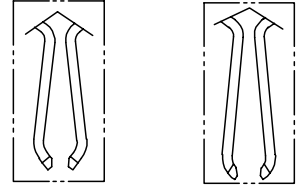
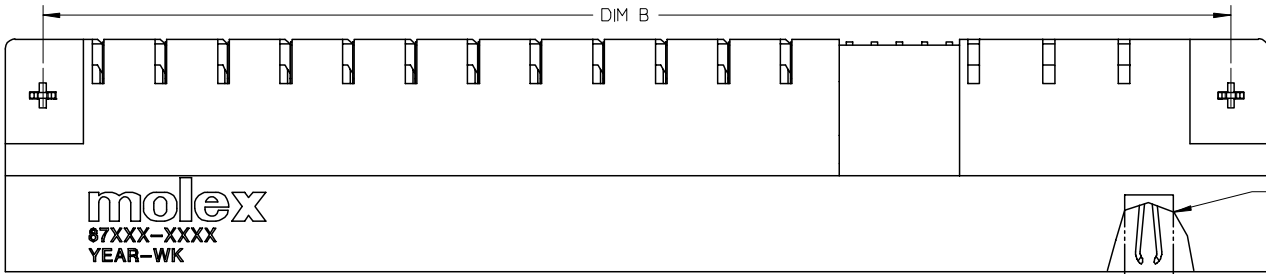
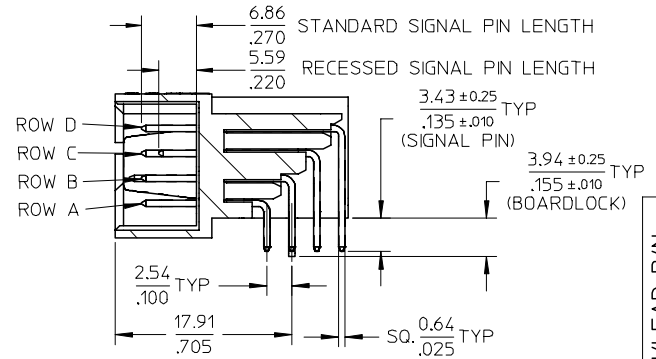
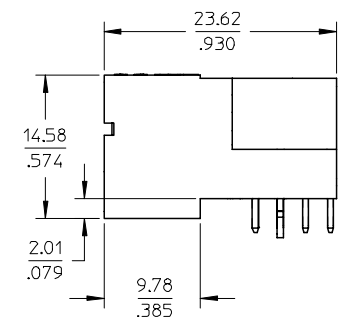
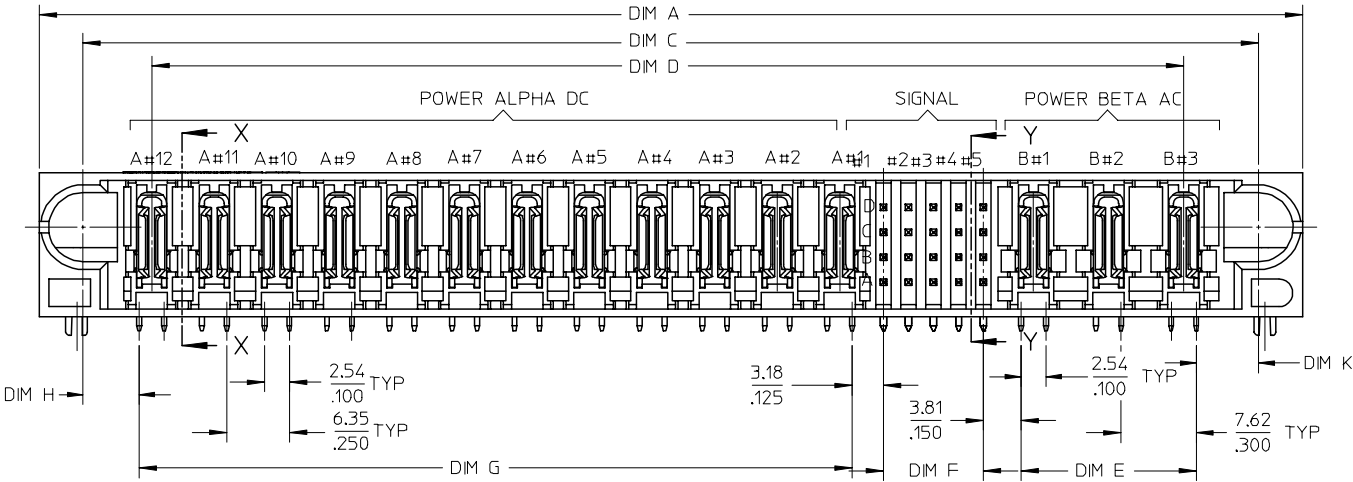


