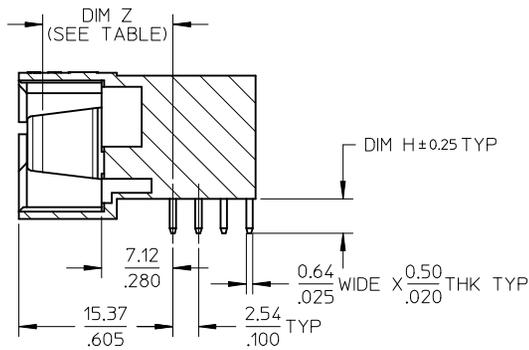
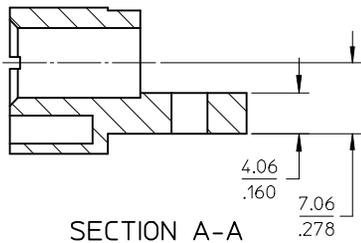


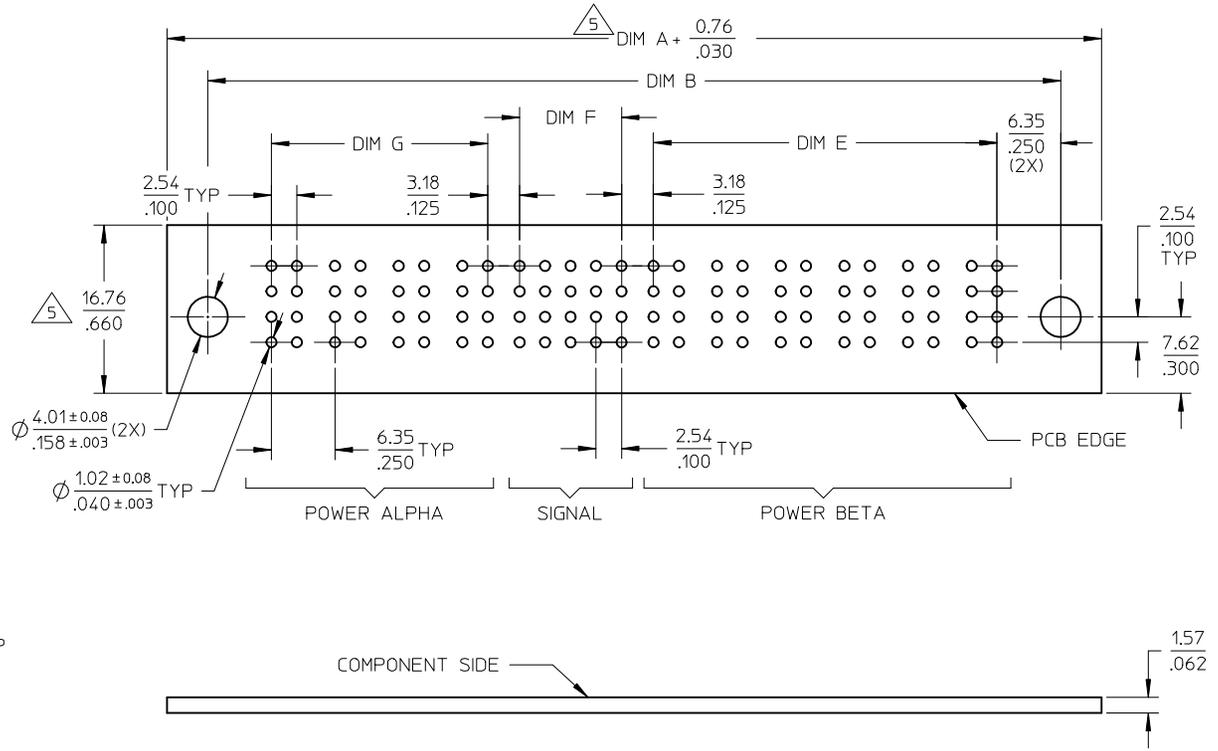
SECTION C-C



SECTION B-B



SECTION A-A



RECOMMENDED PCB LAYOUT

ADD P/N 87631-3050 EC NO: S2009-0538 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2009/02/09 2009/02/09 2009/02/13	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			$\nabla=0$ $\square=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM/IN	NTS	METRIC		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: BHLW DATE: 2002/11/25 CHECKED BY: PTLIM DATE: 2002/11/26 APPROVED BY: SKTOH DATE: 2002/11/27	TITLE	POWER CONNECTOR HEADER P(A)-S-P(B) CONFIG. R/A, T/H, SCREW-MOUNT		
				SEE TABLE	MATERIAL NO. SKTOH	MOLEX INCORPORATED DOCUMENT NO. SD-87631-013	SHEET NO.	2 OF 4	

