



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!



Contact us

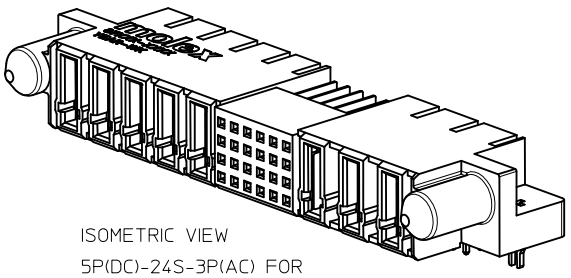
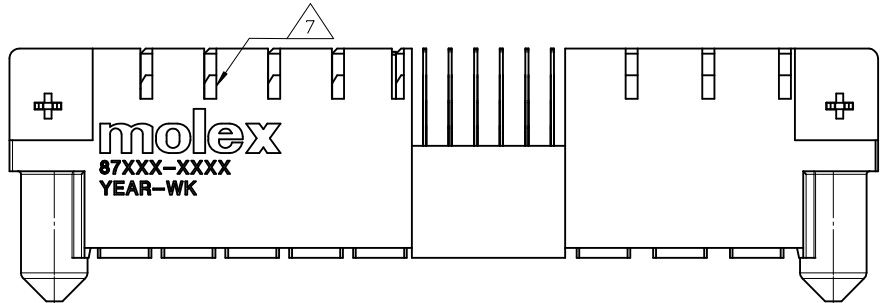
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

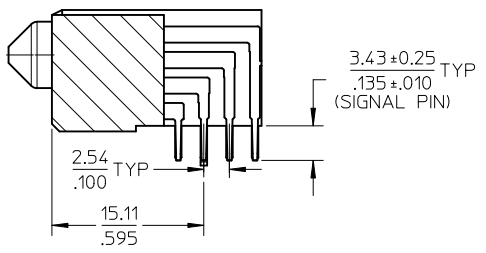
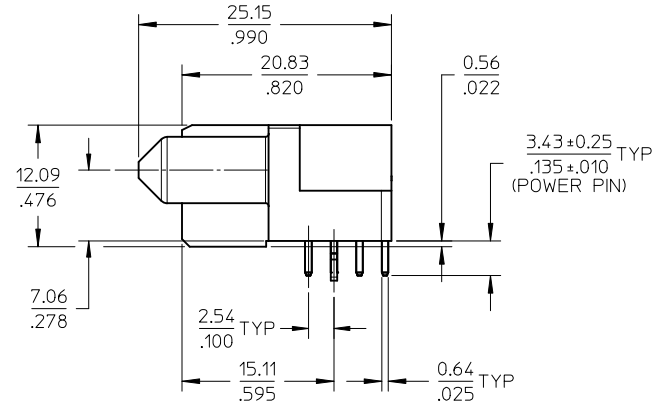
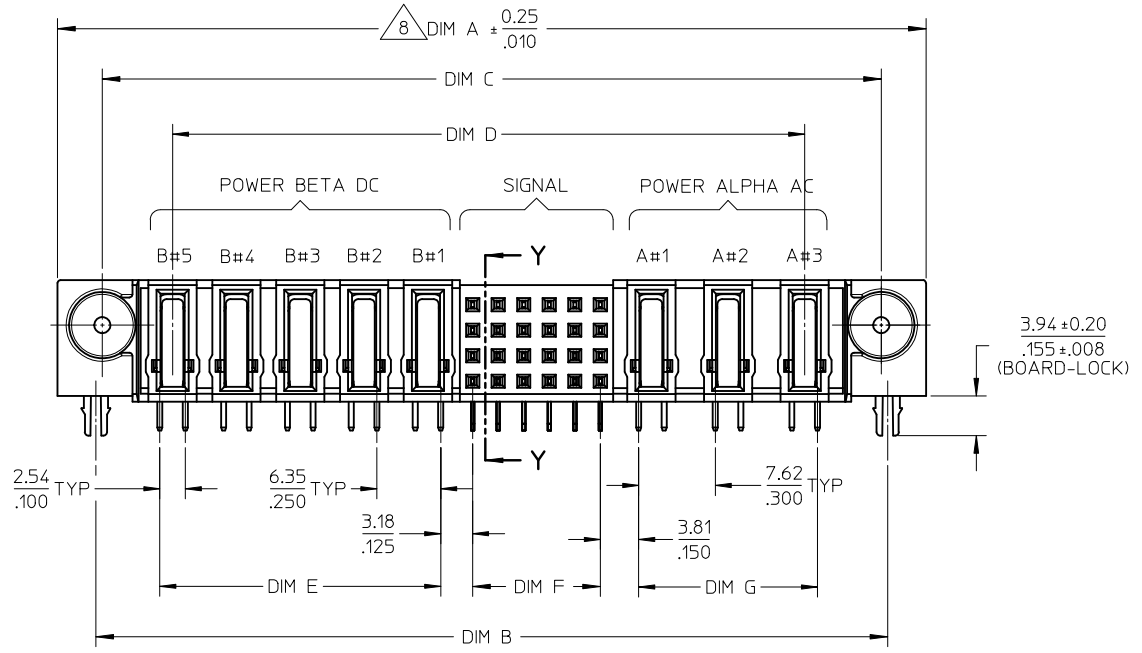
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



