791-3503	91690-0225	NONE	a b c d e f g h i j	2 3 4 5	**1/2 4/5**	**2/3**	**SHORT & THIN**	**LONG & THICK**	NONE

6 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-4001	91626-0006	NONE	NONE	1 2 3 4 5 6	NONE	NONE	OPEN	OPEN	NONE
91791-4002	91665-4001	NONE	a b c d e f i j k l + b2 c2 d2 e2 f2 g2 h2 i2 j2 k2	a b c d e f i j k l / 1 2 3 4 5 6 / b c d e f g h i j k 2 2 2 2 2 2 2 2 2 2 2	NONE	NONE	OPEN	OPEN	NONE
91791-4503	91690-0306	NONE	NONE	1 2 3 4 5 6	**1/2 5/6**	**3/4**	OPEN	OPEN	NONE

7 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-5001	91626-0007	NONE	NONE	1 2 3 4 5 6 7	NONE	NONE	OPEN	OPEN	NONE
91791-5002	91665-5002	NONE	a b c d e f i j k l m n b2 c2 d2 e2 f2 g2 h2 i2 j2 k2 m2 n2	a b c d e f i j k l m n / 1 2 3 4 5 6 7 / b c d e f g h i j k m n 2 2 2 2 2 2 2 2 2 2 2 2	NONE	NONE	OPEN	OPEN	NONE
91791-5003	91626-0507	NONE	NONE	1 2 3 4 5 6 7	NONE	**5/6**	OPEN	OPEN	NONE

8 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-6001	91626-0008	NONE	NONE	1 2 3 4 5 6 7 8	NONE	NONE	OPEN	OPEN	NONE

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE
- ⊕ - DENOTES TERMINAL POSITION LOADED
- + - DENOTES TERMINAL POSITION VOIDED
- | - DENOTES POSITION OF POLARISING RIB
- ⊓ - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2015-2154 2015/06/26
DRWN:BRUTTLE
CHKD:
APPR:MSHANAHAN 2015/07/24
DESCRIPTION
REV
S

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 25/07/03
MATERIAL NO.: SEE CHARTS

TITLE: 10A RAST PWR IDT CONN 5MM PTCH

molex

DOCUMENT NO.: SD-91791-001
SHEET NO.: 6 OF 7

SIZE A1

9 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-7001	91626-0009	NONE	NONE	1 2 3 4 5 6 7 8 9	NONE	NONE	OPEN	OPEN	NONE
91791-7003	91626-0209	NONE	NONE	1 2 3 4 5 6 7 8 9	NONE	2&3	OPEN	OPEN	NONE

10 CIRCUIT

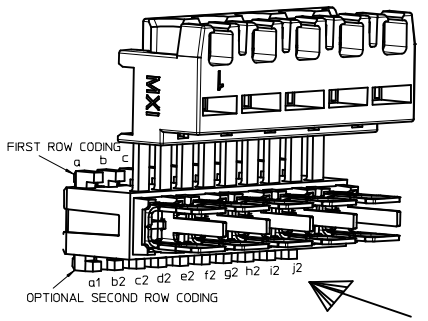
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-8001	91626-0010	NONE	NONE	1 2 3 4 5 6 7 8 9 10	NONE	NONE	OPEN	OPEN	NONE

11 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-9001	91626-0011	NONE	NONE	1 2 3 4 5 6 7 8 9 10 11	NONE	NONE	OPEN	OPEN	NONE

12 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	ENDWALLS FIRST	ENDWALLS LAST	COLOUR STRIPE
91791-9501	91626-0012	NONE	NONE	1 2 3 4 5 6 7 8 9 10 11 12	NONE	NONE	OPEN	OPEN	NONE



NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE
   - DENOTES TERMINAL POSITION LOADED
   - DENOTES TERMINAL POSITION VOIDED
   - DENOTES POSITION OF POLARISING RIB
   - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2015-2154 2015/06/26
DRWN:BRUTTLE
CHKD:
APPR:MSHANAHAN 2015/07/24
DESCRIPTION
REV
S

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.10	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

