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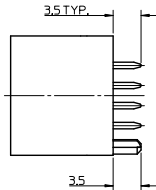
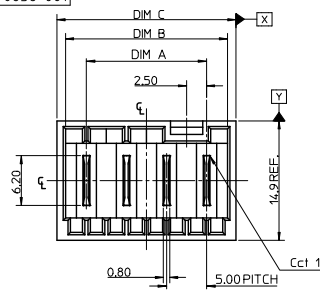
[Molex Connector Corporation](#)
[0919991284](#)

For any questions, you can email us directly:

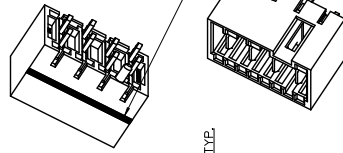
sales@integrated-circuit.com

EM-90858-001

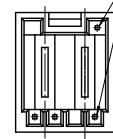
**PCB PIN POLARISATION
OPTION A AND B**



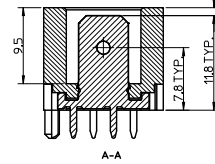
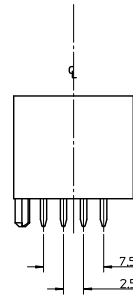
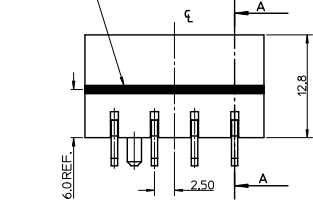
COLOUR STRIPE OPTION



**HOLE ON SOME
TOOLED VERSIONS**



COLOUR STRIPE OPTION



CCT	DIM A	DIM B	DIM C	TOL.
2	5.00	10.20	12.30	
3	10.00	15.20	17.30	
4	15.00	20.20	22.30	
5	20.00	25.20	27.30	
6	25.00	30.20	32.30	
7	30.00	35.20	37.30	
8	35.00	40.20	42.30	
9	40.00	45.20	47.30	
10	45.00	50.20	52.30	
11	50.00	55.20	57.30	
12	55.00	60.20	62.30	

NOTES:

- MATERIALS**
HOUSING: PA 66, UL94 V-0 750°C GWT NO FLAME
TERMINAL: BRASS 0.80 REF. THICK
PLATING: OPTIONAL (SEE CHARTS SHEETS 2-8)
TIN PLATING OPTION: 34µm TIN OVER 127µm NICKEL
ALL AREAS
SELECTIVE SILVER
CONTACT AREA: 24µm SILVER OVER 127µm
NICKEL, ALL OTHER AREAS FLASH OF SILVER 0.10µm
- PRODUCT CONFORMS TO SPECIFICATION PS-99020-00377/39
- MATES WITH MOLEX 91338, 90833, 90835, 91777, 91778, 91779, 91954 & 92000.
- SEE PACKAGING SPECIFICATION PK-90858-001
TWO PACKAGING OPTIONS
A LOOSE IN POLYBAGS IN SHIPPING CARTON
B IN TUBES IN SHIPPING CARTON
SEE TABLES IN FOLLOWING SHEETS FOR PACKAGING TYPE
FOR EACH PART NUMBER
- PLATED THRU HOLE
- NON-PLATED THRU HOLE
- RECOMMENDED PCB THICKNESS: 1.4±0.1mm
- PCB VIEW IS FROM SOLDER SIDE

NEW PART NUMBER	2016/04/75
EC NO: IPG2016-1545	
DRAWN BY: MURPHY	
CHKD: MURPHY	
APPROB: RUTILE	
REV: BG	

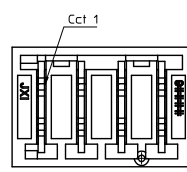
QUALITY SYMBOLS	2016/05/25
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ±---	±---
3 PLACES ±---	±---
2 PLACES ±0.1	±---
1 PLACE ±0.2	±---
ANGULAR ± 2 °	

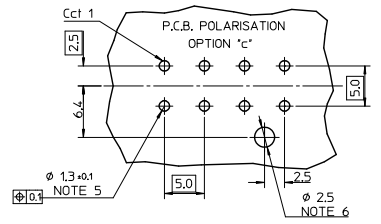
DRAWN BY	B. RUTILE	DATE	2006/10/04
CHECKED BY	T. TOURSH	DATE	2006/10/04
APPROVED BY	BMAGUIRE	DATE	2006/10/04

DIMENSION STYLE	MM ONLY
SCALE	1:1
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
TITLE RAST 5 VERT HDR PA 66 HOUSING	
MOLEX INCORPORATED	
MATERIAL NO.	DOCUMENT NO.
SEE SHEETS 2-8	SD-91999-001
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SHEET NO.	1 OF 8

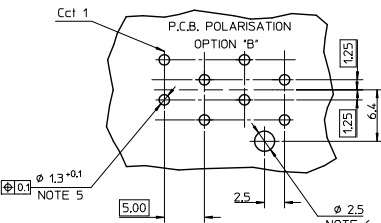
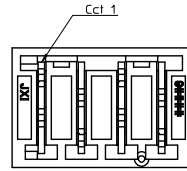
OPTION "C"



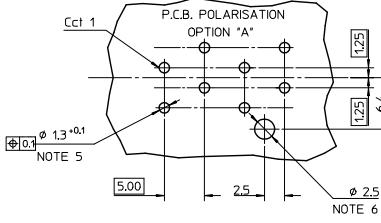
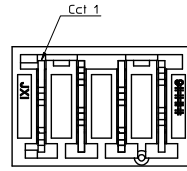
PCB LAYOUT



OPTION "B"



OPTION "A"



