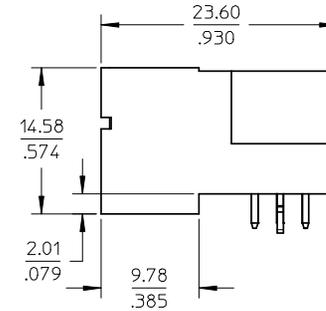


SHORT BLADE OPTION LONG BLADE OPTION

DETAIL R
(SEE TABLE FOR BLADE OPTION)



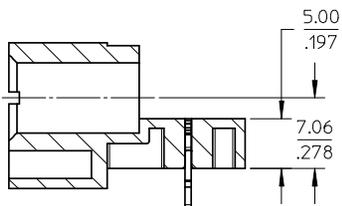
NOTES:

- 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 AND 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

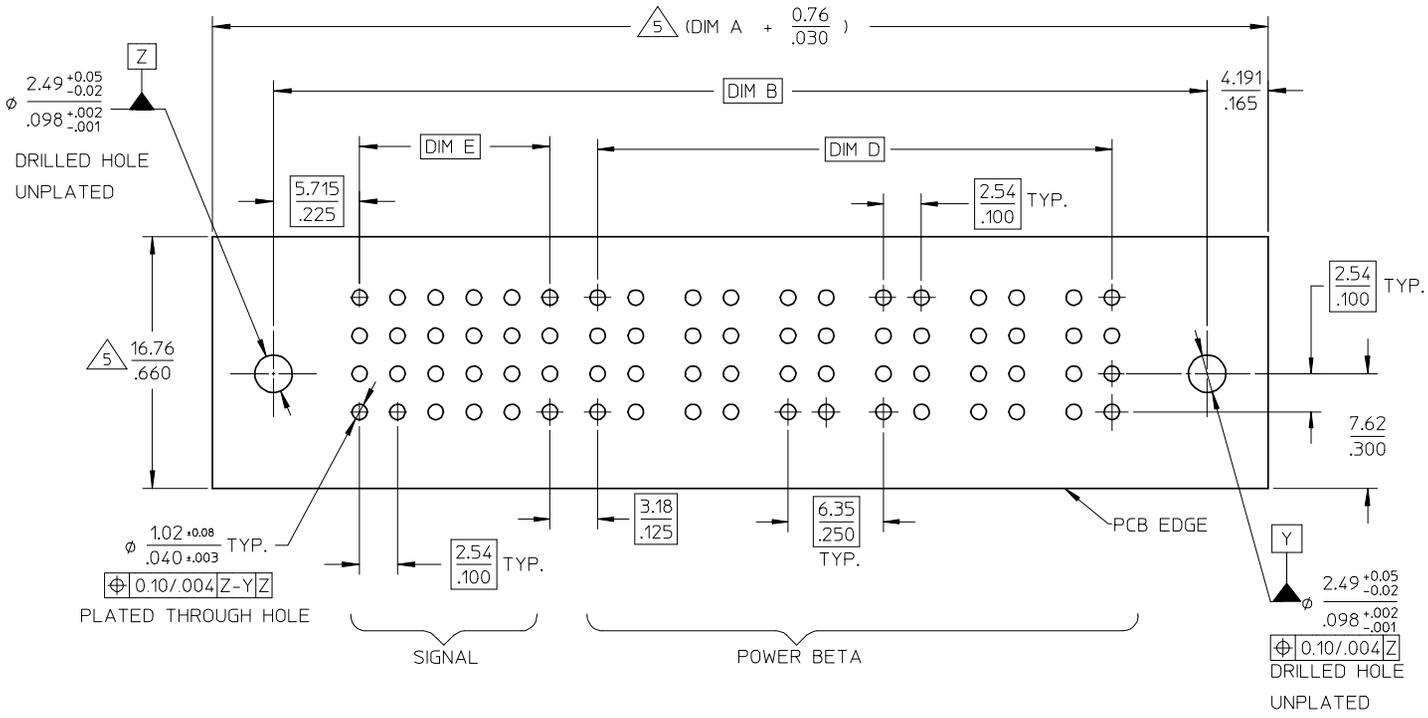
PDR#S-001742-00-00 EC NO: S2008-0558 DRWN:SKANG 2008/01/14 CHKD:ATSEE 2008/01/14 APPR:MLONG 2008/01/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	REV		mm	NTS	METRIC	

DATE	DATE	TITLE
2008/01/14	2002/10/28	POWER CONNECTOR PLUG S-P(B) CONFIGURATION R/A, T/H, BOARD-LOCK
DATE	DATE	
2008/01/14	2002/11/07	
DATE	DATE	
2008/01/14	2002/11/12	
MATERIAL NO.	DOCUMENT NO.	
	SD-87667-013	

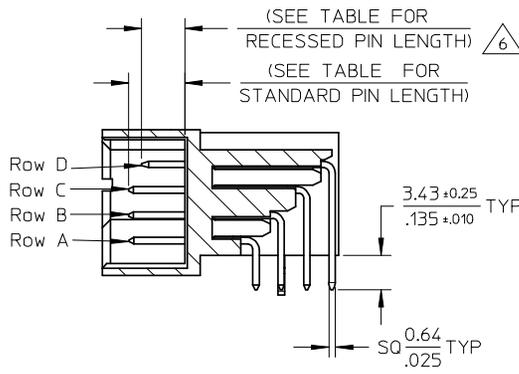
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
A3		