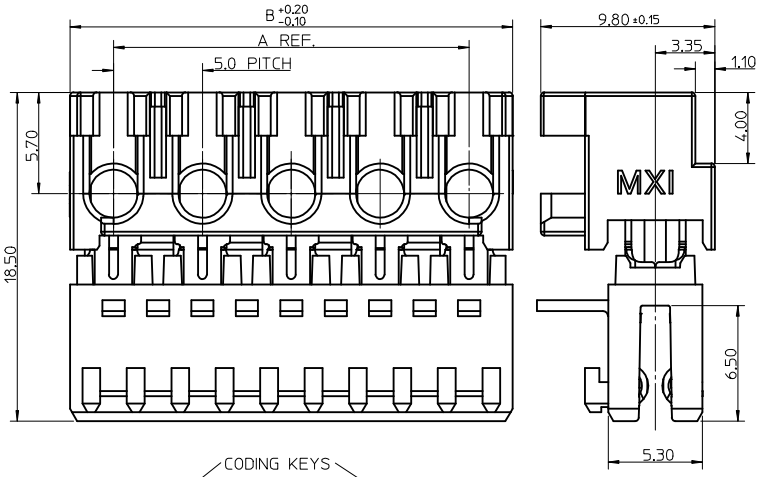
DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

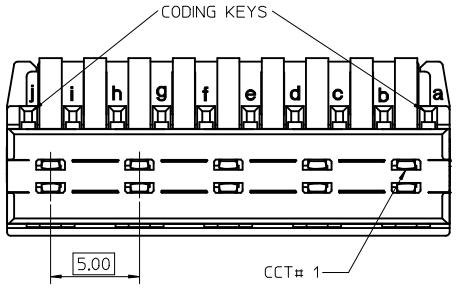
DRAWN BY: LKIERNAN DATE: 07/05/2003
CHECKED BY: BMAGUIRE DATE: 25/07/2003
APPROVED BY: BMAGUIRE DATE: 25/07/03
MATERIAL NO.: SEE CHARTS

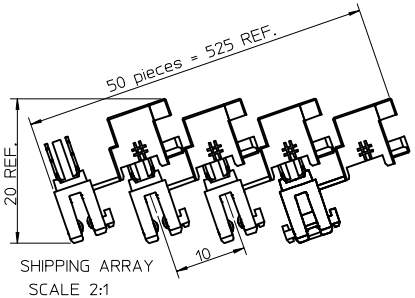
TITLE: 10A RAST PWR IDT CONN 5MM PTCH

molex

DOCUMENT NO.: SD-91791-001
SHEET NO.: 7 OF 7
SIZE: A1



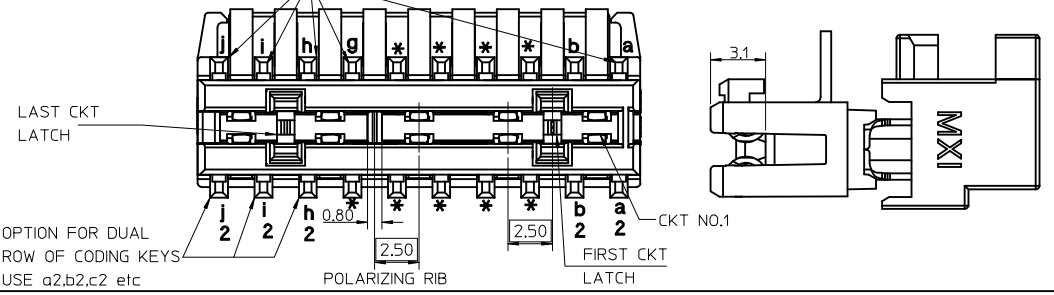




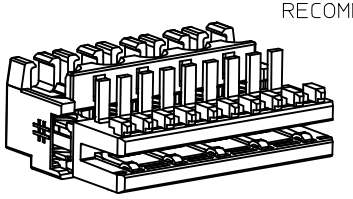
FOR POLARIZATION END WALL OPTIONS SEE BELOW

STANDARD ROW OF CODING KEYS

ADDITIONAL OPTIONS

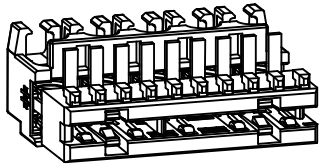


RECOMMENDED PCB LAYOUT FOR OPTIONS SHOWN (SCALE 3:1)



