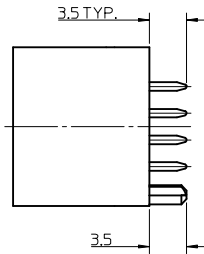
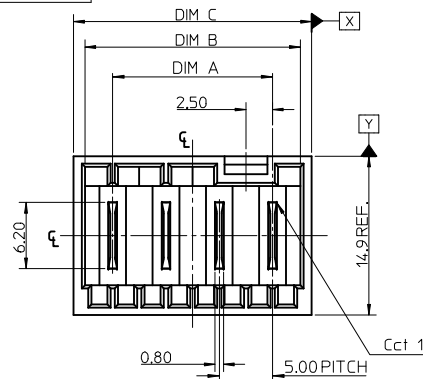
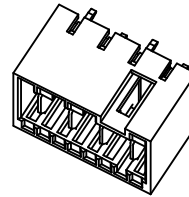
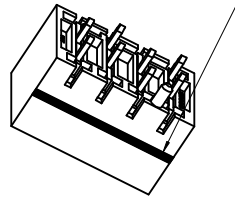


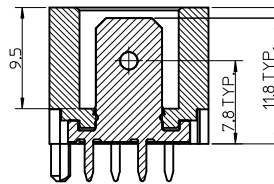
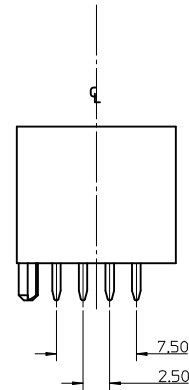
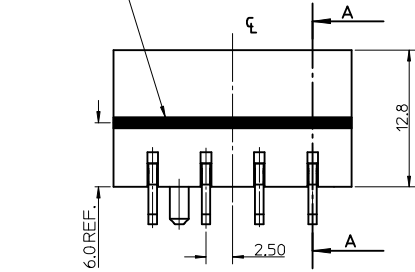
EM-90858-001

PCB PIN POLARISATION
OPTION A AND B

COLOUR STRIPE OPTION



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:

1. 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 1.27µm NICKEL
 ALL AREAS

SELECTIVE SILVER

CONTACT AREA: 24µm SILVER OVER 1.27µm
 NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm

2. PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037/39

3. MATES WITH MOLEX 91338, 90833, 90835, 91777,

91778, 91779, 91954 & 92000.

4. SEE PACKAGING SPECIFICATION PK-90858-001

THREE PACKAGING OPTIONS:

"A" LOOSE IN POLYBAGS IN SHIPPING CARTON
 "B" IN TUBES WITH TAPE CLOSURE IN SHIPPING CARTON
 "D" IN TUBES WITH REUSABLE STOPPER CLOSURE IN SHIPPING CARTON
 SEE TABLES IN FOLLOWING SHEETS FOR PACKAGING TYPE
 FOR EACH PART NUMBER

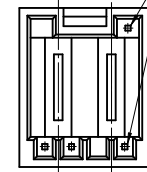
REFER TO FINAL SHEET FOR PART NUMBERS OFFERING OPTION 'D'

5. PLATED THRU HOLE

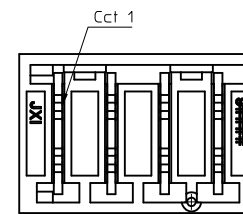
6. NON-PLATED THRU HOLE

7. RECOMMENDED PCB THICKNESS: 1.5mm REF

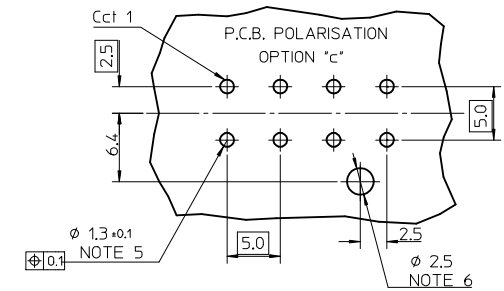
8. PCB VIEW IS FROM SOLDER SIDE

HOLE ON SOME
TOOLED VERSIONS

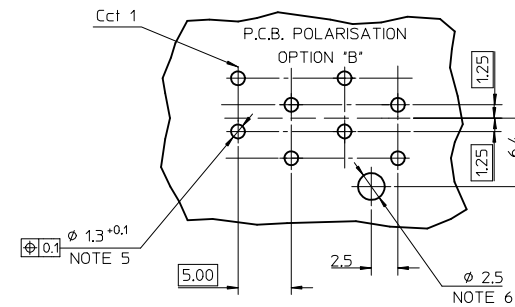
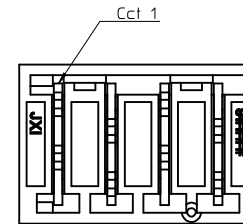
OPTION "C"



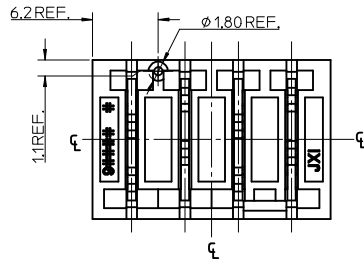
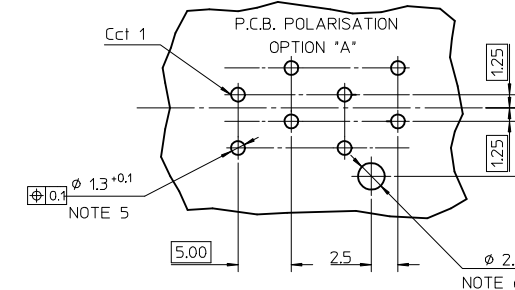
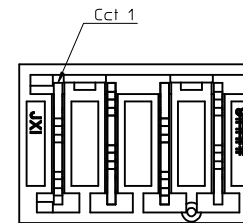
PCB LAYOUT



