



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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



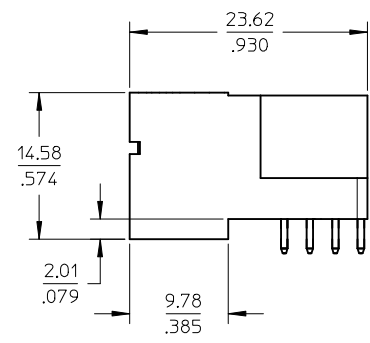
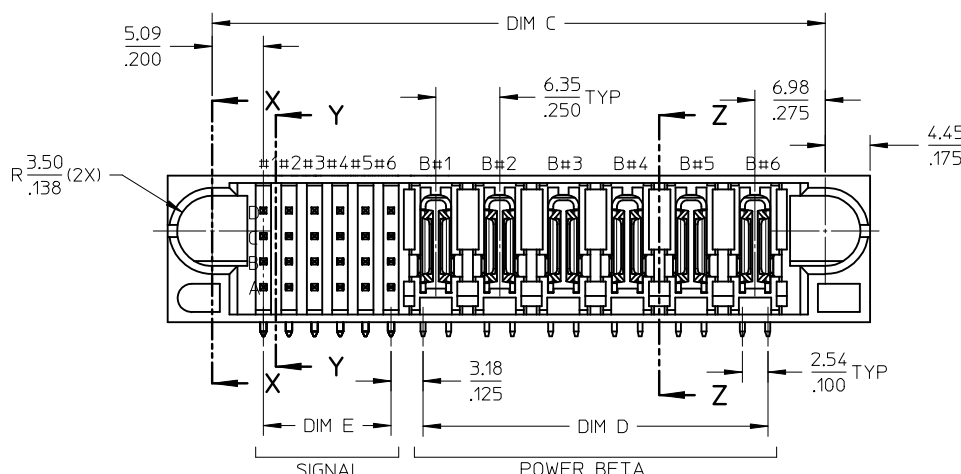
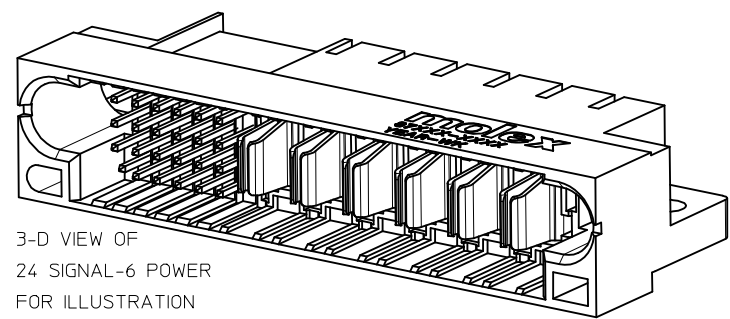
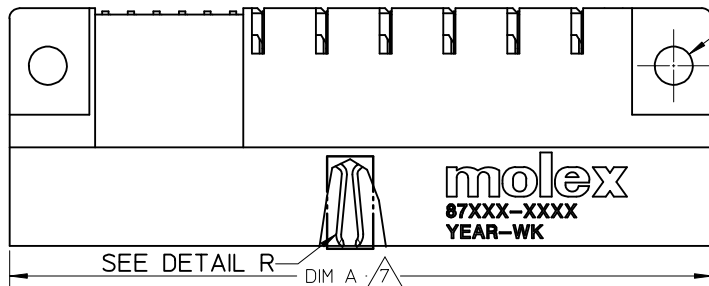
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