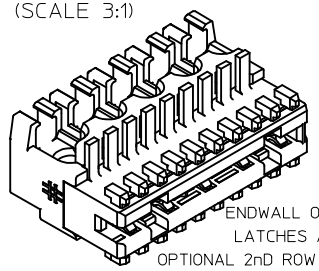
OPEN ENDWALL OPTION
NO POLARIZING RIB
STANDARD ROW OF KEYS

FIRST ENDWALL	LAST ENDWALL
OPEN	OPEN



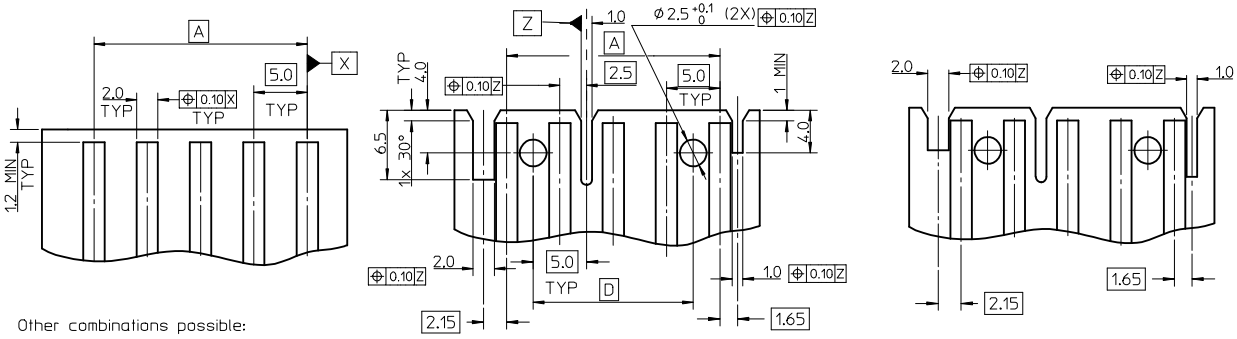
ENDWALL OPTION A
LATCHES AND RIB

FIRST ENDWALL	LAST ENDWALL
SHORT & THIN	LONG & THICK



ENDWALL OPTION B
LATCHES AND RIB
OPTIONAL 2nD ROW OF KEYS

FIRST ENDWALL	LAST ENDWALL
LONG & THIN	SHORT & THICK



Other combinations possible:
There may be one or two latches which can be positioned between 1st and 2nd ckt and/or between 2nd last and last ckt.
The polarizing rib can be between any 2 ckt.
There may be one end wall only option, which must be located at the larger ckt end (not next to ckt 1)

CKT	DIM A	DIM B		DIM D
2	5	9.9		-
3	10	14.9		5
4	15	19.9		10
5	20	24.9		15
6	25	29.9		20
7	30	34.9		25
8	35	39.9		30
9	40	44.9		35
10	45	49.9		40
11	50	54.9		45
12	55	59.9		50

NOTES:
1. MATERIAL: HOUSING: PA 66 V0 HWI
   TERMINAL:PHOSPHOR BRONZE OR COPPER ALLOY
   PLATING: TIN(6A) OR SILVER(10A)
2. PRODUCT SPECIFICATION: PS-91627-001
3. SEE SUBSEQUENT SHEETS FOR PART NUMBERING INFORMATION
4. LATCHES RECOMMENDED WHERE LOCKING VIA HEADER, GUIDEFRAME OR COMPONENT ENCLOSURE IS NOT POSSIBLE.
5. APPLICATION SPECIFICATION: AS-91627-001
6. 2 & 3CCT LATCH VERSIONS WILL HAVE 1 SOLID LATCH WERE APPLICABLE.
7. PACKAGING SPECIFICATION: PK-91627-001

CORRECT HSNG NO.
EC NO: IPG2016-1433 2016/04/22
DRWN:BRUTTLE
CHKD:
APPR:BRUTTLE 2016/05/23
REV DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

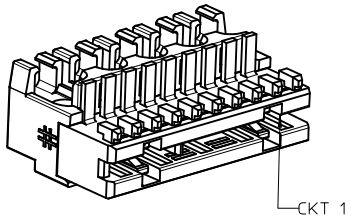
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	5:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	B.RUTTLE 2009/03/13
CHECKED BY / DATE	T.TOURISH 2009/03/13
APPROVED BY / DATE	BMAGUIRE 2010/04/02
MATERIAL NO.	SEE CHARTS
DOCUMENT NO.	SD-93211-001
SHEET NO.	1 OF 5
SIZE	A2