OPTION "B"



OPTION "A"



NEW PHS SPLIT SHEET 4
 EC NO: IEC2017-0474
 DRAWN: ZCRAWER 2016/11/15
 CHKD: APPR: BRUTTLE 2016/11/22
 DESCRIPTION

QUALITY
 SYMBOLS
 ▽=0
 ▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.2	± ---

ANGULAR ± 2 °
 DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

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

MATERIAL NO.
 SEE SHEETS 2-8
 SIZE A2
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
1:1DESIGN UNITS
METRICTHIRD ANGLE
PROJECTION

RAST 5 VERT HDR
 PA 66 HOUSING



MOLEX INCORPORATED

DOCUMENT NO.

SD-91999-001

SHEET NO.

1 OF 10

20	19	18	17	16	15	14	13	12	11							
2 CIRCUIT										SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS				P.C.B. POLARISATION OPTION	PACKAGING OPTION *	COLOUR STRIPE
PART NO. (TIN)	TERM NO. (TIN)	HOUSING NO.	COLOR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)						
91999-0003	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	1/2		NONE	91703-0003	91999-0499	A	↑	↑	NONE		
91999-0004	91703-0002	93002-0003	NATURAL	1a 2b	01c	1/2		NONE	91703-0003	91999-0482	A					
91999-0007	91703-0002	93002-0004	NATURAL	1b 2b	01c	1/2		NONE	91703-0003	91999-0497	A					
91999-0018	91703-0002	93002-0005	NATURAL	2a	01c, d20	1/2		NONE	91703-0003	91999-0495	A					
91999-0019	91703-0002	93002-0008	NATURAL	1a 2b	d20	1/2		NONE	91703-0003	91999-0478	A					
91999-0021	91703-0002	93002-0006	NATURAL	1b	01c, d20	1/2		NONE	91703-0003	91999-0492	A					
91999-0022	91703-0002	93002-0007	NATURAL	1a 2b	NONE	1/2		NONE	91703-0003	91999-0491	A					
91999-0027	91703-0002	93002-0009	NATURAL	2b	NONE	1/2		NONE	91703-0003	91999-0487	A					
91999-0029	91703-0002	93002-0010	NATURAL	1a 1b	d20	1/2		NONE	91703-0003	91999-0486	A					
91999-0030	91703-0002	93002-0011	NATURAL	2a 2b	NONE	1/2		NONE	91703-0003	91999-0485	A					
91999-0032	91703-0002	93002-0012	NATURAL	2b	d20	1/2		NONE	91703-0003	91999-0484	A	↓	↓	NONE		
91999-0047	91703-0002	93002-0013	NATURAL	1a 2a	01c d20	1/2		NONE	91703-0003	91999-0483	A					
91999-0055	91703-0002	93002-0014	NATURAL	1a 1b	NONE	1/2		NONE	91703-0003	91999-0480	A					
91999-0020	91703-0002	93002-0015	NATURAL	1a 1b	01c	1/2		NONE	91703-0003	91999-0475	A					
91999-0054	91703-0002	93002-0016	NATURAL	2b	01c d20	1/2		NONE	91703-0003	91999-0476	A					
91999-0057	91703-0002	93002-0017	NATURAL	1a	01c d20	1/2		NONE	91703-0003	91999-0477	A					
91999-0058	91703-0002	93002-0018	NATURAL	1a 2a	01c	1/2		NONE	91703-0003	91999-0472	A					
91999-0059	91703-0002	93002-0019	NATURAL	ALL	d20	1/2		NONE	91703-0003	91999-0474	A					
91999-0060	91703-0002	93002-0020	NATURAL	1b 2a 2b	d20	1/2		NONE	91703-0003	91999-0473	A					
91999-0061	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	1/2		NONE	91703-0003	91999-0471	B					
91999-0062	91703-0002	93002-0021	NATURAL	2a	01c	1/2		NONE	91703-0003	91999-0470	A	↓	↓	NONE		
91999-0063	91703-0002	93002-0022	NATURAL	1b, 2a	d20	1/2		NONE	91703-0003	91999-0469	A					
91999-0064	91703-0002	93002-0023	NATURAL	1a, 2b	01c, d20	1/2		NONE	91703-0003	91999-0468	A					
91999-0065	91703-0002	93002-0002	NATURAL	1b, 2a	01c, d20	1/2		NONE	91703-0003	91999-0467	A					
91999-0066	91703-0002	93002-0003	NATURAL	1a, 2b	01c	1/2		NONE	91703-0003	91999-0466	A	B	↓	↓	NONE	
91999-0067	91703-0002	93002-0024	NATURAL	ALL	ALL	1/2		NONE	91703-0003	91999-0465	A					
91999-0068	91703-0002	93002-0003	NATURAL	1a, 2b	01c	1/2		NONE	91703-0003	91999-0464	A	B				
91999-0069	91703-0002	93002-0025	NATURAL	1a	01c	1/2		NONE	91703-0003	91999-0463	A	A				
91999-0070	91703-0002	93002-0026	NATURAL	2a 2b	01c	1/2		NONE	91703-0003	91999-0462	A	B	↓	↓	NONE	
91999-0071	91703-0017	93002-0004	NATURAL	1b 2b	01c	1/2		NONE	91703-0018	91999-0461	C	A				