10 9 8 7 6 5 4 3 2 1



ISOMETRIC VIEW
5P(DC)-24S-3P(AC) FOR
ILLUSTRATION ONLY



SECTION Y-Y

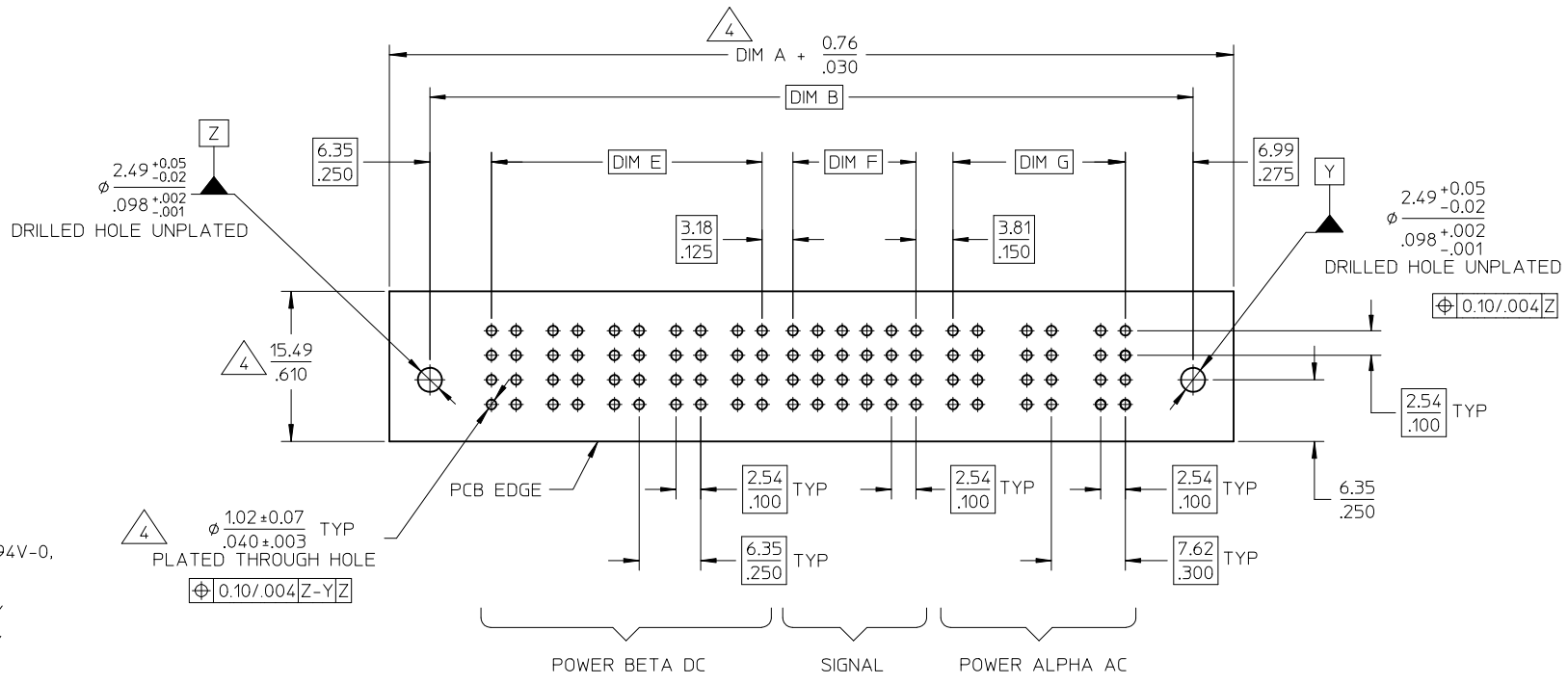
UPDATE VIEWS IEC NO: S2011-0093 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2010/08/31	QUALITY SYMBOLS ▽=0 ∇=0
	2010/09/14	
REV	DESCRIPTION	
D1		