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

2 CIRCUIT		SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS										P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOR STRIPE
PART NO. (TRN)	TERM. NO. (TRN)	HOUSING NO.	COLOR	UNLOCKED POSITION KEYS	UNLOCKED COODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CMT	TERMINAL (SILVER)	PART NO. (SILVER)	P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOR STRIPE	
9199-0003	91703-0002	93002-0002	NATURAL	1a 2a	01c d20	V2		NONE	91703-0003	9199-0409	A	A	NONE	
9199-0004	91703-0002	93002-0003	NATURAL	1a 2b	01c	V2		NONE	91703-0003	9199-0482	A	A	NONE	
9199-0007	91703-0002	93002-0004	NATURAL	1b 2b	01c	V2		NONE	91703-0003	9199-0497	A	A	NONE	
9199-0018	91703-0002	93002-0005	NATURAL	2a	01c d20	V2		NONE	91703-0003	9199-0495	A	A	NONE	
9199-0019	91703-0002	93002-0008	NATURAL	1a 2b	d20	V2		NONE	91703-0003	9199-0478	A	A	NONE	
9199-0021	91703-0002	93002-0006	NATURAL	1b	01c d20	V2		NONE	91703-0003	9199-0492	A	A	NONE	
9199-0022	91703-0002	93002-0007	NATURAL	1a 2b	NONE	V2		NONE	91703-0003	9199-0491	A	A	NONE	
9199-0027	91703-0002	93002-0009	NATURAL	2b	NONE	V2		NONE	91703-0003	9199-0487	A	A	NONE	
9199-0029	91703-0002	93002-0010	NATURAL	1a 1b	d20	V2		NONE	91703-0003	9199-0486	A	A	NONE	
9199-0030	91703-0002	93002-0011	NATURAL	2a 2b	NONE	V2		NONE	91703-0003	9199-0485	A	A	NONE	
9199-0032	91703-0002	93002-0012	NATURAL	2b	d20	V2		NONE	91703-0003	9199-0484	A	A	NONE	
9199-0047	91703-0002	93002-0013	NATURAL	1a 2a	01c d20	V2		NONE	91703-0003	9199-0483	A	A	NONE	
9199-0055	91703-0002	93002-0014	NATURAL	1a 1b	NONE	V2		NONE	91703-0003	9199-0480	A	A	NONE	
9199-0020	91703-0002	93002-0015	NATURAL	1a 1b	01c	V2		NONE	91703-0003	9199-0475	A	A	NONE	
9199-0054	91703-0002	93002-0016	NATURAL	2b	01c d20	V2		NONE	91703-0003	9199-0476	A	A	NONE	
9199-0057	91703-0002	93002-0017	NATURAL	1a	01c d20	V2		NONE	91703-0003	9199-0477	A	A	NONE	
9199-0058	91703-0002	93002-0018	NATURAL	1a 2a	01c	V2		NONE	91703-0003	9199-0472	A	A	NONE	
9199-0059	91703-0002	93002-0019	NATURAL	ALL	d20	V2		NONE	91703-0003	9199-0474	A	A	NONE	
9199-0060	91703-0002	93002-0020	NATURAL	1b 2a 2b	d20	V2		NONE	91703-0003	9199-0473	A	A	NONE	
9199-0061	91703-0002	93002-0002	NATURAL	1a 2a	01c d20	V2		NONE	91703-0003	9199-0471	B	A	NONE	
9199-0062	91703-0002	93002-0021	NATURAL	2a	01c	V2		NONE	91703-0003	9199-0470	A	A	NONE	
9199-0063	91703-0002	93002-0022	NATURAL	1b 2a	d20	V2		NONE	91703-0003	9199-0469	A	A	NONE	
9199-0064	91703-0002	93002-0023	NATURAL	1a 2b	01c d20	V2		NONE	91703-0003	9199-0468	A	A	NONE	
9199-0065	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	V2		NONE	91703-0003	9199-0467	A	B	NONE	
9199-0066	91703-0002	93002-0003	NATURAL	1a 2b	01c	V2		NONE	91703-0003	9199-0466	A	B	NONE	
9199-0067	91703-0002	93002-0024	NATURAL	ALL	ALL	V2		NONE	91703-0003	9199-0465	A	A	NONE	
9199-0068	91703-0002	93002-0003	NATURAL	1a 2b	01c	V2		NONE	91703-0003	9199-0464	A	B	RED	
9199-0069	91703-0002	93002-0025	NATURAL	1a	01c	V2		NONE	91703-0003	9199-0463	A	A	NONE	
9199-0070	91703-0002	93002-0026	NATURAL	2a 2b	01c	V2		NONE	91703-0003	9199-0462	A	B	NONE	
9199-0071	91703-0017	93002-0004	NATURAL	1b 2b	01c	V2		NONE	91703-0018	9199-0461	C	A	NONE	

2 CIRCUIT		SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS										P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOR STRIPE
PART NO. (TRN)	TERM. NO. (TRN)	HOUSING NO.	COLOR	UNLOCKED POSITION KEYS	UNLOCKED COODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CMT	TERMINAL (SILVER)	PART NO. (SILVER)	P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOR STRIPE	
9199-0042	91703-0002	93002-0027	NATURAL	NONE	d20	V2		NONE	91703-0003	9199-0460	A	A	NONE	
9199-0072	91703-0017	93002-0002	NATURAL	1b 2a	01c d20	V2		NONE	91703-0018	9199-0459	C	A	NONE	
9199-0073	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	V2		NONE	91703-0003	9199-0458	B	A	NONE	
9199-0074	91703-0002	93002-0003	NATURAL	1a 2b	01c	V2		NONE	91703-0003	9199-0457	B	A	NONE	
9199-0075	91703-0017	93002-0005	NATURAL	2a	01c d20	V2		NONE	91703-0018	9199-0456	C	A	NONE	
9199-0076	91703-0002	93002-0005	NATURAL	2a	01c d20	V2		NONE	91703-0003	9199-0455	B	A	NONE	
9199-0077	91703-0002	93002-0028	NATURAL	1a 2a 2b	01c d20	V2		NONE	91703-0003	9199-0454	A	A	NONE	
9199-0078	91703-0002	93002-0029	NATURAL	1b	d20	V2		NONE	91703-0003	9199-0453	A	A	NONE	
9199-0079	91703-0002	93002-0030	NATURAL	1b	NONE	V2		NONE	91703-0003	9199-0452	A	A	NONE	
9199-0080	91703-0002	93002-0031	NATURAL	NONE	01c d20	V2		NONE	91703-0003	9199-0451	A	A	NONE	
9199-0081	91703-0002	93002-0003	NATURAL	1a 2b	01c	V2		NONE	91703-0003	9199-0450	A	A	RED	
9199-0082	91703-0002	93002-0032	NATURAL	1a 1a 2a 2b	01c	V2		NONE	91703-0003	9199-0449	A	A	NONE	
9199-0083	91703-0002	93002-0033	NATURAL	1a 1a 2a	NONE	V2		NONE	91703-0003	9199-0448	A	A	NONE	
9199-0084	91703-0002	93002-0008	NATURAL	1a 2b	d20	V2		CCT 1	91703-0003	9199-0447	A	A	None	
9199-0085	91703-0002	93002-0008	NATURAL	1a 2b	d20	V2		CCT 2	91703-0003	9199-0446	A	A	None	
9199-0086	91703-0017	93002-0008	NATURAL	1a 2b	d20	V2		NONE	91703-0018	9199-0445	C	A	None	
9199-0087	91703-0002	93002-0034	NATURAL	1a	NONE	V2		NONE	91703-0003	9199-0444	A	A	None	
9199-0088	91703-0002	93002-0009	NATURAL	2b	NONE	V2		NONE	91703-0003	9199-0443	B	A	None	
9199-0089	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	V2		NONE	91703-0003	9199-0442	A	A	Black	

NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 P.C. NO. 092004-0545 DRAWING IMPRINT CHECKED: APPROVED: DATE: 20/06/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.1 ±--- 1 PLACE ±0.2 ±---	MM ONLY DRAWN BY: B. RUTILE DATE: 2006/10/04 CHECKED BY: T. TOURSH DATE: 2006/10/04 APPROVED BY: DATE: 2006/10/04	1:1	METRIC	
	ANGULAR ± 2° MATERIAL NO. EMAGUIRE DRAWN WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DOCUMENT NO. SD-91999-001 SHEET NO. 2 OF 8	RAST 5 VERT HDR PA 66 HOUSING MOLEX INCORPORATED		