NOTES:
* SEE SHEET 1 NOTE 4

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. (TIN)	TERM NO. (TIN)	HOUSING NO.	COLOR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)			
91999-0042	91703-0002	93002-0027	NATURAL	NONE	d20	1/2		NONE	91703-0003	91999-0460	A	A	NONE
91999-0072	91703-0017	93002-0002	NATURAL	1b 2a	01c d20	1/2		NONE	91703-0018	91999-0459	C	A	NONE
91999-0073	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	1/2		NONE	91703-0003	91999-0458	B	A	NONE
91999-0074	91703-0002	93002-0003	NATURAL	1a 2b	01c	1/2		NONE	91703-0003	91999-0457	B	A	NONE
91999-0075	91703-0017	93002-0005	NATURAL	2a	01c d20	1/2		NONE	91703-0018	91999-0456	C	A	NONE
91999-0076	91703-0002	93002-0005	NATURAL	2a	01c d20	1/2		NONE	91703-0003	91999-0455	B	A	NONE
91999-0077	91703-0002	93002-0028	NATURAL	1a 2a 2b	01c d20	1/2		NONE	91703-0003	91999-0454	A	A	NONE
91999-0078	91703-0002	93002-0029	NATURAL	1b	d20	1/2		NONE	91703-0003	91999-0453	A	A	NONE
91999-0079	91703-0002	93002-0030	NATURAL	1b	NONE	1/2		NONE	91703-0003	91999-0452	A	A	NONE
91999-0080	91703-0002	93002-0031	NATURAL	NONE	01c d20	1/2		NONE	91703-0003	91999-0451	A	A	NONE
91999-0081	91703-0002	93002-0003	NATURAL	1a 2b	01c	1/2		NONE	91703-0003	91999-0450	A	A	RED
91999-0082	91703-0002	93002-0032	NATURAL	1a 1a 2a 2b	01c	1/2		NONE	91703-0003	91999-0449	A	A	NONE
91999-0083	91703-0002	93002-0033	NATURAL	1a 1b 2a	NONE	1/2		NONE	91703-0003	91999-0448	A	A	NONE
91999-0084	91703-0002	93002-0008	NATURAL	1a 2b	d20	1/2		CCT 1	91703-0003	91999-0447	A	A	None
91999-0085	91703-0002	93002-0008	NATURAL	1a 2b	d20	1/2		CCT 2	91703-0003	91999-0446	A	A	None
91999-0086	91703-0017	93002-0008	NATURAL	1a 2b	d20	1/2		NONE	91703-0018	91999-0445	C	A	None
91999-0087	91703-0002	93002-0034	NATURAL	1a	NONE	1/2		NONE	91703-0003	91999-0444	A	A	None
91999-0088	91703-0002	93002-0009	NATURAL	2b	NONE	1/2		NONE	91703-0003	91999-0443	B	A	None
91999-0089	91703-0002	93002-0002	NATURAL	1b 2a	01c d20	1/2		NONE	91703-0003	91999-0442	A	A	Black
91999-0090	91703-0002	93002-0036	NATURAL	1b 2b	01c d20	1/2		NONE	91703-0003	91999-0496	A	A	None

SEE SHEET 1
SEC NO: PG2047-0474
CHKD: DRW/MZGRAMER
BN

2016/11/15
2016/11/22
APPRO: BRUTTE

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.1 ± ---
1 PLACE ± 0.2 ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
B. RUTLE 2006/10/04
CHECKED BY DATE
T. TOURSH 2006/10/04
APPROVED BY DATE
B. MAGUIRE 2006/10/04
MATERIAL NO.
DOCUMENT NO.
SD-91999-001

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
RAST 5 VERT HDR
PA 66 HOUSING
MOLEX INCORPORATED
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET NO.
2 OF 10

20

19

18

17

16

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3 CIRCUIT

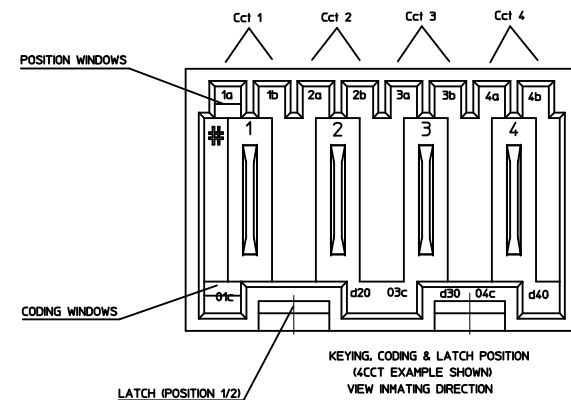
SEE CODE DESIGNATION TABLE FOR NUMBERING
FORMAT WHEN ADDING NEW PART NUMBERS

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)	P.C.B. OPTION	PACKAGING OPTION *	COLOUR STRIPE
91999-0502	91703-0002	93002-1000	NATURAL	1b	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