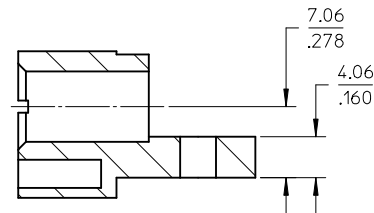




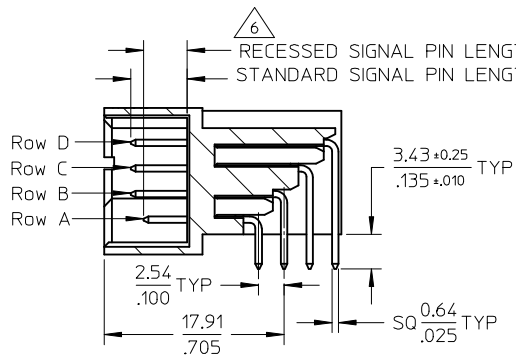
NOTES:

- 1 MATERIALS : HOUSING - LCP
GLASS FILLED, UL94V-0, COLOR: BLACK
POWER PINS - COPPER ALLOY
SIGNAL PINS - COPPER ALLOY
BOARD LOCK - COPPER ALLOY
- 2 FINISHES: POWER AD SIGNAL PINS
SELECTIVE GOLD IN THE CONTACT AREA
THICKNESS = 0.76 MICROMETER / 30 MICROINCH MINIMUM
SELECTIVE TIN IN THE PC TAIL AREA
THICKNESS = 2.54 MICROMETER / 100 MICROINCH MINIMUM
1.27um MINIMUM NICKEL OVERALL UNDERPLATE.
- 3 PRODUCT SPECIFICATIONS : PS-87631-006
- 4 SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT AND THICKNESS
- 5 COMPONENT STAY AWAY ZONE FROM CONNECTOR
- 6 REFER TO THE TABLE ON TOP OF PAGE 3/3 FOR RECESSED PINS LOCATION
- 7 24 SIGNAL - 6 POWER CONNECTOR IS SHOWN FOR ILLUSTRATION

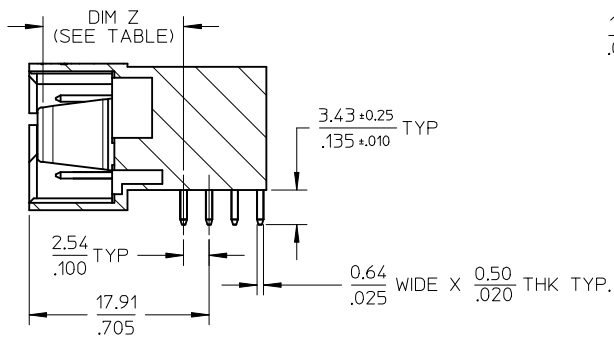
ADD P/N: 87667-4019 EC NO: S2012-0166 DRWN:SKANG 2011/08/29 CHKD:ATSEE 2011/12/19 APPR:MLONG 2011/12/22 D7	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY BHLOW	DATE 2002/11/20	TITLE EXTREME POWERPLUS S-P(B) HEADER R/A, T/H, SCREW-MOUNT					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± .010	PTL IM	2002/11/26	MOLEX INCORPORATED					
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE						
			1 PLACE	± ---	± ---	SKTOH	2002/11/27	SD-87667-010					
			ANGULAR ± 3 °				MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE						
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