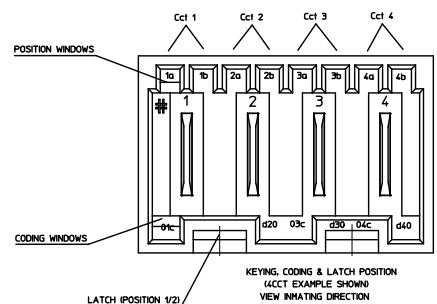
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

3 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS											P.C.A. OPTION	PACKAGING OPTION *	COLOUR STRIPE
Part No. (TIN)	Term No. (Tin)	Molex Housing No.	COLOUR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	Term No. (SILVER)	Part No. (SILVER)			
91999-0502	91703-0002	93002-1000	NATURAL	1a	01c, d20	1/2		NONE	91703-0003	91999-1249	A	A	NONE
91999-0508	91703-0002	93002-1001	NATURAL	1a	03c	1/2		NONE	91703-0003	91999-1248	A	A	NONE
91999-0511	91703-0002	93002-1002	NATURAL	1a 1b	d30	1/2		NONE	91703-0003	91999-1247	A	A	NONE
91999-0512	91703-0002	93002-1003	NATURAL	1a 3b	01c	1/2		NONE	91703-0003	91999-1246	A	A	NONE
91999-0513	91703-0002	93002-1004	NATURAL	1b	d20 03c	1/2		NONE	91703-0003	91999-1245	A	A	NONE
91999-0524	91703-0002	93002-1005	NATURAL	1b 2a 2b	d30	1/2		NONE	91703-0003	91999-1244	A	A	NONE
91999-0525	91703-0002	93002-1006	NATURAL	2b	d20	1/2		NONE	91703-0003	91999-1243	A	A	NONE
91999-0528	91703-0002	93002-1007	NATURAL	ALL	d10 d30	2/3		NONE	91703-0003	91999-1242	A	A	NONE
91999-0527	91703-0002	93002-1008	NATURAL	ALL	d20	1/2		NONE	91703-0003	91999-1240	A	A	NONE
91999-0526	91703-0002	93002-1009	NATURAL	2b 3b	d10 02c	2/3		NONE	91703-0003	91999-1241	A	A	NONE
91999-0529	91703-0002	93002-1000	NATURAL	1B	01c d20	1/2		2	91703-0003	91999-1239	A	A	NONE
91999-0530	91703-0002	93002-1010	NATURAL	2b 3b	01c d10 02c d30	2/3		NONE	91703-0003	91999-1238	A	A	NONE
91999-0531	91703-0002	93002-1011	NATURAL	3b	01c d30	2/3		NONE	91703-0003	91999-1237	A	A	NONE
91999-0532	91703-0002	93002-1012	NATURAL	3b	d10, 02c	2/3		NONE	91703-0003	91999-1236	A	A	NONE
91999-0533	91703-0002	93002-1010	NATURAL	2b 3b	01c d10 02c d30	2/3		NONE	91703-0003	91999-1235	A	B	NONE
91999-0534	91703-0002	93002-1014	NATURAL	ALL	ALL	1/2		NONE	91703-0003	91999-1234	A	A	NONE
91999-0506	91703-0002	93002-1015	NATURAL	1a 3a	d20	1/2		NONE	91703-0003	91999-1233	A	A	NONE
91999-0507	91703-0002	93002-1016	NATURAL	2a	d10 d30	2/3		NONE	91703-0003	91999-1232	A	A	NONE
91999-0535	91703-0002	93002-1017	NATURAL	3b	d10, d30	2/3		NONE	91703-0003	91999-1231	A	A	NONE
91999-0536	91703-0002	93002-1018	NATURAL	1b	01c	1/2		NONE	91703-0003	91999-1230	A	A	NONE
91999-0537	91703-0017	93002-1000	NATURAL	1b	01c d20	1/2		NONE	91703-0018	91999-1229	C	A	NONE
91999-0538	91703-0017	93002-1009	NATURAL	2b 3b	d10 02c	2/3		NONE	91703-0018	91999-1228	C	A	NONE
91999-0539	91703-0002	93002-1000	NATURAL	1b	01c d20	1/2		NONE	91703-0003	91999-1227	B	A	NONE
91999-0540	91703-0002	93002-1009	NATURAL	2b 3b	d10 02c	2/3		NONE	91703-0003	91999-1226	B	A	NONE
91999-0541	91703-0002	93002-1019	NATURAL	2a	01c d30	1/2		NONE	91703-0003	91999-1225	A	A	NONE
91999-0542	91703-0002	93002-1020	NATURAL	3b	01c d30	1/2		NONE	91703-0003	91999-1224	A	A	NONE
91999-0543	91703-0002	93002-1022	NATURAL	1b 2a	NONE	1/2		NONE	91703-0003	91999-1223	A	A	NONE
91999-0544	91703-0002	93002-1030	NATURAL	1b 2a 2b 3b	NONE	2/3		NONE	91703-0003	91999-1222	A	A	NONE

3 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS											P.C.A. OPTION	PACKAGING OPTION *	COLOUR STRIPE
Part No. (Tin)	Term No. (Tin)	Molex Housing No.	COLOUR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	Term No. (SILVER)	Part No. (SILVER)			
91999-0545	91703-0002	93002-1025	NATURAL	1a 1b	d20	1/2		NONE	91703-0003	91999-1221	A	A	NONE
91999-0546	91703-0002	93002-1026	NATURAL	2a 3a	01c d20 03c	1/2		NONE	91703-0003	91999-1220	A	A	NONE
91999-0547	91703-0002	93002-1026	NATURAL	2a 3a	01c d20 03c	1/2		NONE	91703-0003	91999-1219	A	B	NONE
91999-0548	91703-0002	93002-1027	NATURAL	1a 3a	d30	2/3		NONE	91703-0003	91999-1218	A	A	NONE
91999-0549	91703-0002	93002-1028	NATURAL	1a 1b 2a 2b 3a 3b	01c d10 02c d30	2/3		NONE	91703-0003	91999-1217	A	A	NONE
91999-0550	91703-0017	93002-1029	NATURAL	2a	d10 02c d30	2/3		NONE	91703-0018	91999-1216	C	A	NONE
91999-0551	91703-0002	93002-1030	NATURAL	1b 2a 2b 3b	NONE	2/3		NONE	91703-0003	91999-1215	B	A	NONE
91999-0552	91703-0020	93002-1031	NATURAL	1b 2b	01c d20	1/2		NONE	91703-0021	91999-1214	A	A	NONE
91999-0553	91703-0017	93002-1014	NATURAL	1a 1b 2a 2b 3a 3b	10c d20 03c d30	1/2		NONE	91703-0018	91999-1213	C	A	NONE
91999-0554	91703-0002	93002-1032	NATURAL	1a 3a	03c	1/2		NONE	91703-0003	91999-1212	A	A	NONE
91999-0555	91703-0002	93002-1033	NATURAL	1b 2a 3b	01c d20	1/2		NONE	91703-0003	91999-1211	A	A	NONE



NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 ECN NO. 092006-1545 DRAWN: MURPHY CHECK: CHICK APPROVED: [Signature] DATE: 20/06/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm INCH	MM ONLY	1:1	METRIC		
		4 PLACES ± 0.15	DRAWN BY: B. RUTLE	DATE: 2006/10/04	TITLE: RAST 5 VERT HDR PA 66 HOUSING		
		3 PLACES ± 0.2	CHECKED BY: T. TOURSH	DATE: 2006/10/04	MATERIAL NO. SD-91999-001		
	1 PLACE ± 0.2	APPROVED BY: B. MAGUIRE	DATE: 2006/10/04	MOLEX INCORPORATED			
	ANGULAR ± 2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART			
		SIZE 11 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 3 OF 8			

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

4 CIRCUIT										SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS			P.C.L. OPTION	HOUSING OPTION #	COLOUR STRIPES
PART NO. (TNO)	TERM NO. (TNO)	MOLEX HOUSING NO.	COLOR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)					
91999-1254	91703-0002	93002-2000	NATURAL	1a	03c d40	1/2 3/4		NONE	91703-0003	91999-1999	A	A	NONE		
91999-1264	91703-0002	93002-2001	NATURAL	1a 4b	d40	1/2 3/4		NONE	91703-0003	91999-1998	A	A	NONE		
91999-1265	91703-0002	93002-2002	NATURAL	2a 4b	d20	1/2 3/4		NONE	91703-0003	91999-1996	A	A	NONE		
91999-1267	91703-0002	93002-2003	NATURAL	1b 2a 3a 4b	01c d40	1/2 3/4		NONE	91703-0003	91999-1994	A	A	NONE		
91999-1270	91703-0002	93002-2004	NATURAL	1a 2b 4b	01c 03c d40	1/2 3/4		NONE	91703-0003	91999-1993	A	A	NONE		
91999-1274	91703-0002	93002-2005	NATURAL	1a 3a 3b	01c d20 d40	1/2 3/4		NONE	91703-0003	91999-1992	A	A	NONE		
91999-1275	91703-0002	93002-2006	NATURAL	1b 2a 4b	01c d20 03c	1/2 3/4		NONE	91703-0003	91999-1991	A	A	NONE		
91999-1278	91703-0002	93002-2007	NATURAL	1a 3a	d40	1/2 3/4		NONE	91703-0003	91999-1987	A	A	NONE		
91999-1280	91703-0002	93002-2008	NATURAL	1a 2b 3a 4b	01c 03c d40	1/2 3/4		NONE	91703-0003	91999-1988	A	A	NONE		
91999-1281	91703-0002	93002-2009	NATURAL	2a 4b	d20 03c	1/2 3/4		NONE	91703-0003	91999-1986	A	A	NONE		
91999-1282	91703-0002	93002-2010	NATURAL	3b	d30	2/3		NONE	91703-0003	91999-1985	A	A	NONE		
91999-1283	91703-0002	93002-2011	NATURAL	1b 2a 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1984	A	A	NONE		
91999-1284	91703-0002	93002-2012	NATURAL	2a 3a 3b 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1983	A	A	NONE		
91999-1285	91703-0002	93002-2013	NATURAL	2a 2b 3a 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1982	A	A	NONE		
91999-1286	91703-0002	93002-2013	NATURAL	2a 2b 3b 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1981	A	B	NONE		
91999-1287	91703-0002	93002-2015	NATURAL	1a 4b	01c	1/2 3/4		NONE	91703-0003	91999-1980	A	A	NONE		
91999-1288	91703-0002	93002-2016	NATURAL	1b 2b 3b 4a	01c 03c d40	1/2 3/4		NONE	91703-0003	91999-1979	A	A	NONE		
91999-1289	91703-0017	93002-2000	NATURAL	1b	03c d40	1/2 3/4		NONE	91703-0018	91999-1978	O	A	NONE		
91999-1290	91703-0002	93002-2017	NATURAL	1b 2a 2b 3a 4a 4b	03c d40	1/2 3/4		NONE	91703-0003	91999-1977	A	A	NONE		
91999-1291	91703-0002	93002-2018	NATURAL	ALL	ALL	1/2 3/4		NONE	91703-0003	91999-1976	A	A	NONE		
91999-1292	91703-0002	93002-2019	NATURAL	1b 2a 3a 4a	01c d20 03c	1/2 3/4		NONE	91703-0003	91999-1975	A	A	NONE		
91999-1293	91703-0002	93002-2020	NATURAL	1b 2b 3b 4a	01c 03c d40	1/2 3/4		NONE	91703-0003	91999-1974	A	A	NONE		
91999-1294	91703-0002	93002-2021	NATURAL	1a 2a 2b 3a 3b 4a 4b	NONE	1/2 3/4		NONE	91703-0003	91999-1973	A	A	NONE		
91999-1295	91703-0002	93002-2023	NATURAL	1b 3b 4b	01c d20 03c	1/2 3/4		NONE	91703-0003	91999-1972	A	A	NONE		
91999-1296	91703-0002	93002-2000	NATURAL	1b	03c d40	1/2 3/4		NONE	91703-0003	91999-1971	B	A	NONE		
91999-1297	91703-0002	93002-2015	NATURAL	1a 4b	01c	1/2 3/4		NONE	91703-0003	91999-1970	B	A	NONE		
91999-1298	91703-0002	93002-2026	RED	1a 2a 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1969	A	A	NONE		
91999-1299	91703-0002	93002-2027	GREEN	2a 3a 3b 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1968	A	A	NONE		