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)	P.C.B. OPTION	PACKAGING OPTION *	COLOUR STRIPE
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
91999-0556	THIS LINE	RESERVED	FOR	FUTURE	RELEASE								
91999-0557	91703-0002	93002-1034	NATURAL	3a	03c d30	1/2		None	91703-0003	91999-1209	A	A	None
91999-0558	91703-0002	93002-1025	NATURAL	1a 1b	d20	1/2		2	91703-0003	91999-1208	A	A	None



NOTES:

* SEE SHEET 1 NOTE 4

SEE SHEET 1 SEC NO: JPC2047-0474 DRAWN BY: GRAMER CHKD: APPR: BRUTLE BN	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2°	DIMENSION STYLE MM ONLY DRAWN BY DATE B. RUTLE 2006/10/04 CHECKED BY DATE T. TOURSH 2006/10/04 APPROVED BY DATE BMAGUIRE 2006/10/04	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	RAST 5 VERT HDR PA 66 HOUSING	MOLEX INCORPORATED DOCUMENT NO. SD-91999-001	SHEET NO. 3 OF 10
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							

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20	19	18	17	16	15	14	13	12	11				
4 CIRCUIT													
SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS													
PART NO. (TIN)	TERM NO. (TIN)	MOLEX HOUSING NO.	COLOR	UNLOCKED POSITION KEYS	UNLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)	P.C.B. OPTION	PACKAGING OPTION *	COLOR STRIPE
91999-1254	91703-0002	93002-2000	NATURAL	1b	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			
91999-1265	91703-0002	93002-2002	NATURAL	2a 4b	d20	1/2 3/4		NONE	91703-0003	91999-1996			
91999-1267	91703-0002	93002-2003	NATURAL	1b 2a 3a 4b	01c d40	1/2 3/4		NONE	91703-0003	91999-1994			
91999-1270	91703-0002	93002-2004	NATURAL	1a 2b 4b	01c 03c d40	1/2 3/4		NONE	91703-0003	91999-1993			
91999-1274	91703-0002	93002-2005	NATURAL	1a 3a 3b	01c d20 d40	1/2 3/4		NONE	91703-0003	91999-1992			
91999-1275	91703-0002	93002-2006	NATURAL	1b 2a 4b	01c d20 03c	1/2 3/4		NONE	91703-0003	91999-1991			
91999-1278	91703-0002	93002-2007	NATURAL	1a 3a	d40	1/2 3/4		NONE	91703-0003	91999-1987			
91999-1280	91703-0002	93002-2008	NATURAL	1a 2b 3b 4a	01c 03c d40	1/2 3/4		NONE	91703-0003	91999-1988			
91999-1281	91703-0002	93002-2009	NATURAL	2a 4b	d20 03c	1/2 3/4		NONE	91703-0003	91999-1986			
91999-1282	91703-0002	93002-2010	NATURAL	3b	d30	2/3		NONE	91703-0003	91999-1985			
91999-1283	91703-0002	93002-2011	NATURAL	1b 2a 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1984			
91999-1284	91703-0002	93002-2012	NATURAL	2a 3a 3b 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0003	91999-1983			
91999-1285	91703-0002	93002-2013	NATURAL	2a 2b 3b 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	C	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

SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS											P.C.B. POLARISATION OPTION	PACKAGING OPTION #	COLOR STRIPE	
PART NO. (TIN)	TERM NO. (TIN)	HOUSING NO.	COLOR	UNLOCKED POSITION KEYS	UNLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)				
91999-1300	91703-0002	93002-2001	NATURAL	1a 4b	d40	1/2 3/4		NONE	91703-0003	91999-1951	B	A	NONE	
91999-1301	91703-0002	93002-2047	GREEN	1b	03c d40	1/2 3/4		NONE	91703-0003	91999-1950	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	C	A	NONE	
91999-1259	91703-0017	93002-2010	NATURAL	3b	d30	2/3		NONE	91703-0018	91999-1959	C	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	C	A	NONE	
91999-1261	91703-0002	93002-2036	NATURAL	1b 2a 3a 3b 4b	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		CCT 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	91999-1989	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	
91999-7000	91703-0002	93002-2999	NATURAL	1b 2b 3b 4a	01c 03c d40	1/2 3/4		PEG 2/3	NONE	91703-0003	91999-7500	A	A	NONE
91999-7001	91703-0002	93002-2040	NATURAL	1a 1b 2a 3b 4a 4b	01c 02c 03c d40	3/4		NONE	91703-0003	91999-7501	A	A	NONE	
91999-7002	91703-0002	93002-2041	NATURAL	1a	01c d20 03c	1/2		NONE	91703-0003	91999-7502	A	A	NONE	
91999-7003	91703-0002	93002-2042	NATURAL	2a 2b 3b 4a	01c 03c d40	1/2		NONE	91703-0003	91999-7503	A	A	NONE	
91999-7004	91703-0017	93002-2036	NATURAL	1b 2a 3a 3b 4b	01c d20 03c d40	1/2 3/4		NONE	91703-0018	91999-7504	C	A	NONE	
91999-7005	91703-0002	93002-2044	NATURAL	2a 3b	01c d40	1/2 3/4		NONE	91703-0003	91999-7505	A	A	NONE	
91999-7006	91703-0002	93002-2046	NATURAL	1b 2a 3a 4b	d20 03c	1/2 3/4		NONE	91703-0003	91999-7506	A	A	NONE	