10		9		8		7		6		5		4		3		2		1	
PART NUMBER	P-S-P CONFIGURATION			DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	POWER BLADE OPTIONS		STANDARD SIGNAL		RECESSED SIGNAL PIN		VOID SIGNAL LOCATION	PACKAGING
	POWER ALPHA	SIGNAL	POWER BETA									TYPE	DIM Z ±0.13/.005	PIN LENGTH	LENGTH	LOCATION			
87631-3000	3	24	5	82.54 3.250	74.93 2.950	73.65 2.900	59.69 2.350	27.94 1.100	12.70 .500	15.24 .600	3.43 .135	SHORT CONTACT	13.32 / .524	5.59 / .220	4.32/.170		NIL		TRAY
87631-3001	6	20	4	92.71 3.350	85.10 3.350	83.82 3.300	69.86 2.750	21.59 .850	10.16 .400	34.29 1.350							C2		TRAY
87631-3002	4	24	4	82.54 3.250	74.93 2.950	73.65 2.900	59.69 2.350	21.59 .850	12.70 .500	21.59 .850							A1		TRAY
87631-3003	3	24	3	69.84 2.750	62.23 2.450	60.95 2.400	46.99 1.850	15.24 .600	12.70 .500	15.24 .600							NIL		TRAY
87631-3004	2	24	2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .500	8.89 .350							NIL		TRAY
87631-3006	2	32	2	62.23 2.450	54.61 2.150	53.34 2.100	39.37 1.550	8.89 .350	17.78 .700	8.89 .350							NIL		TRAY
87631-3008	2	24	2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .500	8.89 .350							B4		TRAY
87631-3009	2	24	4	69.84 2.750	62.23 2.450	60.95 2.400	46.99 1.850	21.59 .850	12.70 .500	8.89 .350							B4		TRAY
87631-3010	4	24	6	95.24 3.750	87.63 3.450	86.35 3.400	72.39 2.850	34.29 1.350	12.70 .500	21.59 .850							B4		TRAY
87631-3011	6	24	5	101.59 4.000	93.98 3.700	92.70 3.650	78.74 3.100	27.94 1.100	12.70 .500	34.29 1.350							A3, B6, C3, D5		TRAY
87631-3013	4	24	2	69.84 2.750	62.23 2.450	60.95 2.400	46.99 1.850	8.89 .350	12.70 .500	21.59 .850							C1		TRAY
87631-3020	1	16	1	39.37 1.550	31.75 1.250	30.48 1.200	16.51 .650	2.54 .100	7.62 .300	2.54 .100		LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220		B1	NIL	TRAY
87631-3015	4	20	4	80.00 3.150	72.39 2.850	71.11 2.800	57.15 2.250	21.59 .850	10.16 .400	21.59 .850							B3		TRAY
87631-3021	6	24	5	101.59 4.000	93.98 3.700	92.70 3.650	78.74 3.100	27.94 1.100	12.70 .500	34.29 1.350							A3, B6, C3, D5		TRAY
87631-3022	2	12	2	49.53 1.950	41.91 1.650	40.64 1.600	26.67 1.050	8.89 .350	5.08 .200	8.89 .350							B2 C3		TRAY
87631-3023	2	12	2	49.53 1.950	41.91 1.650	40.64 1.600	26.67 1.050	8.89 .350	5.08 .200	8.89 .350	2.34 .092						B1 C3		TRAY
87631-3024	1	12	1	36.83 1.450	29.21 1.150	27.94 1.100	13.97 .550	2.54 .100	5.08 .200	2.54 .100	3.43 .135						NIL		TRAY
87631-3028	2	24	2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .500	8.89 .350	3.43 .135						C6		TRAY
87631-3031	4	24	2	69.84 2.750	62.23 2.450	60.95 2.400	46.99 1.850	8.89 .350	12.70 .500	21.59 .850	3.43 .135						C1		TRAY
87631-3037	3	24	3	69.84 2.750	62.23 2.450	60.95 2.400	46.99 1.850	15.24 .600	12.70 .500	15.24 .600	3.43 .135						ALL EXCEPT A6,B1,C1		TRAY
87631-3038	4	16	2	64.77 2.550	57.16 2.250	55.88 2.200	41.92 1.650	8.89 .350	7.62 .300	21.59 .850	3.43 .135						A1,A2,A4,B1,B3 C2,C4,D1,D2,D3,D4		TRAY
87631-3041	2	24	2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .500	8.89 .350	3.43 .135						C3		TRAY