4 CIRCUIT										SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS			P.C.L. OPTION	PACKAGING OPTION #	COLOUR STRIPES
PART NO. (TNO)	TERM NO. (TNO)	HOUSING NO.	COLOR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)					
91999-1279	91703-0002	93002-2028	NATURAL	1b 2a 4b	d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1967	A	A	NONE		
91999-1251	91703-0002	93002-2029	NATURAL	1a 3a 4a	01c d20 d40	1/2 3/4		NONE	91703-0003	91999-1966	A	A	NONE		
91999-1252	91703-0002	93002-2030	NATURAL	1a 2b 3b 4a	d20 d40	1/2 3/4		NONE	91703-0003	91999-1965	A	A	NONE		
91999-1255	91703-0002	93002-2033	NATURAL	1b 2a 3a 4b	01c d20 03c	1/2 3/4		NONE	91703-0003	91999-1963	A	A	NONE		
91999-1256	91703-0002	93002-2034	NATURAL	1b 2b 3a 4b	01c d40	1/2 3/4		NONE	91703-0003	91999-1962	A	A	NONE		
91999-1257	91703-0002	93002-2035	NATURAL	2a 2b 3a 4a	01c 03c	1/2 3/4		NONE	91703-0003	91999-1961	A	A	NONE		
91999-1258	91703-0017	93002-2015	NATURAL	1a 4b	01c	1/2 3/4		NONE	91703-0018	91999-1960	O	A	NONE		
91999-1259	91703-0017	93002-2010	NATURAL	3b	d30	2/3		NONE	91703-0018	91999-1959	O	A	NONE		
91999-1260	91703-0017	93002-2011	NATURAL	1b 2a 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0018	91999-1958	O	A	NONE		
91999-1261	91703-0002	93002-2036	NATURAL	1b 2a 3a 3b 4a	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1957	A	A	NONE		
91999-1262	91703-0002	93002-2000	NATURAL	1b	03c d40	1/2 3/4		COT 3	91703-0003	91999-1956	A	A	NONE		
91999-1263	91703-0002	93002-2037	NATURAL	1b 3b	d10 03c d40	3/4		NONE	91703-0003	91999-1955	A	A	NONE		
91999-1266	91703-0002	93002-2038	NATURAL	2a 3b 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1954	A	A	NONE		
91999-1268	91703-0002	93002-2039	NATURAL	1b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1953	A	A	NONE		
91999-1269	91703-0017	93002-2002	NATURAL	2a 4b	d20	1/2 3/4		NONE	91703-0018	91999-1949	C	A	NONE		
91999-1253	91703-0017	93002-2004	NATURAL	1a 2b 4b	01c 03c d40	1/2 3/4		NONE	91703-0018	91999-1952	C	A	NONE		
91999-1200	91703-0002	93002-2999	NATURAL	1b 2b 3b 4a	01c 03c d40	1/2 3/4		PEG	91703-0003	91999-1700	A	A	NONE		
91999-1201	91703-0002	93002-2040	NATURAL	1a 1b 2a 3a 4a 4b	01c 02c 03c d40	3/4		NONE	91703-0003	91999-1701	A	A	NONE		
91999-1202	91703-0002	93002-2041	NATURAL	1a	01c d20 03c	1/2		NONE	91703-0003	91999-1702	A	A	NONE		
91999-1203	91703-0002	93002-2042	NATURAL	2a 2b 3b 4a	01c 03c d40	1/2		NONE	91703-0003	91999-1703	A	A	NONE		
91999-1204	91703-0017	93002-2036	NATURAL	1b 2a 3a 3b 4a 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0018	91999-1704	C	A	NONE		
91999-1205	91703-0002	93002-2044	NATURAL	2a 3b	01c d40	1/2 3/4		NONE	91703-0003	91999-1705	A	A	NONE		

NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 SEC. NO. 1P20204-1545 DRAWN BY: MURPHY CHKD: (APPROPRIATE) DATE: 2016/04/25 APPR: (APPROPRIATE)	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES \pm 0.1 \pm --- 1 PLACE \pm 0.2 \pm --- ANGULAR \pm 2°	DRAWN BY: B. RUTILE DATE: 2006/10/04 CHECKED BY: T. TOURSH DATE: 2006/10/04 APPROVED BY: BMAGUIRE DATE: 2006/10/04	MM ONLY	1:1	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
	TITLE: RAST 5 VERT HDR PA 66 HOUSING				MOLEX INCORPORATED		SHEET NO. 4 OF 8

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

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

SEE CODE DESIGNATION TABLE FOR NUMBERING
FORMAT WHEN ADDING NEW PART NUMBERS

PART NO. (TIN)	TERM. NO. (TRN)	MOLEX MATING NO.	COLOR	UNBLOCKED POSITION KEYS	UNBLOCKED COUING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM. NO. (SLV/VR)	PART NO. (SLV/VR)	PCAL OPTION	PHOSPHOR OPTION **	COLOR STRIPE
91999-2753	9703-0002	93002-4000	NATURAL	1b	03c d60	1/2 4/5		NONE	9703-0003	91999-3499	A	A	NONE
91999-2754	9703-0002	93002-4001	NATURAL	1a 2b 4b	01c d50 d6c	1/2 4/5		NONE	9703-0003	91999-3498	A	A	NONE
91999-2755	9703-0002	93002-4002	NATURAL	1a 1b 2b 3a 3b 4b	d30 d4c d50	1/2 2/3 4/5		NONE	9703-0003	91999-3497	A	A	NONE
91999-2756	9703-0002	93002-4003	NATURAL	1a 1b 4a 4b	d10 d50	2/3 4/5		NONE	9703-0003	91999-3496	A	A	NONE
91999-2757	9703-0002	93002-4004	NATURAL	2a 4b 5a 6b	d20 03c 05c	1/2 3/4 5/6		NONE	9703-0003	91999-3495	A	A	NONE
91999-2758	9703-0002	93002-4005	NATURAL	1a 2b 3a 3b 5a 6b	01c d40 d60	1/2 3/4 5/6		NONE	9703-0003	91999-3494	A	A	NONE
91999-2759	9703-0002	93002-4006	NATURAL	1a 2a 3a 4b 5a 5b 6b	01c 03c d60	1/2 3/4 5/6		NONE	9703-0003	91999-3493	A	A	NONE
91999-2761	9703-0002	93002-4007	NATURAL	2b	d20 d60	1/2 5/6		NONE	9703-0003	91999-3492	A	A	NONE
91999-2762	9703-0002	93002-4008	NATURAL	2b 3a 4a	01c d20 04c	1/2 4/5		NONE	9703-0003	91999-3491	A	A	NONE
91999-2768	9703-0002	93002-4009	NATURAL	1b 4b	d20 03c d50 04c	1/2 4/5		NONE	9703-0003	91999-3486	A	A	NONE
91999-2769	9703-0002	93002-4010	NATURAL	1a 2b 3a 4a 6b	01c 03c d40 05c d60	1/2 3/4 5/6		NONE	9703-0003	91999-3485	A	A	NONE
91999-2770	9703-0002	93002-4011	NATURAL	1a 2a 4a 6a	01c d40	1/2 3/4 5/6		NONE	9703-0003	91999-3484	A	A	NONE
91999-2771	9703-0002	93002-4012	NATURAL	1b 6b	d40	1/2 5/6		2 & 5	9703-0003	91999-3483	A	A	NONE
91999-2772	9703-0002	93002-4016	NATURAL	1a 2a 3a 4b 5a 5b 6b	01c d60	2/3 5/6		NONE	9703-0003	91999-3482	A	A	NONE
91999-2773	9703-0017	93002-4000	NATURAL	1b	03c d60	1/2 4/5		NONE	9703-0018	91999-3481	C	A	NONE
91999-2774	9703-0017	93002-4017	NATURAL	1a 1b 2b 3b	d20 05c d60	1/2 3/4 5/6		NONE	9703-0018	91999-3480	C	A	NONE
91999-2775	9703-0017	93002-4016	NATURAL	1a 2a 3a 4b 5a 5b 6b	01c d60	2/3 5/6		NONE	9703-0018	91999-3479	C	A	NONE
91999-2776	9703-0002	93002-4018	NATURAL	ALL	ALL	1/2 4/5		NONE	9703-0003	91999-3478	A	A	NONE
91999-2777	9703-0002	93002-4019	NATURAL	1b	03c d60	1/2 5/6		NONE	9703-0003	91999-3477	A	A	NONE
91999-2778	9703-0002	93002-4020	NATURAL	1b 2b 3b	01c 05c d60	1/2 3/4 5/6		NONE	9703-0003	91999-3476	A	A	NONE
91999-2779	9703-0002	93002-4021	NATURAL	ALL	ALL	2/3 4/5		NONE	9703-0003	91999-3475	A	A	NONE
91999-2790	9703-0002	93002-4023	NATURAL	1b 6a	04c	1/2 5/6		NONE	9703-0003	91999-3474	A	A	NONE
91999-2781	9703-0017	93002-4000	NATURAL	1b	03c d60	1/2 4/5		NONE	9703-0018	91999-3473	C	A	NONE
91999-2782	9703-0002	93002-4022	NATURAL	1a 2a 2b 3a 3b 6a	ALL	4/5		NONE	9703-0003	91999-3472	A	A	NONE
91999-2783	9703-0002	93002-4025	NATURAL	1a 2a 3a 4b 5a 6a 6b	01c d20 03c d60	1/2 3/4 5/6		NONE	9703-0003	91999-3471	A	A	NONE
91999-2784	9703-0002	93002-4012	NATURAL	2b 6b	d40	1/2 5/6		NONE	9703-0003	91999-3470	A	A	NONE
91999-2785	9703-0002	93002-4026	NATURAL	1a 1b 2a 2b 3a 3b 6a	01c d10 02c d30 d50 06c	4/5		NONE	9703-0003	91999-3469	A	A	NONE
91999-2786	9703-0002	93002-4000	NATURAL	1b	03c d60	1/2 4/5		2	9703-0003	91999-3468	A	A	NONE
91999-2787	9703-0002	93002-4027	NATURAL	1a 1b 2a 2b 3a 3b 5a 6b	01c d20 03c d30 04c 05c d60	1/2 5/6		NONE	9703-0003	91999-3467	A	A	NONE