NOTES:

4 CIRCUIT PARTS CONTINUE ON SHEET 5

* SEE SHEET 1 NOTE 4

SEE SHEET 1 EC NO: PG2007-0474 DRAWN BY: B.N. CHKD: B.N. APPR: B.N. REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± ---		DRAWN BY DATE B. RUTILE 2006/10/04 CHECKED BY DATE T. TOURSH 2006/10/04 APPROVED BY DATE BMAGUIRE 2006/10/04		TITLE RAST 5 VERT HDR PA 66 HOUSING				
		ANGULAR ± 2°		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		MOLEX INCORPORATED SD-91999-001		SHEET NO. 4 OF 10

4 CIRCUIT								SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS				P.C.B. POLARISATION	PACKAGING OPTION #	COLOUR STRIPE
PART NO. (TIN)	TERM NO. (TIN)	HOUSING NO.	COLOUR	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 3b 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	

SEE SHEET 1

EC NO: PG2017-0474

DRWN:ZGRMER 2016/11/15

CHKD:

APPR:BRUTLE

BN

2016/11/22

REV

QUALITY SYMBOLS

=0

=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.2	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

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

MATERIAL NO.

SEE CHART

SIZE
A 1

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

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

TITLE

RAST 5 VERT HDR
PA 66 HOUSING

DOCUMENT NO.

SD-91999-001

SHEET NO.

5 OF 10

		19		18		17		16		15		14		13		12		11					
5 CIRCUIT																							
SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS																							
PART NO. (TIN)	Term. No. (Tin)	MOLEX HOUSING NO.	COLOR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID OUT	TERM NO. (SILVER)	PART NO. (SILVER)	P.C.B. OPTION	PACKAGING OPTION *	COLOR STRIPE										
91999-2000	91703-0002	93002-3000	NATURAL	1a 5b	01c d30	1/2 2/3		NONE	91703-0003	91999-2749	A	A	NONE										
91999-2001	91703-0002	93002-3001	NATURAL	1a 3a	01c d30	1/2 4/5		NONE	91703-0003	91999-2748													
91999-2002	91703-0002	93002-3002	NATURAL	1a 5b	01c d20 03c d50	1/2 3/4		NONE	91703-0003	91999-2747													
91999-2003	91703-0002	93002-3003	NATURAL	1b 2a 3b 5a	01c 03c	1/2 3/4		NONE	91703-0003	91999-2746													
91999-2004	91703-0002	93002-3004	NATURAL	1a 2a 2b 4b 5b	01c d30 04c d50	1/2 2/3 4/5		NONE	91703-0003	91999-2745													
91999-2006	91703-0002	93002-3005	NATURAL	2a	01c d50	2/3 4/5		NONE	91703-0003	91999-2742													
91999-2012	91703-0002	93002-3006	NATURAL	2a 4b	01c d20 d40	1/2 3/4		NONE	91703-0003	91999-2743													
91999-2013	91703-0002	93002-3007	NATURAL	2b	d20	1/2 4/5		NONE	91703-0003	91999-2741													
91999-2014	91703-0002	93002-3008	NATURAL	4b 5a	01c d30 04c d50	1/2 4/5		NONE	91703-0003	91999-2740													
91999-2015	91703-0002	93002-3009	NATURAL	NONE	01c d40	1/2 3/4		NONE	91703-0003	91999-2739													
91999-2017	91703-0002	93002-3010	NATURAL	1a 4a	d30	1/2 4/5		NONE	91703-0003	91999-2737													
91999-2024	91703-0002	93002-3011	NATURAL	1a 5b	d20 d40	1/2 3/4		NONE	91703-0003	91999-2732													
91999-2025	91703-0002	93002-3019	NATURAL	2b	d20 d50	1/2 3/4		NONE	91703-0003	91999-2733													
91999-2026																		V	V	V			
91999-2027	91703-0002	93002-3020	NATURAL	1a 3a 4b 5a	03c 04c	1/2 4/5		NONE	91703-0003	91999-2735													
91999-2028	91703-0002	93002-3021	NATURAL	2b	d20	1/2 4/5		NONE	91703-0003	91999-2731													
91999-2029	91703-0002	93002-3016	NATURAL	1b 2a 4a	01c 04c d50	1/2 4/5		NONE	91703-0003	91999-2730													
91999-2030	91703-0002	93002-3017	NATURAL	2b 3b 4a	01c d20 d40	1/2 3/4		NONE	91703-0003	91999-2729													
91999-2031	91703-0002	93002-3022	NATURAL	1a 5b	01c d20 03c d50	1/2 4/5		NONE	91703-0003	91999-2728													
91999-2032	91703-0002	93002-3023	NATURAL	1a 1b 4a	d30 04c d50	1/2 4/5		NONE	91703-0003	91999-2727													
91999-2033	91703-0002	93002-3002	NATURAL	1a 5b	01c d20 03c d50	1/2 3/4		NONE	91703-0003	91999-2726													
91999-2034	91703-0017	93002-3001	NATURAL	1a 3a	01c d30	1/2 4/5		NONE	91703-0018	91999-2725													
91999-2035	91703-0002	93002-3024	NATURAL	ALL	ALL	1/2 3/4		NONE	91703-0003	91999-2724													
91999-2036	91703-0017	93002-3000	NATURAL	1a 5b	01c d30	1/2 2/3		NONE	91703-0018	91999-2723	C	A	NONE										
91999-2038	91703-0002	93002-3000	NATURAL	1a 5b	01c d30	1/2 2/3		NONE	91703-0003	91999-2721	B	A	NONE										
91999-2039	91703-0017	93002-3003	NATURAL	1b 2a 3b 5a	01c 03c	1/2 3/4		NONE	91703-0018	91999-2720	C	A	NONE										
91999-2040	91703-0002	93002-3003	NATURAL	1b 2a 3b 5a	01c 03c	1/2 3/4		NONE	91703-0003	91999-2719	B	A	NONE										
91999-2041	91703-0002	93002-3026	NATURAL	2a 2b 3b 4a	d20 d40	1/2 3/4		NONE	91703-0003	91999-2718	A	A	NONE										