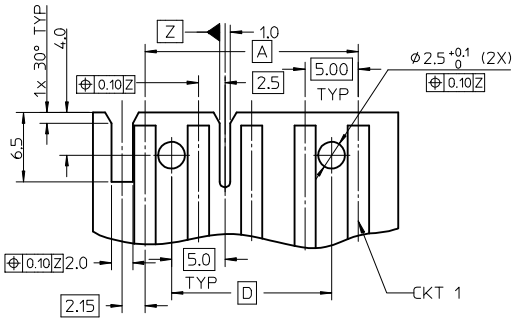
TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI

MOLEX INCORPORATED



ENDWALL OPTION C
LATCHES AND RIB

FIRST ENDWALL	LAST ENDWALL
OPEN	LONG & THICK



Other combinations possible:
There may be one or two latches which can be positioned between 1st and 2nd ckt and/or between 2nd last and last ckt.
The polarizing rib can be between any 2 ckt.
There may be one end wall only option, which must be located at the larger ckt end (not next to ckt 1)

SEE SHEET 1
EC NO: IPG2016-1433 2016/04/22
DRWN:BRUTTLE
CHKD:
APPR:BRUTTLE 2016/05/23
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	± ---	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: B.RUTTLE DATE: 2009/03/13
CHECKED BY: T.TOURISH DATE: 2009/03/13
APPROVED BY: BMAGUIRE DATE: 2010/04/02

TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI

molex

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-93211-001
SHEET NO.: 2 OF 5
SIZE: A2

2 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-0001	93212-0002	NONE	NONE	1 2	OPEN	OPEN	NONE	NONE
93211-0501	93226-2002	NONE	NONE	1 2	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**
93211-0002	93212-0002	NONE	b c	b c / 1 2	OPEN	OPEN	NONE	NONE
93211-0003	93212-0002	NONE	d	d / 1 2	OPEN	OPEN	NONE	NONE
93211-0004	93212-0002	NONE	a c	a c / 1 2	OPEN	OPEN	NONE	NONE
93211-0502	93226-2062	NONE	NONE	1 2	OPEN	**LONG THICK**	NONE	**BETWEEN CCT 1&2**

3 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-1001	93212-0003	NONE	NONE	1 2 3	OPEN	OPEN	NONE	NONE
93211-1002	93212-0103	NONE	d e f	d e f / 1 2 3	OPEN	OPEN	**1&2**	NONE
93211-1501	93226-2003	NONE	NONE	1 2 3	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**
93211-1503	93226-2023	NONE	c d	c d / 1 2 3	**SHORT THIN**	**LONG THICK**	NONE	**BETWEEN CCT 1&2**
93211-1003	93212-0003	NONE	c d e f	c d e f / 1 2 3	OPEN	OPEN	NONE	NONE
93211-1004	93212-0203	**2**	a	a / 1 2 3	OPEN	OPEN	**2&3**	NONE
93211-1005	93212-0203	**2**	d	d / 1 2 3	OPEN	OPEN	**2&3**	NONE

4 CIRCUIT

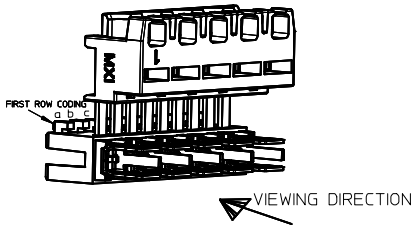
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-2001	93212-0004	NONE	NONE	1 2 3 4	OPEN	OPEN	NONE	**NONE**
93211-2501	93226-2004	NONE	NONE	1 2 3 4	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**
93211-2502	93226-0224	NONE	NONE	1 2 3 4	**SHORT THIN**	**LONG THICK**	**2&3**	**BETWEEN CCT 1&2 3/4**

5 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-3001	932120005	NONE	NONE	1 2 3 4 5	OPEN	OPEN	NONE	NONE
93211-3501	93226-2005	NONE	NONE	1 2 3 4 5	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**

6 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-4001	93212-0006	NONE	NONE	1 2 3 4 5 6	OPEN	OPEN	NONE	NONE
93211-4501	93226-2006	NONE	NONE	1 2 3 4 5 6	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**
93211-4502	93226-0026	NONE	NONE	1 2 3 4 5 6	**SHORT THIN**	**LONG THICK**	NONE	**BETWEEN CCT 1&2 5&6**
93211-4503	93212-0006	NONE	c e g	c e g / 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE



NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

⊕ - DENOTES TERMINAL POSITION LOADED
\+ - DENOTES TERMINAL POSITION VOIDED
I - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2016-1433 2016/04/22
DRWN:BRUTTLE 2016/05/23
CH'KD:
APPR:BRUTTLE
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 2 °		

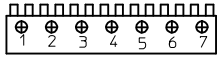
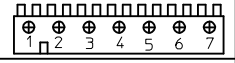
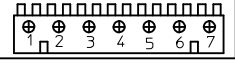
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

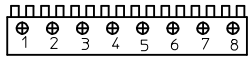
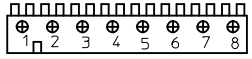
DRAWN BY: B.RUTTLE DATE: 2009/03/13
CHECKED BY: T.TOURISH DATE: 2009/03/13
APPROVED BY: BMAGUIRE DATE: 2010/04/02
MATERIAL NO.: SEE CHARTS

TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI
molex MOLEX INCORPORATED
DOCUMENT NO.: SD-93211-001
SHEET NO.: 3 OF 5
SIZE: A2

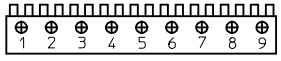
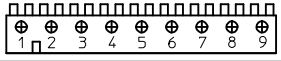
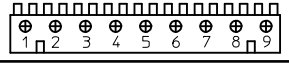
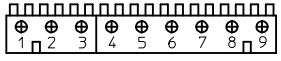
7 CIRCUIT

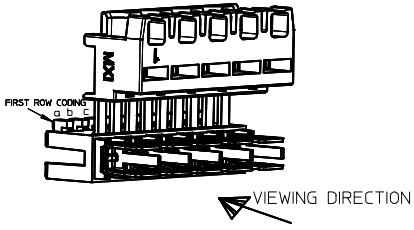
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-5001	93212-0007	NONE	NONE.		OPEN	OPEN	NONE	NONE
93211-5501	93226-2007	NONE	NONE		OPEN	OPEN	NONE	**BETWEEN CCT 1&2**
93211-5502	93226-0027	NONE	NONE		**SHORT THIN**	**LONG THICK**	NONE	**BETWEEN CCT 1&2 6&7**

8 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-6001	93212-0008	NONE	NONE		OPEN	OPEN	NONE	NONE
93211-6501	93226-2008	NONE	NONE		OPEN	OPEN	NONE	**BETWEEN CCT 1&2**

9 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-7001	93212-0009	NONE	NONE		OPEN	OPEN	NONE	NONE
93211-7501	93226-2009	NONE	NONE		OPEN	OPEN	NONE	**BETWEEN CCT 1&2**
93211-7502	93226-0029	NONE	NONE		**SHORT THIN**	**LONG THICK**	NONE	**BETWEEN CCT 1&2 8&9**
93211-7503	93226-0329	NONE	NONE		**SHORT THIN**	**LONG THICK**	**3&4**	**BETWEEN CCT 1&2 8&9**



NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

⊕ - DENOTES TERMINAL POSITION LOADED
\+ - DENOTES TERMINAL POSITION VOIDED
I - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2016-1433 2016/04/22
DRWN:BRUTTLE
CHKD:
APPR:BRUTTLE 2016/05/23
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: B.RUTTLE DATE: 2009/03/13
CHECKED BY: T.TOURISH DATE: 2009/03/13
APPROVED BY: BMAGUIRE DATE: 2010/04/02

TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI

MOLEX INCORPORATED

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-93211-001
SHEET NO.: 4 OF 5
SIZE: A2

10 CIRCUIT

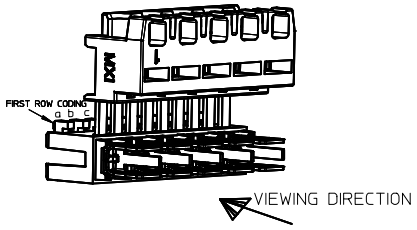
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-8001	93212-0010	NONE	NONE	1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	NONE	NONE
93211-8501	93226-2010	NONE	NONE	1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**

11 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-9001	93212-0011	NONE	NONE	1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	NONE
93211-9251	93226-2011	NONE	NONE	1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**

12 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	ENDWALLS FIRST	ENDWALLS LAST	POLARIZING RIB	LATCH
93211-9501	93212-0012	NONE	NONE	1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	NONE
93211-9751	93226-2012	NONE	NONE	1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	**BETWEEN CCT 1&2**



NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

⊕ - DENOTES TERMINAL POSITION LOADED
\+ - DENOTES TERMINAL POSITION VOIDED
I - DENOTES POSITION OF POLARISING RIB
⊓ - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: IPG2016-1433 2016/04/22
DRWN:BRUTTLE
CH'KD:
APPR:BRUTTLE 2016/05/23
REV DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

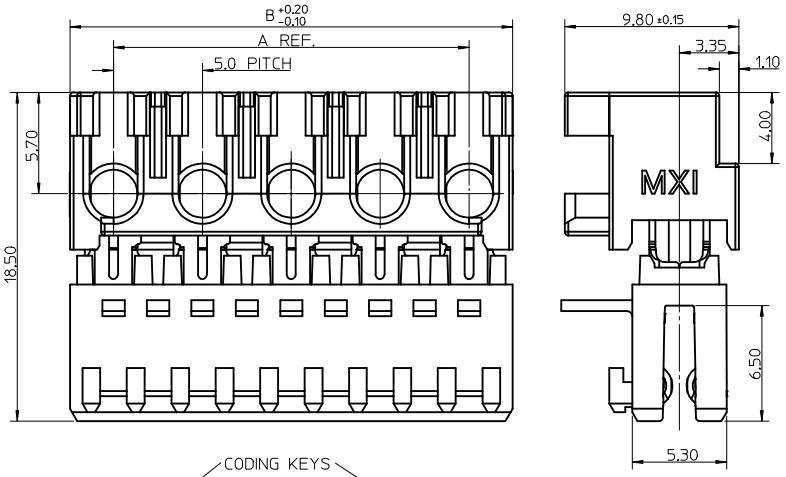
DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

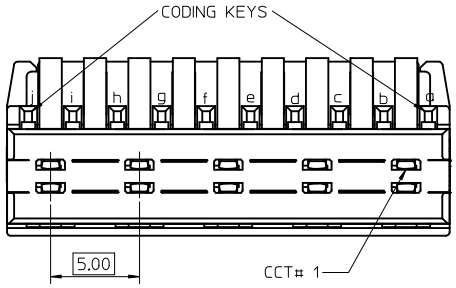
DRAWN BY: B.RUTTLE DATE: 2009/03/13
CHECKED BY: T.TOURISH DATE: 2009/03/13
APPROVED BY: BMAGUIRE DATE: 2010/04/02

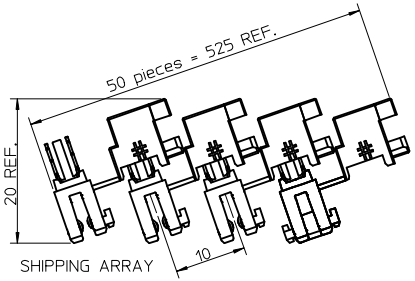
TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-93211-001
SHEET NO.: 5 OF 5
SIZE: A2