A ADD P/N 87631-3050 EC NO: S2009-0538 DRWN:SKANG CHYD:ATSEE APPR:MLONG 2009/02/09 2009/02/09 2009/02/13 DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE MM/IN DRAWN BY BHLW DATE 2002/11/25 CHECKED BY PTL IM DATE 2002/11/26 APPROVED BY SKTOH DATE 2002/11/27 MATERIAL NO. SEE TABLE	SCALE NTS TITLE POWER CONNECTOR HEADER P(A)-S-P(B) CONFIG. R/A, T/H, SCREW-MOUNT MOLEX INCORPORATED DOCUMENT NO. SD-87631-013	DESIGN UNITS METRIC THIRD ANGLE PROJECTION	SHEET NO. 3 OF 4
	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					
	C13					

PART NUMBER	P-S-P CONFIGURATION			DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	POWER BLADE OPTIONS		STANDARD SIGNAL PIN LENGTH	RECESSED SIGNAL PIN		VOID SIGNAL LOCATION		PACKAGING
	POWER ALPHA	SIGNAL	POWER BETA									TYPE	DIM Z ± 0.13/.005		LENGTH	LOCATION	SIGNAL LOCATION		
87631-3042	2	16	2	52.07 2.050	44.45 1.750	43.18 1.700	29.21 1.150	8.89 .350	7.62 .300	8.89 .350	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	B3,C4	NIL	TRAY	
87631-3043	7	28	7	123.19 4.850	115.57 4.550	114.30 4.500	100.33 3.950	40.64 1.600	15.24 .600	40.64 1.600	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	B4,C4		TRAY	
87631-3044	7	28	7	123.19 4.850	115.57 4.550	114.30 4.500	100.33 3.950	40.64 1.600	15.24 .600	40.64 1.600	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	NIL		TRAY	
87631-3045	6	28	4	97.79 3.850	90.17 3.550	88.90 3.500	74.93 2.950	21.59 .850	15.24 .600	34.29 1.350	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	A1	A7,B7,C7,D7	TRAY	
87631-3046	6	24	4	95.25 3.750	87.63 3.450	86.36 3.400	72.39 2.850	21.59 .850	12.70 .500	34.29 1.350	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	A1	NIL	TRAY	
87631-3047	2	24	2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .500	8.89 .350	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	A6,B6,C6,D6		TRAY	
87631-3048	2	16	2	52.07 2.050	44.45 1.750	43.18 1.700	29.21 1.150	8.89 .350	7.62 .300	8.89 .350	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	A2,D4	A1,B2,C2,D1	TRAY	
87631-3049	4	24	4	82.54 3.250	74.93 2.950	73.65 2.900	59.69 2.350	21.59 .850	12.70 .500	21.59 .850	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	A6	NIL	TRAY	
87631-3050	2	24	2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .500	8.89 .350	3.43 .135	LONG CONTACT	14.12 / .556	6.86 / .270	5.59/.220	A5	NIL	TRAY	

ADD P/N 87631-3050 EC NO: S2009-0538 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2009/02/09 2009/02/09 2009/02/13	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			$\nabla = 0$ $\square = 0$	mm INCH	MM/IN	NTS	METRIC	DRAWN BY: BHLW DATE: 2002/11/25 CHECKED BY: PTLIM DATE: 2002/11/26 APPROVED BY: SKTOH DATE: 2002/11/27	TITLE	POWER CONNECTOR HEADER P(A)-S-P(B) CONFIG. R/A, T/H, SCREW-MOUNT
				4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	SEE TABLE	MOLEX INCORPORATED SD-87631-013	SHEET NO. 4 OF 4			
			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						