5 CIRCUIT							SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS							COLOUR STRIPE
PART NO. (TIN)	TERM NO. (TIN)	MOLEX HOUSING NO.	CLOUR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID OUT	TERM NO. (SILVER)	PART NO. (SILVER)	P.C.B. OPTION	PACKAGING OPTION *	COLOUR STRIPE	
91999-2042	91703-0017	93002-3002	NATURAL	1a 5b	01c d20 03c d50	1/2 3/4		NONE	91703-0018	91999-2717	C	A	NONE	
91999-2043	91703-0002	93002-3029	NATURAL	1b 3b 4b	01c d20 d50	1/2 4/5		2,4	91703-0003	91999-2716	A	A	NONE	
91999-2044	91703-0002	93002-3007	NATURAL	2b	d20	1/2 4/5		4	91703-0003	91999-2715	A	A	NONE	
91999-2045	91703-0002	93002-3030	NATURAL	1a 2b 4b	03c d50	1/2 4/5		NONE	91703-0003	91999-2714	A	A	NONE	
91999-2046	91703-0002	93002-3031	NATURAL	2b	d20	1/2		2,4	91703-0003	91999-2713	A	A	NONE	
91999-2047	91703-0002	93002-3022	NATURAL	1a 5b	01c d20 03c d50	1/2 4/5		2,4	91703-0003	91999-2712	A	A	NONE	
91999-2048	91703-0002	93002-3022	NATURAL	1a 5b	01c d20 03c d50	1/2 4/5		2,4	91703-0003	91999-2711	B	A	NONE	
91999-2049	91703-0002	93002-3007	NATURAL	2b	d20	1/2 4/5		2,4	91703-0003	91999-2710	B	A	NONE	
91999-2050	91703-0002	93002-3020	NATURAL	1a 3a 4b 5a	03c 04c	1/2 4/5		4	91703-0003	91999-2709	A	A	NONE	
91999-2051	91703-0002	93002-3006	NATURAL	2a 4b	01c d20 d40	1/2 3/4		NONE	91703-0003	91999-2708	B	A	NONE	
91999-2052	91703-0002	93002-3006	NATURAL	2a 4b	01c d20 d40	1/2 3/4		4	91703-0003	91999-2708	A	A	NONE	

NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 EC NO: PG2017-0474 DRWNGZGRMER 2016/11/15 CHKD: APPR:BRUTILE REV BN	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																																		
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.1</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.2</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.1	± ---	1 PLACE	± 0.2	± ---	<table border="1"> <tr> <th colspan="2">MM ONLY</th> </tr> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>B. RUTILE</td> <td>2006/10/04</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>T. TOURSH</td> <td>2006/10/04</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>BMAGUIRE</td> <td>2006/10/04</td> </tr> </table>	MM ONLY		DRAWN BY	DATE	B. RUTILE	2006/10/04	CHECKED BY	DATE	T. TOURSH	2006/10/04	APPROVED BY	DATE	BMAGUIRE	2006/10/04	<table border="1"> <tr> <td>TITLE</td> <td>DOCUMENT NO.</td> </tr> <tr> <td>RAST 5 VERT HDR PA 66 HOUSING</td> <td>SD-91999-001</td> </tr> </table>	TITLE	DOCUMENT NO.	RAST 5 VERT HDR PA 66 HOUSING	SD-91999-001	<table border="1"> <tr> <td>SHEET NO.</td> </tr> <tr> <td>6 OF 10</td> </tr> </table>	SHEET NO.	6 OF 10
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	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1											
M	6 CIRCUIT										6 CIRCUIT																				
	SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS										SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS																				
	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)	P.C.B. OPTION	PACKAGE 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)	P.C.B. OPTION	PACKAGE OPTION =	COLOUR STRIPE			
	91999-2753	91703-0002	93002-4000	NATURAL	1b	03c d60	1/2 4/5		NONE	91703-0003	91999-3499	A	A	NONE	91999-2788	91703-0002	93002-4028	NATURAL	1b 5b 6a	d20 03c d40 05c	1/2 3/4 5/6		NONE	91703-0003	91999-3487	A	A	NONE			
L	91999-2754	91703-0002	932002-4001	NATURAL	1a 3b 4b	01c d50 06c	1/2 4/5		NONE	91703-0003	91999-3498	↑	↑	↑																	
	91999-2755	91703-0002	932002-4002	NATURAL	1a 1b 2b 3a 3b 4b	d30 04c d50	1/2 2/3 4/5		NONE	91703-0003	91999-3497																				
K	91999-2756	91703-0002	932002-4003	NATURAL	1a 1b 4a 4b	d10 d50	2/3 4/5		NONE	91703-0003	91999-3496																				
	91999-2757	91703-0002	932002-4004	NATURAL	2a 4b 5a 6b	d20 03c 05c	1/2 3/4 5/6		NONE	91703-0003	91999-3495																				
	91999-2758	91703-0002	93002-4005	NATURAL	1a 2b 3a 3b 5b 6b	01c d40 d60	1/2 3/4 5/6		NONE	91703-0003	91999-3494																				
J	91999-2759	91703-0002	93002-4006	NATURAL	1b 2a 3a 4b 5a 5b 6b	01c 03c d60	1/2 3/4 5/6		NONE	91703-0003	91999-3493																				
	91999-2761	91703-0002	93002-4007	NATURAL	2b	d20 d60	1/2 5/6		NONE	91703-0003	91999-3492																				
I	91999-2762	91703-0002	93002-4008	NATURAL	2b 3b 4a	01c d50 06c	1/2 4/5		NONE	91703-0003	91999-3491																				
	91999-2768	91703-0002	93002-4009	NATURAL	1b 4b	d20 03c d50 06c	1/2 4/5		NONE	91703-0003	91999-3486																				
H	91999-2769	91703-0002	93002-4010	NATURAL	1a 2b 3b 4a 6b	01c 03c d40 05c d60	1/2 3/4 5/6		NONE	91703-0003	91999-3485																				
	91999-2770	91703-0002	93002-4011	NATURAL	1a 2b 4a 6b	01c d40	1/2 3/4 5/6		NONE	91703-0003	91999-3484																				
	91999-2771	91703-0002	93002-4012	NATURAL	1b 6b	d40	1/2 5/6		2 & 5	91703-0003	91999-3483																				
G	91999-2772	91703-0002	93002-4016	NATURAL	1b 2a 3a 4b 5a 5b 6b	01c d60	2/3 5/6		NONE	91703-0003	91999-3482	A	A	NONE																	
	91999-2773	91703-0017	93002-4000	NATURAL	1b	03C d60	1/2 4/5		NONE	91703-0018	91999-3481	C	A	NONE																	
F	91999-2774	91703-0017	93002-4017	NATURAL	1a 1b 2b 3b	d20 05c d60	1/2 3/4 5/6		NONE	91703-0018	91999-3480	C	A	NONE																	
	91999-2775	91703-0017	93002-4016	NATURAL	1b 2a 3a 4b 5a 5b 6b	01c d60	2/3 5/6		NONE	91703-0018	91999-3479	C	A	NONE																	
	91999-2776	91703-0002	93002-4018	NATURAL	ALL	ALL	1/2 4/5		NONE	91703-0003	91999-3478	A	A	NONE																	
E	91999-2777	91703-0002	93002-4019	NATURAL	1b	03c d60	1/2 5/6		NONE	91703-0003	91999-3477	A	A	NONE																	
	91999-2778	91703-0002	93002-4020	NATURAL	1b 2b 3b	01c 05c d60	1/2 3/4 5/6		NONE	91703-0003	91999-3476	A	A	NONE																	
D	91999-2779	91703-0002	93002-4021	NATURAL	ALL	ALL	2/3 4/5		NONE	91703-0003	91999-3475	A	A	NONE																	
	91999-2780	91703-0002	93002-4023	NATURAL	1b 6a	04c	1/2 5/6		NONE	91703-0003	91999-3474	A	A	NONE																	
	91999-2781	91703-0017	93002-4000	NATURAL	1b	03c d60	1/2 4/5		NONE	91703-0018	91999-3473	C	A	NONE																	
C	91999-2782	91703-0002	93002-4022	NATURAL	1b 2a 2b 3a 3b 6a	ALL	4/5		NONE	91703-0003	91999-3472	A	A	NONE																	
	91999-2783	91703-0002	93002-4025	NATURAL	1b 2a 3a 4b 5b 6a 6b	01c d20 03c d60	1/2 3/4 5/6		NONE	91703-0003	91999-3471	A	A	NONE																	
B	91999-2784	91703-0002	93002-4012	NATURAL	2b 6b	d40	1/2 5/6		NONE	91703-0003	91999-3470	A	A	NONE																	
	91999-2785	91703-0002	93002-4026	NATURAL	1a 1b 2a 2b 3a 3b 6a	01c d10 02c d30 d50 06c	4/5		NONE	91703-0003	91999-3469	A	A	NONE																	
	91999-2786	91703-0002	93002-4000	NATURAL	1b	03c d60	1/2 4/5		2	91703-0003	91999-3468	A	A	NONE																	
A	91999-2787	91703-0002	93002-4027	NATURAL	1a 1b 2a 2b 3a 3b 5b 6b	01c d20 03c d30 04c 05c d60	1/2 5/6		NONE	91703-0003	91999-3467	A	A	NONE																	
	1b_frame_A1_P_AM.T	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1											
	Rev. E 2006/04/15																														

see sheet 1
EC NO: IPG2017-0474
DRAWN:ZGRAMER
CHKD:
APPR:BRITTLE
REV

2016/11/15
2016/11/22
DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.1 ± ---
1 PLACE ± 0.2 ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
B.RUTTLE 2006/10/04
CHECKED BY DATE
T. TOURSH 2006/10/04
APPROVED BY DATE
BMAGUIRE 2006/10/04
MATERIAL NO.
SEE CHART
SIZE 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION