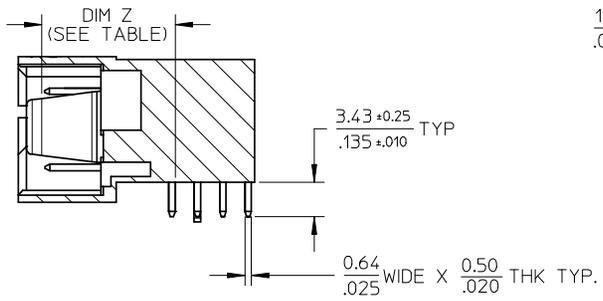
SECTION X-X



RECOMMENDED PCB LAYOUT



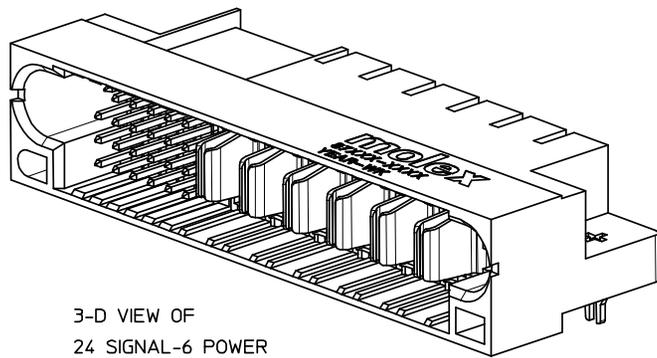
SECTION Y-Y



SECTION Z-Z

PDR#S-001742-00-00 EC NO: S2008-0558 DRW:SKANG 2008/01/14 CHKD:ATSEE 2008/01/14 APPR:MLONG 2008/01/14	QUALITY SYMBOLS ▽=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY BHLW	DATE 2002/10/28	TITLE POWER CONNECTOR PLUG S-P(B) CONFIGURATION R/A, T/H, BOARD-LOCK			
		3 PLACES ± --- ± .010		CHECKED BY PTLIM	DATE 2002/11/07	MOLEX INCORPORATED			
		2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---		APPROVED BY SKTOH	DATE 2002/11/12	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87667-013	SHEET NO. 2 OF 3	
		ANGULAR ± 3 °		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	

PART NUMBER	S-P CONFIGURATION		DIMENSIONS					POWER BLADE OPTIONS		STANDARD SIGNAL	RECESS SIGNAL		VOID PIN LOCATION	PACKAGING
	SIGNAL	POWER BETA	DIM A	DIM B	DIM C	DIM D	DIM E	TYPE	DIM Z±0.13/.005	PIN LENGTH	PIN LENGTH	LOCATION		
	87667-5001	24	14	120.65 4.750	113.03 4.450	111.76 4.400	85.09 3.350	12.70 .500	SHORT CONTACT	13.32/.524	5.59/.220	4.32/.170		
87667-5002	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	TRAY
87667-5003	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	TRAY
87667-5004	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	TRAY
87667-5005	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	NIL	NIL	TRAY
87667-5006	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	TRAY
87667-5010	24	4	57.15 2.250	49.53 1.950	48.26 1.900	21.59 .850	12.70 .500	LONG CONTACT	14.12/.556	6.86/.270	5.59/.220	NIL	NIL	TRAY
87667-5011	12	10	87.63 3.45	80.01 3.150	78.74 3.100	59.69 2.350	5.08 .200	LONG CONTACT	14.12/.556	6.86/.270	5.59/.220	NIL	NIL	TRAY
87667-5013	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	TRAY
87667-5014	32	14	125.73 4.950	118.11 4.650	116.84 4.600	85.09 3.350	17.78 .700	LONG CONTACT	14.12/.556	6.86/.270	5.59/.220	C1 TO C8 D1 TO D8	NIL	TRAY
87667-5015	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	A1,B5,C5	NIL	TRAY
87667-5016	24	4	57.15 2.250	49.53 1.950	48.26 1.900	21.59 .850	12.70 .500	LONG CONTACT	14.12/.556	6.86/.270	5.59/.220	D6	NIL	TRAY
87667-5017	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	C4	NIL	TRAY



3-D VIEW OF
24 SIGNAL-6 POWER
FOR ILLUSTRATION

PDR#S-001742-00-00 EC NO: S2008-0558 DRWN:SKANG 2008/01/14 CHYD:ATSEE 2008/01/14 APPR:MLONG 2008/01/14 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla = 0$ $\sphericalangle = 0$	mm INCH	MM/IN	NTS	METRIC		
		4 PLACES ± --- ± ---	BHLOW 2002/10/28	DRAWN BY DATE	TITLE	POWER CONNECTOR PLUG	
		3 PLACES ± --- ± .010	CHECKED BY DATE	PTL IM 2002/11/07		S-P(B) CONFIGURATION	
	2 PLACES ± 0.25 ± ---	APPROVED BY DATE	SKTOH 2002/11/12		R/A, T/H, BOARD-LOCK		
	1 PLACE ± --- ± ---				MOLEX INCORPORATED		
	ANGULAR ± 3°				MATERIAL NO. DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-87667-013		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
					SHEET NO. 3 OF 3		