NOTES:

* SEE SHEET 1 NOTE 4

Issued sheet 1 REC. NO. 152026-1545 DRAWN BY MURPHY CHKD. APPROPRIATE DATE 20/06/04 20/06/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$	mm INCH	MM ONLY	1:1	METRIC		
		4 PLACES ± 0.1	DRAWN BY B. RUTILE	DATE 2006/10/04	TITLE RAST 5 VERT HDR PA 66 HOUSING		
		3 PLACES ± 0.1	CHECKED BY T. TOURSH	DATE 2006/10/04	APPROVED BY B. MAGUIRE	DATE 2006/10/04	MOLEX INCORPORATED
	1 PLACE ± 0.2	ANGULAR ± 2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	DOCUMENT NO. SD-91999-001	SHEET NO. 6 OF 8	
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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7 CIRCUIT										SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS			P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOUR STRIPE
PART NO. (78)	TERM. NO. (78)	MOLEX HOUSING NO.	COLOR	UNLOCKED POSITION KEYS	UNLOCKED COORD. KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CUT	TERM. NO. COL. KEYS	PART NO. COL. KEYS					
9199-3511	91703-0002	93002-5000	NATURAL	NONE	03c 04d 07c	1/2 5/6		NONE	91703-0003	9199-4219	A	A	NONE		
9199-3512	91703-0002	93002-5001	NATURAL	3a 4a	d3d d7d	1/2 5/6		NONE	91703-0003	9199-4240	A				
9199-3514	91703-0002	93002-5002	NATURAL	2b	d2d 06d	1/2 5/6		NONE	91703-0003	9199-4247	A				
9199-3508	91703-0002	93002-5003	NATURAL	1a 1b 3a 4b 5a	01c 07c	1/2 3/4 5/6		NONE	91703-0003	9199-4243	A				
9199-3509	91703-0002	93002-5004	NATURAL	2a	01c d5d	2/3 4/5		NONE	91703-0003	9199-4242	A				
9199-3515	91703-0002	93002-5005	NATURAL	7b	01c d4d d7d	1/2 3/4 6/7		NONE	91703-0003	9199-4240	A				
9199-3516	91703-0002	93002-5006	NATURAL	1b	03c 06d	1/2 4/5		NONE	91703-0003	9199-4239	A				
9199-3517	91703-0002	93002-5007	NATURAL	1a 3a 4b 7b	01c d2d 03c 06c	1/2 3/4 6/7		NONE	91703-0003	9199-4238	A				
9199-3519	91703-0002	93002-5008	NATURAL	1a 7a	02c d5d	2/3 6/7		NONE	91703-0003	9199-4237	A				
9199-3521	91703-0002	93002-5009	NATURAL	1a 2b 3a 4a 6a	d2d 03c 04d d5d d7d	1/2 3/4 6/7		NONE	91703-0003	9199-4236	A				
9199-3522	91703-0002	93002-5010	NATURAL	1a 6a	d2d 03c d5d d7d	1/2 3/4 6/7		NONE	91703-0003	9199-4235	A				
9199-3523	91703-0002	93002-5011	NATURAL	1a 3a 5a 5b 7b	d2d 03c 04c d7d	1/2 4/5 6/7		NONE	91703-0003	9199-4234	A				
9199-3524	91703-0002	93002-5012	NATURAL	2b	d2d 07c	1/2 3/4 5/6		NONE	91703-0003	9199-4233	A				
9199-3525	91703-0002	93002-5013	NATURAL	2a 2b 4b 5b 6a	d2d 03c 04d 06d	1/2 3/4 5/6		NONE	91703-0003	9199-4232	A				
9199-3526	91703-0002	93002-5014	NATURAL	2b 4a 4b 5b 6a	01c d2d 04d 06d	1/2 3/4 5/6		NONE	91703-0003	9199-4231	A				
9199-3527	91703-0002	93002-5015	NATURAL	1a 3a 3b 5a 6a 6b 7a	01c d7d	2/3 6/7		NONE	91703-0003	9199-4230	A				
9199-3528	91703-0002	93002-5016	NATURAL	ALL	ALL	1/2 5/6		NONE	91703-0003	9199-4229	A				
9199-3529	91703-0002	93002-5017	NATURAL	2a 3a 4b 5a 6a 6b 7a	01c d2d 04c 06c 06d d7d	1/2 4/5		NONE	91703-0003	9199-4228	A				
9199-3530	91703-0002	93002-5018	NATURAL	none	04c 07c	1/2 5/6		NONE	91703-0003	9199-4227	A				
9199-3531	91703-0017	93002-5000	NATURAL	none	d3c 04d 07c	1/2 5/6		NONE	91703-0018	9199-4226	A				
9199-3532	91703-0002	93002-5021	NATURAL	5b	d3d d7d	1/2 6/7		NONE	91703-0003	9199-4225	A				
9199-3533	91703-0002	93002-5022	NATURAL	1a 1b 2b 3a 4b 6a	d7d d3d 04c 04d d5d d7d	2/3 6/7		NONE	91703-0003	9199-4224	A				
9199-3534	91703-0002	93002-5023	NATURAL	1a 2b 3a 4a 7a	d2d 03c d7d	1/2 3/4 4/5 6/7		NONE	91703-0003	9199-4223	A				
9199-3535	91703-0002	93002-5021	NATURAL	5b	d3d d7d	1/2 6/7		2,4&8	91703-0003	9199-4222	A				
9199-3536	91703-0002	93002-5001	NATURAL	3a 4a	d3d d7d	1/2 5/6		NONE	91703-0003	9199-4221	A				
9199-3537	91703-0002	93002-5021	NATURAL	5b	d3d d7d	1/2 6/7		2,4&8	91703-0003	9199-4220	B				
9199-3538	91703-0002	93002-5001	NATURAL	3a 4a	d3d d7d	1/2 5/6		2,4&8	91703-0003	9199-4219	B				

NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 SEC. NO. 1P20204-1545 DRAWN BY B.G. MORPHY CHECKED APPROVED DATE 20/06/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.1 ±--- 1 PLACE ±0.2 ±--- ANGULAR ± 2°	MM ONLY DRAWN BY DATE B. RUTILE 2006/10/04 CHECKED BY DATE T. TOURSH 2006/10/04 APPROVED BY DATE B.MAGUIRE 2006/10/04	1:1	METRIC	TITLE RAST 5 VERT HDR PA 66 HOUSING
	MATERIAL NO. SD-91999-001	DOCUMENT NO. SD-91999-001	MOLEX INCORPORATED	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		SEE CHART	SHEET NO. 7 OF 8		

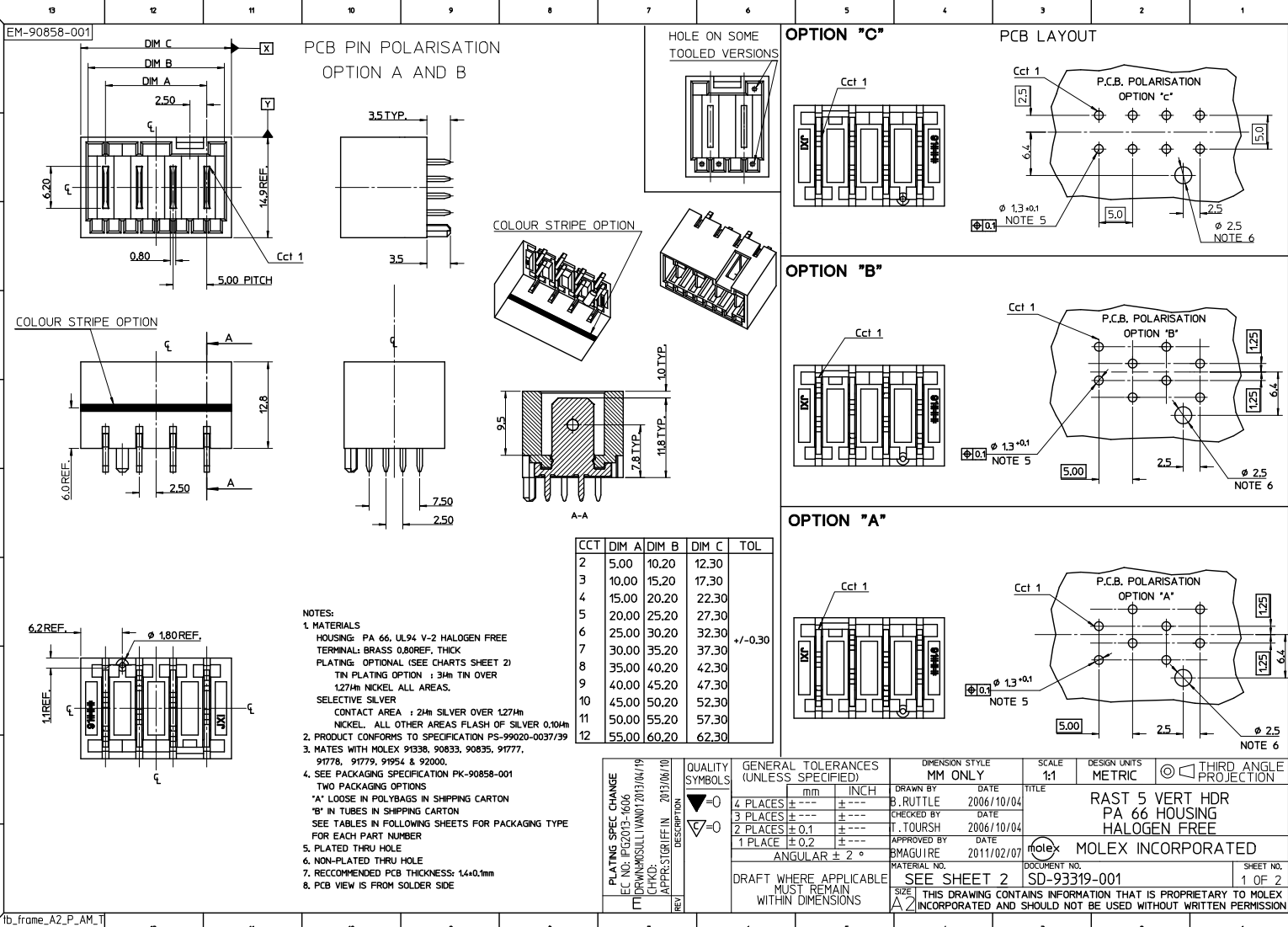
19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

8 CIRCUIT												SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS		
PART NO. (TNS)	TERM NO. (TNS)	MOLEX HOUSING NO.	COLOR	UNLOCKED POSITION KEYS	UNLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID DXT	TERM NO. (SLVER)	PART NO. (SLVER)	P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOR STRIPE	
9199-4250	91703-0002	93002-6010	NATURAL	08d	08c 09c 09d 09e 09f 09g 09h 09i 09j 09k 09l	2/3	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	NONE	91703-0003	91999-4999	A	A	NONE	
9199-4251	91703-0002	93002-6011	NATURAL	1d 4b 5a 6b 7b 8a	6d0 6e0 07c 080	1/2 3/4 5/6 7/8	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	NONE	91703-0003	91999-4998	A	A	NONE	
9199-4252	91703-0002	93002-6012	NATURAL	all	620 03c 060 07c	1/2 7/8	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	2 4 8	91703-0003	91999-4997	A	A	NONE	