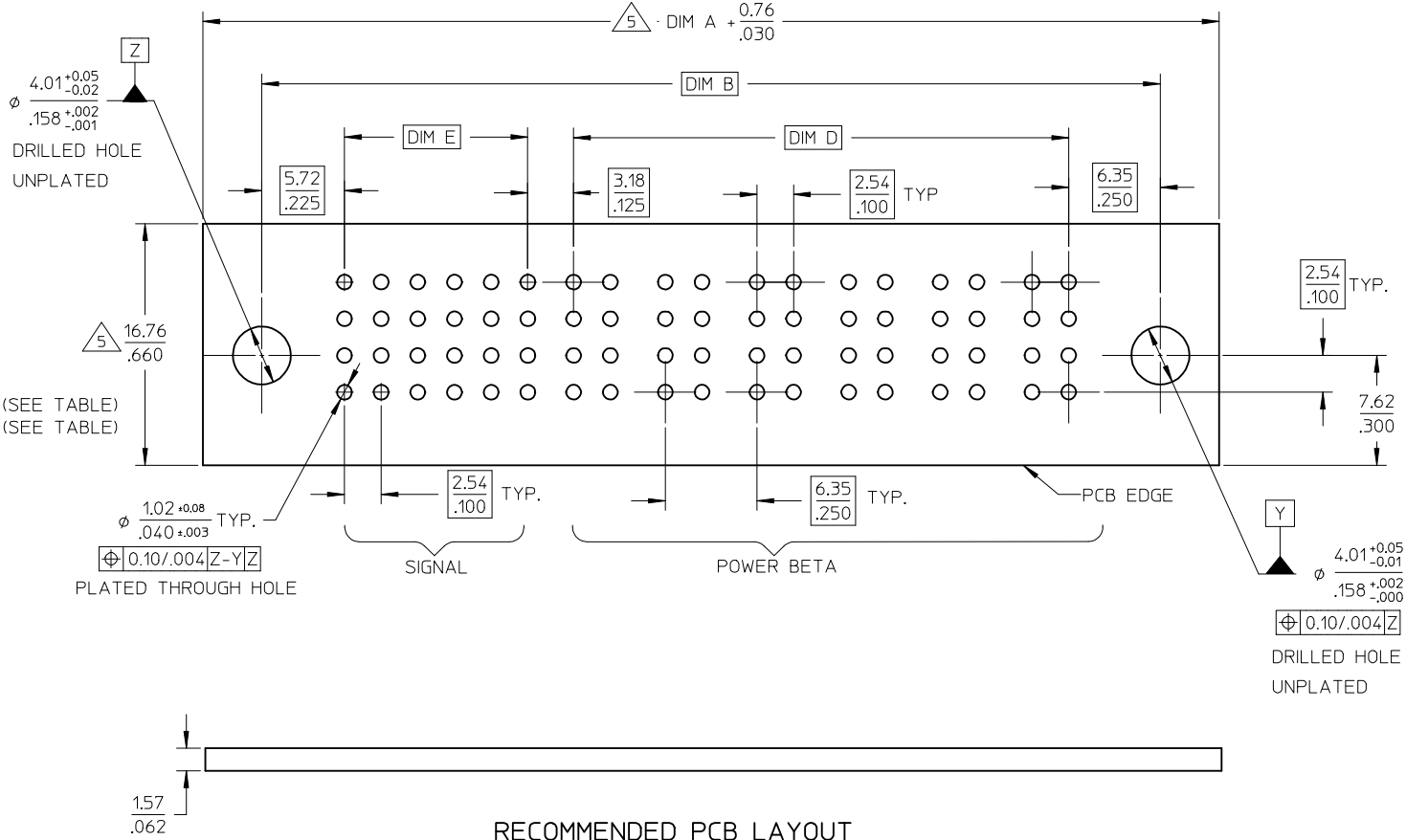
SECTION X-X



SECTION Y-Y



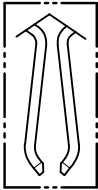
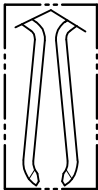
SECTION Z-Z



RECOMMENDED PCB LAYOUT

ADD P/N: 87667-4019 EC NO: S2012-0166 DRWN:SKANG CHKD:ATSEE APPR:MLONG REV D7	QUALITY SYMBOLS =0 =0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY	DATE	TITLE	EXTREME POWERPLUS S-P(B) HEADER R/A, T/H, SCREW-MOUNT MOLEX INCORPORATED	
					BHLOW	2002/11/20			
					CHECKED BY	DATE			
					PTLIM	2002/11/26			
					APPROVED BY	DATE			
SKTOH	2002/11/27	molex							
ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87667-010		2 OF 3			
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