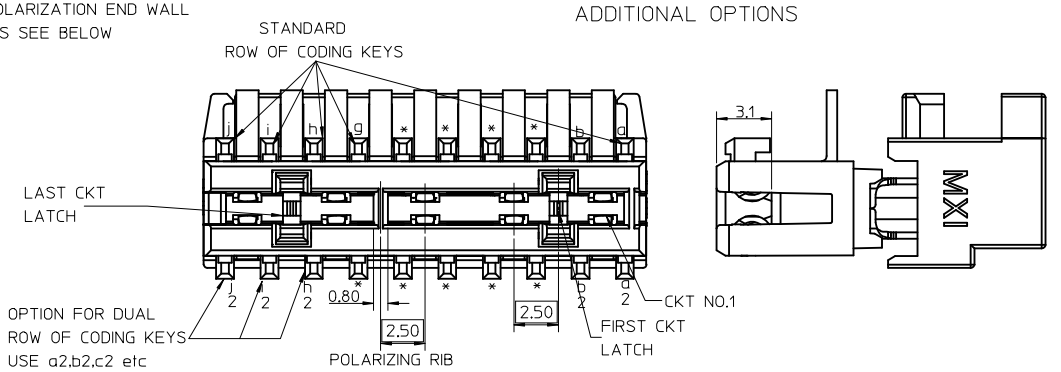




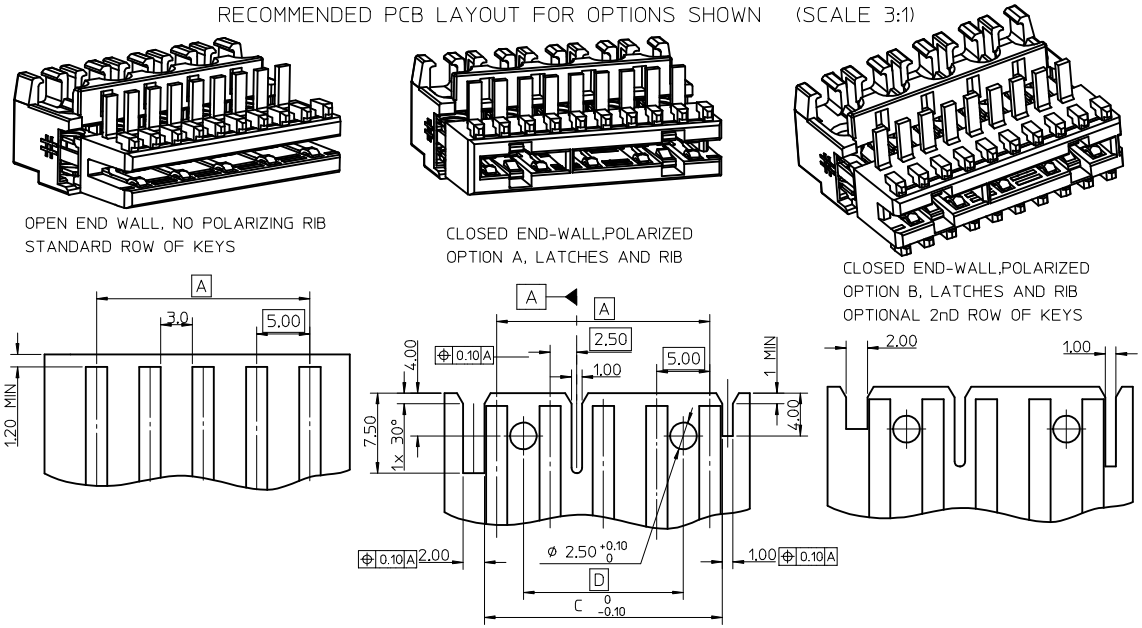
SHIPPING ARRAY
SCALE 2:1

FOR POLARIZATION END WALL OPTIONS SEE BELOW

ADDITIONAL OPTIONS



RECOMMENDED PCB LAYOUT FOR OPTIONS SHOWN (SCALE 3:1)



Other combinations possible:
There may be one or two latches which can be positioned between 1st and 2nd ckt and/or between 2nd and last ckt.
The polarizing rib can be between any ckt.
There may be one end wall only which must be located at the larger ckt end as polarized option A (wider and taller end wall)

CKT	DIM A	DIM B	DIM C	DIM D
2	5	9.9	7.3	-
3	10	14.9	12.3	5
4	15	19.9	17.3	10
5	20	24.9	22.3	15
6	25	29.9	27.3	20
7	30	34.9	32.3	25
8	35	39.9	37.3	30
9	40	44.9	42.3	35
10	45	49.9	47.3	40
11	50	54.9	52.3	45
12	55	59.9	57.3	50

NOTES:
1. MATERIAL: HOUSING: PA 6 V0 HWI
   TERMINAL:PHOSPHOR BRONZE OR COPPER ALLOY
   PLATING: TIN(6A) OR SILVER(10A)
2. PRODUCT SPECIFICATION: PS-91627-001
3. SEE SUBSEQUENT SHEETS FOR PART NUMBERING INFORMATION
4. LATCHES RECOMMENDED WHERE LOCKING VIA HEADER, GUIDEFRAME OR COMPONENT ENCLOSURE IS NOT POSSIBLE.
5. APPLICATION SPECIFICATION: AS-91627-001
6. 2 & 3CCT LATCH VERSIONS WILL HAVE 1 SOLID LATCH WERE APPLICABLE.
7. PACKAGING SPECIFICATION: PK-91627-001