ENTER DESCRIPTION REC NO: IP2026-155 DRAWN BY: MURPHY CHECKED BY: MURPHY APPROVED BY: MURPHY DATE: 2006/04/25 APPR DATE: 2006/05/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ±.001 ±.001 3 PLACES ±.005 ±.005 2 PLACES ±.01 ±.01 1 PLACE ±.02 ±.02 0 PLACE ± ±	DRAWN BY: B. RUTILE DATE: 2006/10/04 CHECKED BY: T. TOURSH DATE: 2006/10/04 APPROVED BY: BMAGUIRE DATE: 2006/10/04	1:1	METRIC	TITLE: RAST 5 VERT HDR PA 66 HOUSING
	ANGULAR ± 2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	PATENT NO.	DOCUMENT NO.	SHEET NO.	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SD-91999-001	8 OF 8	

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

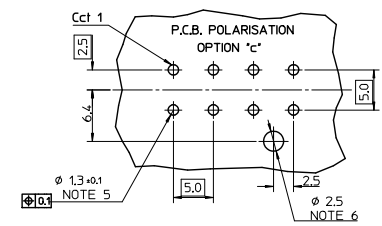
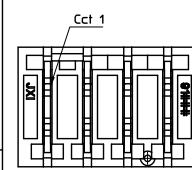


PCB PIN POLARISATION OPTION A AND B

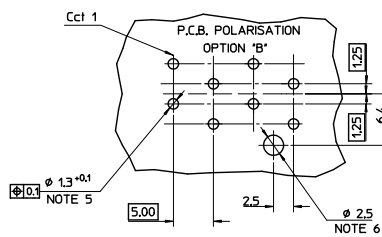
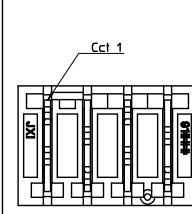
HOLE ON SOME TOOLED VERSIONS

OPTION "C"

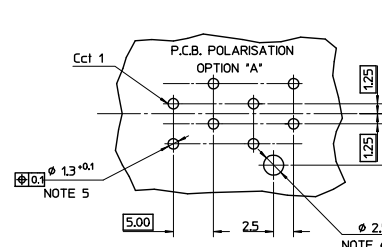
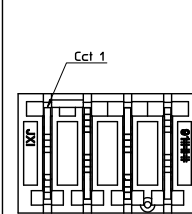
PCB LAYOUT



OPTION "B"



OPTION "A"



CC1	DIM A	DIM B	DIM C	TOL
2	5.00	10.20	12.30	
3	10.00	15.20	17.30	
4	15.00	20.20	22.30	
5	20.00	25.20	27.30	
6	25.00	30.20	32.30	
7	30.00	35.20	37.30	
8	35.00	40.20	42.30	
9	40.00	45.20	47.30	
10	45.00	50.20	52.30	
11	50.00	55.20	57.30	
12	55.00	60.20	62.30	

- NOTES:**
- MATERIALS**
HOUSING: PA 66, UL94 V-2 HALOGEN FREE
TERMINAL: BRASS 0.80REF, THICK
PLATING: OPTIONAL (SEE CHARTS SHEET 2)
TIN PLATING OPTION : 34µm TIN OVER
127µm NICKEL ALL AREAS.
SELECTIVE SILVER
CONTACT AREA : 24µm SILVER OVER 127µm
NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm
 - PRODUCT CONFORMS TO SPECIFICATION PS-99020-00377/39
 - MATES WITH MOLEX 91938, 90833, 90835, 91777, 91778, 91779, 91954 & 92000.
 - SEE PACKAGING SPECIFICATION PK-90858-001
TWO PACKAGING OPTIONS
"A" LOOSE IN POLYBAGS IN SHIPPING CARTON
"B" IN TUBES IN SHIPPING CARTON
SEE TABLES IN FOLLOWING SHEETS FOR PACKAGING TYPE FOR EACH PART NUMBER
 - PLATED THRU HOLE
 - NON-PLATED THRU HOLE
 - RECOMMENDED PCB THICKNESS: 1.4±0.1mm
 - PCB VIEW IS FROM SOLDER SIDE

PLATING SPEC CHANGE	DESCRIPTION	DATE
1	EC NO: IP02013-1606	2013/06/19
2	DRM/MSULLI/WANG/2013/04/19	2013/06/10
3	CHKD: APPR: SIG: LIFE IN	2013/06/10

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	mm
▽=0	INCH

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4 PLACES ± --- ± ---	MM ONLY	1:1	METRIC	THIRD ANGLE PROJECTION
3 PLACES ± --- ± ---				
2 PLACES ± 0.1 ± ---				
1 PLACE ± 0.2 ± ---				
ANGULAR ± 2 °				

DRAWN BY	DATE	TITLE
B. RUTILE	2006/10/04	RAST 5 VERT HDR PA 66 HOUSING HALOGEN FREE
CHECKED BY	DATE	
T. TOURSH	2006/10/04	
APPROVED BY	DATE	
BMAGUIRE	2011/02/07	

MOLEX INCORPORATED

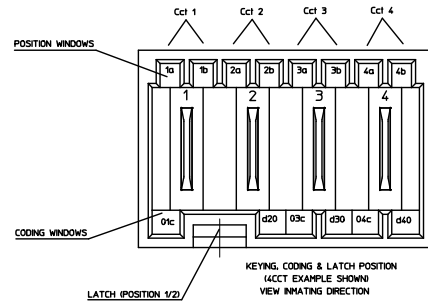
DOCUMENT NO. SD-93319-001

SHEET NO. 1 OF 2

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

4 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS										P.C.A. OPTION	INSULATING OPTION =	COLOUR STRIPE	
PART NO. (ITN)	TERM NO. (TNE)	MOLEX HOUSING NO.	COLOUR	UNBLOCKED POSITION	UNBLOCKED KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID OCT	TERM NO. (SLVER)				PART NO. (SLVER)
93319-1254	91703-0002	93318-2000	NATURAL	1b	03c: d4d	1/2 3/4		NONE	91703-0003	93319-9999	A	A	NONE



NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 EIC No. 18203-4606 FT/DRINKINSULLI/ANO/2013/04/19 CHKD: APPR: DR/EF/N 2013/06/20 REW:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm INCH	MM ONLY	1:1	METRIC	
	4 PLACES ± 0.1 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.2	± 0.1 ± 0.1 ± 0.2 ± 0.2	DRAWN BY: B. RUTILE DATE: 2006/10/04 CHECKED BY: T. TOURSH DATE: 2006/10/04 APPROVED BY: EMAGUIRE DATE: 2011/02/01	TITLE: RAST 5 VERT HDR PA 66 HOUSING HALOGEN FREE MOLEX INCORPORATED	MATERIAL NO. DOCUMENT NO. SD-93319-001	SHEET NO. 2 OF 2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			