	10		9		8			7		6		5		4		3		2		1		
	PART NUMBER	S-P CONFIGURATION SIGNAL POWER BETA	DIM A	DIM B	DIM C	DIM D	DIM E	POWER BLADE OPTIONS		STANDARD SIGNAL		RECESSED SIGNAL PIN		VOID PIN LOCATION	VOID POWER LOCATION	PACKAGING						
								TYPE	DIM Z ±0.13/.005	PIN LENGTH		LENGTH	LOCATION									
F	87667-4002	24	6	69.85 2.750	62.23 2.450	60.96 2.400	34.29 1.350	12.70 .500	SHORT CONTACT	13.32 / .524	5.59 / .220	4.32 / .170	NIL	NIL	NIL	TRAY						
	87667-4004	16	4	52.07 2.050	44.45 1.750	43.18 1.700	21.59 .850	7.62 .300	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	A1	NIL	NIL	TRAY						
	87667-4005	24	6	69.85 2.750	62.23 2.450	60.96 2.400	34.29 1.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	A1, A2 B1, B2 C1, C2 D1, D2	NIL	NIL	TRAY						
E	87667-4006	24	6	69.85 2.750	62.23 2.450	60.96 2.400	34.29 1.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	NIL	NIL	NIL	TRAY						
	87667-4007	24	10	95.25 3.750	87.63 3.450	86.36 3.400	59.69 2.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	NIL	NIL	NIL	TRAY						
	87667-4008	24	8	82.55 3.250	74.93 2.950	73.66 2.900	46.99 1.850	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	NIL	NIL	NIL	TRAY						
D	87667-4009	24	12	107.95 4.250	100.33 3.950	99.06 3.900	72.39 2.850	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	NIL	NIL	NIL	TRAY						
	87667-4010	24	8	82.55 3.250	74.93 2.950	73.66 2.900	46.99 1.850	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	B4	NIL	NIL	TRAY						
	87667-4011	24	6	69.85 2.750	62.23 2.450	60.96 2.400	34.29 1.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	A1	NIL	NIL	TRAY						
C	87667-4012	24	6	69.85 2.750	62.23 2.450	60.96 2.400	34.29 1.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	B4	NIL	NIL	TRAY						
	87667-4013	20	4	54.61 2.150	46.99 1.850	45.72 1.800	21.59 .850	10.16 .400	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	A1, A5	A4,B4 C4,D4	NIL	TRAY						
	87667-4014	20	6	67.31 2.650	59.69 2.350	58.42 2.300	34.29 1.350	10.16 .400	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	B4	NIL	NIL	TRAY						
	87667-4015	24	6	69.85 2.750	62.23 2.450	60.96 2.400	34.29 1.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	A1 B5 C5 D5	NIL	NIL	TRAY						
	87667-4017	24	7	76.20 3.000	68.58 2.700	67.31 2.650	40.64 1.600	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	NIL	NIL	NIL	TRAY						
	87667-4019	24	10	95.25 3.750	87.63 3.450	86.36 3.400	59.69 2.350	12.70 .500	LONG CONTACT	14.12 / .556	6.86 / .270	5.59 / .220	NIL	NIL	B#1	TRAY						

  SHORT BLADE OPTION LONG BLADE OPTION DETAIL R (SEE TABLE FOR BLADE OPTION)	ADD P/N: 87667-4019 EC NO: S2012-0166 2011/08/29 DRWN:SKANG 2011/12/19 CHKD:ATSEE 2011/12/22 APPR:MLONG REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <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>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 3 °</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	ANGULAR ± 3 °			DIMENSION STYLE MM/IN <table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>BHLOW</td> <td>2002/11/20</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>PTLIM</td> <td>2002/11/26</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>SKTOH</td> <td>2002/11/27</td> </tr> </table>	DRAWN BY	DATE	BHLOW	2002/11/20	CHECKED BY	DATE	PTLIM	2002/11/26	APPROVED BY	DATE	SKTOH	2002/11/27	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	EXTREME POWERPLUS S-P(B) HEADER R/A, T/H, SCREW-MOUNT	MOLEX INCORPORATED	SHEET NO. 3 OF 3
					mm	INCH																																		
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