10 9 8 7 6 5 4 3 2 1



SHORT BLADE OPTION LONG BLADE OPTION  
**DETAIL R**  
 (SEE TABLE FOR BLADE OPTION)



OBS	TIN/LEAD P/N	2006/04/03
EC NO:	S2006-0767	2006/04/03
DRWN:	M.LONG	2006/04/03
CHKD:	MAGESHKH	2006/04/03
APPR:	PTL IM	2006/04/06
REV	DESCRIPTION	
D		

QUALITY SYMBOLS	$\nabla=0$ $\triangle=0$
-----------------	-----------------------------

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH	
	4 PLACES	± .010	± .0005
	3 PLACES	± .025	± .0010
	2 PLACES	± .050	± .0020
	1 PLACE	± .125	± .0050
	ANGULAR ± 3°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		

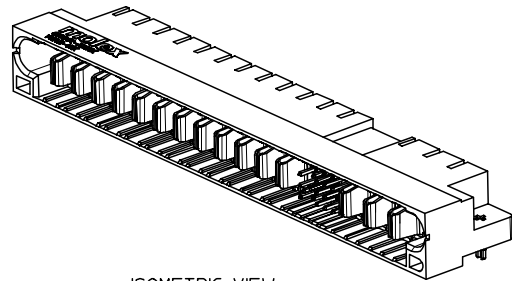
DIMENSION STYLE		MM/IN
DRAWN BY	DATE	TITLE
BHLOW	2003/10/02	DC/AC POWER CONN. HEADER P(DC)-S-P(AC) CONFIG. R/A, T/H, BOARD-LOCK
CHECKED BY	DATE	
PTL IM	2003/10/21	MOLEX INCORPORATED
APPROVED BY	DATE	
SKTOH	2003/10/21	DOCUMENT NO.
MATERIAL NO.	SEE TABLE	SD-87663-020
SIZE	A3	SHEET NO.
		1 OF 3

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	

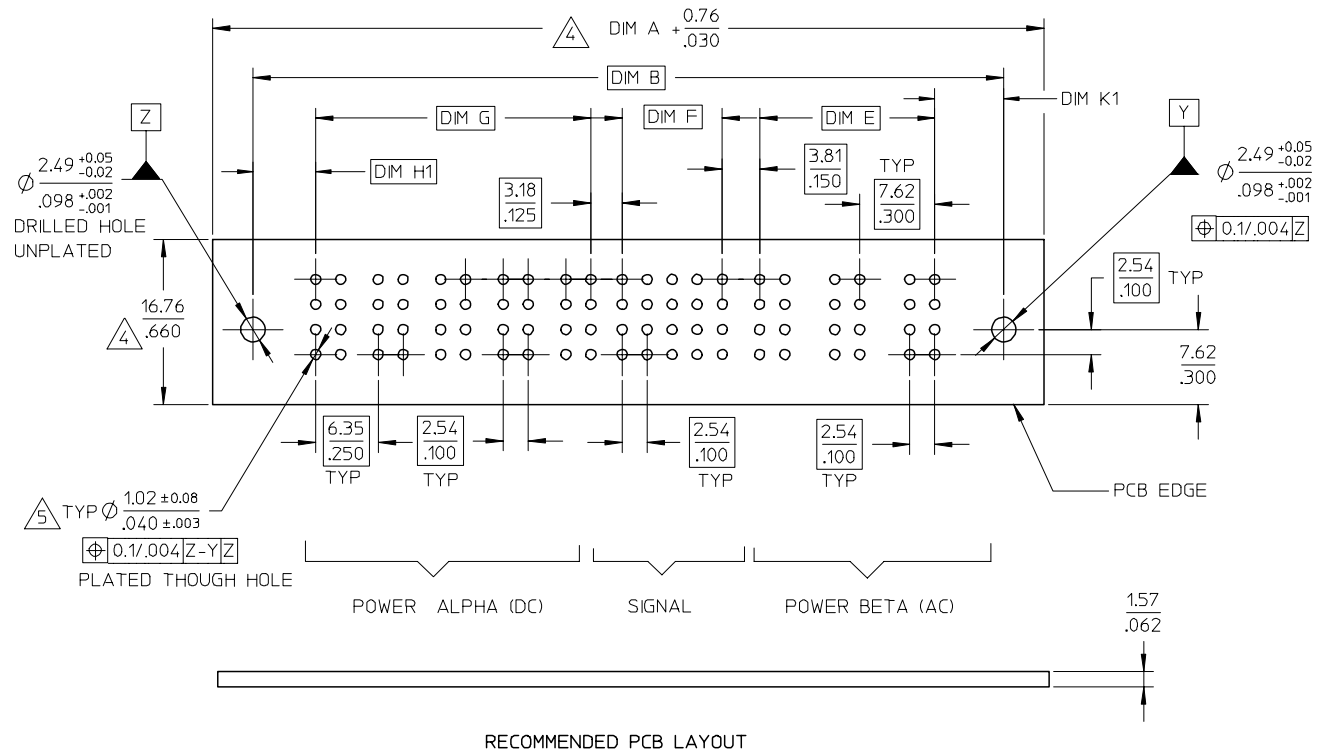
9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