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES ± .005	± .005
	3 PLACES ± .010	± .010
	2 PLACES ± 0.13	± .010
	1 PLACE ± 0.25	± .010
	ANGULAR ± 3°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM/IN	
DRAWN BY BHLW	DATE 2002/11/20
CHECKED BY PTLIM	DATE 2002/11/26
APPROVED BY MLONG	DATE 2010/09/16
MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87664-011

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE EXTREME POWERPLUS RECEPT P(A)AC-S-P(B)DC CONFIG. R/A, T/H, BOARD-LOCK		
MOLEX INCORPORATED		SHEET NO. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9 8 7 6 5 4 3 2 1





NOTES:

1. MATERIALS:-
HOUSING - LCP, GLASS FILLED, UL94V-0, COLOUR: BLACK.
SIGNAL TERMINAL - COPPER ALLOY
POWER TERMINAL - COPPER ALLOY
2. FINISH :-
SIGNAL & POWER CONTACTS
0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND
2.54 MICROMETER MINIMUM TIN AT SOLDERTAIL AREA
OVER 1.27 MICROMETER MINIMUM NICKEL (Ni) UNDERPLATE.
3. PRODUCT SPECIFICATION : PS-87663-006.
4. COMPONENT STAY AWAY FROM CONNECTOR.
5. PCB NOTE FOR DIAMETER 1.02/.040 PLATED HOLE.
- DRILLED HOLE SIZE IS 1.15/ .0453.
- PLATE WITH 0.007 / .0003 MINIMUM TIN OVER 0.03/.001 TO 0.08/.003 COPPER PLATING TO ACHIEVE 1.02±0.07/.040±.003 HOLE.
6. ALL TERMINAL TIPS ARE DESIGNED WITH EXPOSE BASE COPPER.
THIS IS CREATED BY FINAL CUTTING PROCESS AFTER PLATING.
7. MANUFACTURING LOGO, PART NUMBER AND YEAR-WEEK CODE.
8. 5P(DC)-24S-3P(AC) IS SHOWN FOR ILLUSTRATION.
CONNECTOR CONFIGURATION IS AVAILABLE UP TO 203MM/8INCH.
PLEASE CONTACT MOLEX SALES PERSONNEL FOR OTHER CONFIGURATION AND OPTION NEEDED.

RECOMMENDED PCB LAYOUT

UPDATE VIEWS IEC NO: S2011-0093 DRWN:SKANG 2010/08/31 CHKD:ATSEE 2010/09/14 APPR:MLONG 2010/09/24	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .005	2 PLACES ± 0.13 ± .010	1 PLACE ± 0.25 ± ---	ANGULAR ± 3 °	DRAWN BY BHLW	DATE 2002/11/20	TITLE EXTREME POWERPLUS RECEPT P(A)AC-S-P(B)DC CONFIG. R/A, T/H, BOARD-LOCK
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	APPROVED BY MLONG	DATE 2010/09/16	MOLEX INCORPORATED	
						SEE TABLE	DOCUMENT NO. SD-87664-011		SHEET NO. 2 OF 3

PART NUMBER	P-S-P CONFIGURATION			DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	RECESSED POWER PIN LOCATION		PACKAGING
	POWER BETA DC	SIGNAL	POWER ALPHA AC								A	B	
87664-2000	5	24	3	86.36 3.400	78.74 3.100	77.47 3.050	62.88 2.475	27.94 1.100	12.70 .500	17.78 .700	A 2, 3 B 1, 2, 3, 4, 5	TRAY	
87664-2001	6	24	3	92.71 3.650	85.09 3.350	83.82 3.300	69.23 2.725	34.29 1.350	12.70 .500	17.78 .700	A 2, 3 B 1, 2, 3, 4, 5, 6	TRAY	

UPDATE VIEWS EC NO: S2011-0093 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2010/08/31 2010/09/14 2010/09/24	QUALITY SYMBOLS  = 0  = 0.05	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .0010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .010	± .0010	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM/IN DRAWN BY: BHLW DATE: 2002/11/20 CHECKED BY: PTLIM DATE: 2002/11/26 APPROVED BY: MLONG DATE: 2010/09/16	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: EXTREME POWERPLUS RECEPT P(A)AC-S-P(B)DC CONFIG. R/A, T/H, BOARD-LOCK MOLEX INCORPORATED
		mm	INCH																	
	4 PLACES	± .005	± .0005																	
	3 PLACES	± .010	± .0010																	
2 PLACES	± 0.13	± .010																		
1 PLACE	± 0.25	± .010																		
D1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.: SEE TABLE DOCUMENT NO.: SD-87664-011 SHEET NO.: 3 OF 3																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				