RAST 5 VERT HDR
PA 66 HOUSING

MOLEX INCORPORATED
DOCUMENT NO.
SD-91999-001
SHEET NO.
7 OF 10

NOTES:

* SEE SHEET 1 NOTE 4

see sheet 1 EC NO: PG2007-0474 DRAWN BY: ZRAMER CHKD: APPROVED BY: BRUTTE BN	2016/11/15 2016/11/22 DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY B. RUTILE	DATE 2006/10/04	RAST 5 VERT HDR PA 66 HOUSING			
			4 PLACES ± ---	± ---	CHECKED BY T. TOURSH	DATE 2006/10/04				
			3 PLACES ± ---	± ---	APPROVED BY BMAGUIRE	DATE 2006/10/04	MOLEX INCORPORATED			
			2 PLACES ± 0.1	± ---	MATERIAL NO.					
			1 PLACE ± 0.2	± ---	ANGULAR ± 2 °		SEE CHART		SD-91999-001	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

8 CIRCUIT								SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS				P.C.B. POLARISATION 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 DKT	TERM NO. (SILVER)	PART NO. (SILVER)																			
91999-4250	91703-0002	93002-6010	NATURAL	08b	01c 07b 04c 04d 05c 07a 04c 06a 07c 07a 08c 08a	2/3	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td></tr></table>	1	2	3	4	5	6	7	8	a	b	c	d	e	f	g	h	NONE	91703-0003	91999-4999	A	A	NONE
1	2	3	4	5	6	7	8																						
a	b	c	d	e	f	g	h																						
91999-4251	91703-0002	93002-6011	NATURAL	1a 4b 5a 6b 7b 8a	04d 06d 07c 08a	1/2 3/4 5/6 7/8	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td></tr></table>	1	2	3	4	5	6	7	8	a	b	c	d	e	f	g	h	NONE	91703-0003	91999-4998	A	A	NONE
1	2	3	4	5	6	7	8																						
a	b	c	d	e	f	g	h																						
91999-4252	91703-0002	93002-6012	NATURAL	all	02d 03c 06d 07c	1/2 7/8	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td></tr></table>	1	2	3	4	5	6	7	8	a	b	c	d	e	f	g	h	2 4 8	91703-0003	91999-4997	A	A	NONE
1	2	3	4	5	6	7	8																						
a	b	c	d	e	f	g	h																						
91999-4253	91703-0002	93002-6013	NATURAL	1a 2a 3a 4b 5a 5b 6b 7b 8b	01c 03c 06d 07c	1/2 3/4 5/6 7/8	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td></tr></table>	1	2	3	4	5	6	7	8	a	b	c	d	e	f	g	h	NONE	91703-0003	91999-4996	A	A	NONE
1	2	3	4	5	6	7	8																						
a	b	c	d	e	f	g	h																						

SEE SHEET 1

EC NO: PG2017-0474

DRWN:ZGRMER 2016/11/15

CHKD:

APPR:BRUTTE

2016/11/22

BN

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.1 ± ---

1 PLACE ± 0.2 ± ---

0 PLACE ± ±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE CHART

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

RAST 5 VERT HDR

PA 66 HOUSING

molex

DOCUMENT NO.

SD-91999-001

SHEET NO.

9 OF 10

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

PARTS OFFERING PACKAGING OPTION 'D'

TO REQUEST A NEW P/N OFFERING OPTION 'D' CONTACT ENGINEERING DEPARTMENT

FOR KEYING AND TERMINAL INFORMATION, LOOKUP 'MADE-FROM' PART NUMBER IN APPLICABLE TABLE

REFER TO PK-90858-001

2 CIRCUIT		3 CIRCUIT		4 CIRCUIT		5 CIRCUIT		6 CIRCUIT		7 CIRCUIT		8 CIRCUIT	
OPTION 'D' PART NO.	MADE FROM	OPTION 'D' PART NO.	MADE FROM	OPTION 'D' PART NO.	MADE FROM	OPTION 'D' PART NO.	MADE FROM	OPTION 'D' PART NO.	MADE FROM	OPTION 'D' PART NO.	MADE FROM	OPTION 'D' PART NO.	MADE FROM
91999-9500	91999-0003	91999-9600	91999-0502										

SEE SHEET 1
SEC NO: PG2017-0474
DRAWN:ZCRAMER 2016/11/15
CHKD:
BN

2016/11/22
APPR:BRUTTLE
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.1 ± ---
1 PLACE ± 0.2 ± ---
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ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
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DIMENSION STYLE
MM ONLY
DRAWN BY DATE
B. RUTTLE 2006/10/04
CHECKED BY DATE
T. TOURSH 2006/10/04
APPROVED BY DATE
BMAGUIRE 2006/10/04
MATERIAL NO.
SEE TABLES

SCALE 1:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE
RAST 5 VERT HDR
PA 66 HOUSING
molex
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