F  
E  
D  
C  
B  
A



ISOMETRIC VIEW  
3P(AC)-24S-12P(DC) FOR ILLUSTRATION

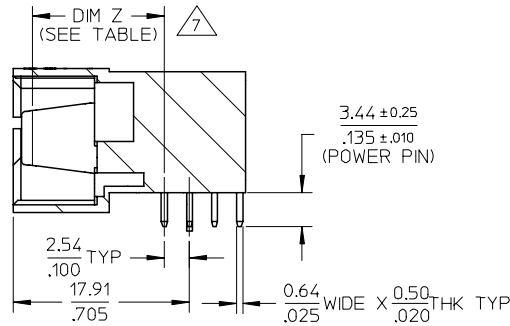


- NOTES:
- MATERIALS:-  
HOUSING - LCP, GLASS FILLED, UL94V-0. COLOUR: BLACK  
SIGNAL TERMINAL - COPPER ALLOY  
POWER TERMINAL - COPPER ALLOY
  - FINISH :-  
SIGNAL & POWER CONTACTS  
0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND  
2.54 MICROMETER MINIMUM TIN AT SOLDERTAIL AREA  
OVER 1.27 MICROMETER MINIMUM NICKEL (Ni) UNDERPLATE.
  - PRODUCT SPECIFICATION : PS-87663-006.
  - COMPONENT STAY AWAY FROM CONNECTOR.
  - 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±0.08/.040±.003 HOLE.
  - MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.
  - LONG AND SHORT CONTACT POWER BLADE OPTIONS ARE AVAILABLE  
FOR DIFFERENT CUSTOMERS REQUIREMENT.

OBS TIN/LEAD P/N EC NO: S2006-0767 DRWN:MLONG 2006/04/03 CHKD:RAGESHKN 2006/04/03 APPR:PTLIM 2006/04/06	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY BHLOW		DATE 2003/10/02		TITLE DC/AC POWER CONN. HEADER P(DC)-S-P(AC) CONFIG. R/A, T/H, BOARD-LOCK	
				CHECKED BY PTL IM		DATE 2003/10/21		MOLEX INCORPORATED	
				APPROVED BY SKTOH		DATE 2003/10/21		DOCUMENT NO. SD-87663-020	
D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SHEET NO. 2 OF 3			

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	DIM H1	DIM K	DIM K1	POWER BLADE OPTIONS		RECESSED SIGNAL PIN		VOID PIN LOCATION
	POWER ALPHA	DC SIGNAL	POWER BETA AC												DIM Z ±0.13/.005	LOCATION	LENGTH	LOCATION	
87663-2000	12	20	3	128.27 5.050	120.65 4.750	119.38 4.700	104.78 4.125	17.78 .700	10.16 .400	72.39 2.850	5.72 .225	6.35 .250	6.35 .250	6.99 .275	14.12 / .556	ALL	5.59/.220	A1,A3,C3 .D1,D2	NIL
87663-2001	8	12	3	97.79 3.850	90.17 3.550	88.90 3.500	74.30 2.925	17.78 .700	5.08 .200	46.99 1.850	5.72 .225	6.35 .250	6.35 .250	6.99 .275	14.12 / .556	ALL	NIL	NIL	NIL
87663-2002	1	32	3	64.14 2.525	56.52 2.225	55.25 2.175	42.55 1.675	17.78 .700	17.78 .700	2.54 .100	5.08 .200	5.72 .225	5.08 .200	5.72 .225	14.12 / .556	ALL	NIL	NIL	A5,B5,C5,D5 A6,B6,C6,D6 B7,C7 A8,B8,C8,D8



(TERMINAL LOCKING DETAIL NOT SHOWN)

SECTION X-X

OBS TIN/LEAD P/N EC NO: S2006-0767 DRWN:MLONG CHKD:NAGESHKN APPR:PTLIM	2006/04/03 2006/04/03 2006/04/06	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY BHLW	DATE 2003/10/02	TITLE DC/AC POWER CONN. HEADER P(DC)-S-P(AC) CONFIG. R/A, T/H, BOARD-LOCK				
			4 PLACES ± ---	± ---	PTL IM	DATE 2003/10/21						
			3 PLACES ± ---	± .010	APPROVED BY SKTOH	DATE 2003/10/21	DOCUMENT NO. SD-87663-020		SHEET NO. 3 OF 3			
			2 PLACES ± 0.25	± ---	MATERIAL NO.		MOLEX INCORPORATED					
			1 PLACE ± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			ANGULAR ± 3 °		SEE TABLE							