ADD COLOUR STRIPE
EC NO: IPG2016-1136 2016/02/18
DRWN:TJMURPHY
CHKD:
APPR:MSHANAHAN 2016/02/24
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: B.RUTTLE DATE: 2009/03/13
CHECKED BY: T.TOURISH DATE: 2009/03/13
APPROVED BY: BMAGUIRE DATE: 2011/02/07
MATERIAL NO.: SEE CHARTS
DOCUMENT NO.: SD-93322-001
SHEET NO.: 1 OF 2
SIZE: A2

TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI

MOLEX INCORPORATED

2 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-0001	93321-0002	NONE	NONE	1 2	OPEN	NONE	NONE	NONE
93322-0501	93323-2002	NONE	NONE	n 2	OPEN	NONE	BETWEEN CCT 1&2	NONE

3 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-1001	93321-0003	NONE	NONE	1 2 3	OPEN	NONE	NONE	NONE
93322-1002	93321-0203	CKT 2	a	1 2 3	OPEN	2&3	NONE	NONE
93322-1501	93323-2003	NONE	NONE	n 2 3	OPEN	NONE	BETWEEN CCT 1&2	NONE
93322-1003	93321--0203	CKT 2	d	1 2 3	OPEN	2&3	NONE	**BLACK**

4 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-2001	93321-0004	NONE	NONE	1 2 3 4	OPEN	NONE	NONE	NONE
93322-2501	93323-2004	NONE	NONE	n 2 3 4	OPEN	NONE	BETWEEN CCT 1&2	NONE

5 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-3001	93321-0005	NONE	NONE	1 2 3 4 5	OPEN	NONE	NONE	NONE
93322-3501	93323-2005	NONE	NONE	n 2 3 4 5	OPEN	NONE	BETWEEN CCT 1&2	NONE

6 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-4001	93321-0006	NONE	NONE	1 2 3 4 5 6	OPEN	NONE	NONE	NONE
93322-4501	93323-2006	NONE	NONE	n 2 3 4 5 6	OPEN	NONE	BETWEEN CCT 1&2	NONE

7 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-5001	93321-0007	NONE	NONE	1 2 3 4 5 6 7	OPEN	NONE	NONE	NONE
93322-5501	93323-2007	NONE	NONE	n 2 3 4 5 6 7	OPEN	NONE	BETWEEN CCT 1&2	NONE

8 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-6001	93321-0008	NONE	NONE	1 2 3 4 5 6 7 8	OPEN	NONE	NONE	NONE
93322-6501	93323-2008	NONE	NONE	n 2 3 4 5 6 7 8	OPEN	NONE	BETWEEN CCT 1&2	NONE

9 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-7001	93321-0009	NONE	NONE	1 2 3 4 5 6 7 8 9	OPEN	NONE	NONE	NONE
93322-7501	93323-2009	NONE	NONE	n 2 3 4 5 6 7 8 9	OPEN	NONE	BETWEEN CCT 1&2	NONE

10 CIRCUIT

MOLEX PART NO.	MOLEX Housing No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	END WALLS	POLARIZING RIB	LATCH	COLOUR STRIPE
93322-8001	93321-0010	NONE	NONE	1 2 3 4 5 6 7 8 9 10	OPEN	NONE	NONE	NONE
93322-8501	93323-2010	NONE	NONE	n 2 3 4 5 6 7 8 9 10	OPEN	NONE	BETWEEN CCT 1&2	NONE

NOTES:
1. FIRST CKT SIDE IS THE SIDE CLOSEST TO CKT 1
2. LAST CKT SIDE IS THE SIDE CLOSEST TO THE HIGHEST CKT SIZE

● - DENOTES TERMINAL POSITION LOADED
✚ - DENOTES TERMINAL POSITION VOIDED
❙ - DENOTES POSITION OF POLARISING RIB
n - DENOTES POSITION OF LOCKING LATCH

SEE SHEET 1
EC NO: PG2016-1136 2016/02/18
DRAWN: TMURPHY
CHKD:
APPR: MSHANAHAN 2016/02/24
DESCRIPTION
REV: F

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
ANGULAR	± 2 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

		DATE
DRAWN BY	B.RUTTLE	2009/03/13
CHECKED BY	T.TOURISH	2009/03/13
APPROVED BY	BMAGUIRE	2011/02/07

MATERIAL NO.: SEE CHARTS
SIZE: A0

TITLE: RAST PWR IDT CONN 5MM PITCH V0 HWI

MOLEX INCORPORATED

DOCUMENT NO.: SD-93322-001
SHEET NO.: 2 OF 2