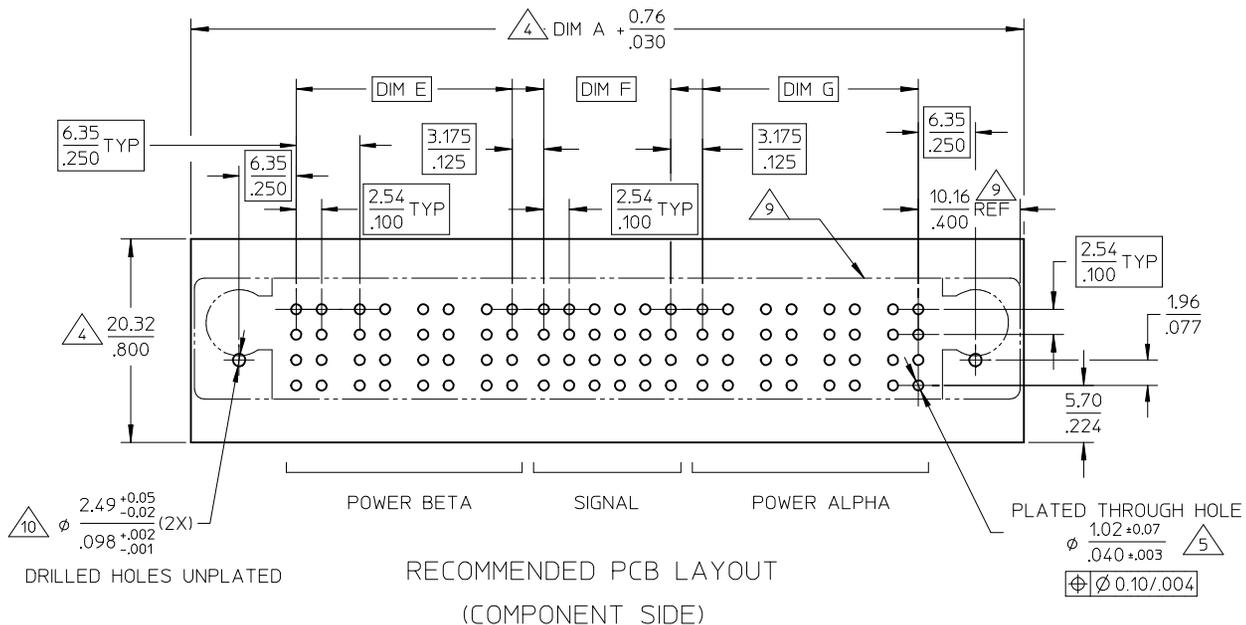


REVISED IEC NO: S2014-0060 DRWNS:KANG 2013/07/15 CH'KD:MLONG 2013/09/06 APPR:MLONG 2013/09/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	$F_{\text{A}}=0$	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	
	$F_{\text{C}}=0$	3 PLACES	± ---	± .010	CHECKED BY	DATE	POWER CONN. RECEPTACLE P-S-P CONFIGURATION VERT. PRESS-FIT,W/G POST	
	$F_{\text{D}}=0$	2 PLACES	± 0.25	± ---	PTLIM	2002/11/21	molex	
		1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO.	
		0 PLACE	±	±	SKTOH	2002/11/21	SD-87633-013	
		ANGULAR ± 3 °		MATERIAL NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		1 OF 3		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

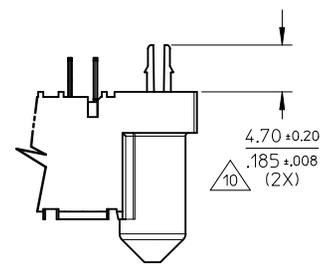
NOTES

- 1 MATERIALS :-
HOUSING - LCP, GLASS FILLED, UL94V-0,
COLOR: 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 SOLDER TAIL
AREA OVER 1.27um MINIMUM NICKEL (Ni) UNDERPLATE.
- 3 SPECIFICATIONS :-
PRODUCT SPECIFICATION : PS-87633-006
APPLICATION SPECIFICATION : AS-87633-007
- 4 COMPONENT STAY AWAY ZONE FROM CONNECTOR.
- 5 PCB NOTE FOR DIAMETER 1.02/0.40 PLATED HOLE.
- DRILLED HOLE SIZE IS 1.151/0.453
- PLATED WITH 0.007/0.003 MINIMUM TIN OVER
0.03/0.01 TO 0.08/0.03 COPPER PLATING TO ACHIEVE
1.02±0.08/0.40±.003 HOLE.
- 6 ALL TERMINAL TIPS ARE DESIGNED WITH EXPOSED BASE COPPER.
THIS IS CREATED BY FINAL CUTTING PROCESS AFTER PLATING.
- 7 MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.
- 8 4Pa-24S-4Pb CONFIGURATION IS SHOWN FOR ILLUSTRATION ONLY.
P-S-P CONFIGURATION IS AVAILABLE UP TO 203MM/8INCH.
PLEASE CONTACT MOLEX SALES PERSONNEL FOR OTHER
CONFIGURATION AND OPTION NEEDED.
- 9 IMAGINARY LINE AND DIMENSION TO POSITION AND PROVIDE
CONNECTOR ORIENTATION WITH RESPECT TO PCB LAYOUT.
- 10 OPTIONAL BOARDLOCK FEATURE FOR SYMETRICAL POWER CONFIG
FULL PROOFING UPON CUSTOMER REQUEST.

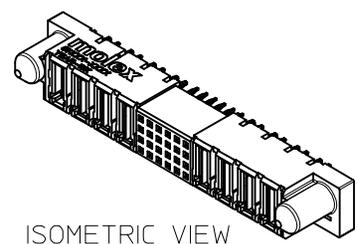


REVISED EC NO: S2014-0060 DRWN:SKANG 2013/07/15 CHYD:MLONG 2013/09/06 APPR:MLONG 2013/09/09 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$F_A=0$	mm	INCH	MM/IN		NTS	METRIC		
	$F_G=0$	4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE			
	$F_P=0$	3 PLACES ± ---	± .010	CHECKED BY	DATE	POWER CONN. RECEPTACLE P-S-P CONFIGURATION VERT. PRESS-FIT, W/G POST			
	2 PLACES ± 0.25	± ---	APPROVED BY	DATE	molex SD-87633-013				
	1 PLACE ± ---	± ---	SKTOH	2002/11/21					DOCUMENT NO.
	0 PLACE ±	±	MATERIAL NO.		SEE TABLE		2 OF 3		
	ANGULAR ± 3°		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3						

PART NUMBER	P-S-P CONFIGURATION			RECESSED POWER CIRCUIT#	DIMENSIONS								BOARDLOCK OPTION \triangle_{10}	PACKAGING
	POWER BETA	SIGNAL	POWER ALPHA		A	B	C	D	E	F	G	H		
87633-1000	5	24	3	NIL	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	NIL	TRAY
87633-1002	4	24	4	NIL	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		
87633-1003	3	24	3	NIL	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		
87633-1004	2	24	4	NIL	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		
87633-1005	2	48	2	A2, B2	72.38 2.850	64.77 2.550	63.49 2.500	49.53 1.950	8.89 .350	27.94 1.100	8.89 .350	3.43 .135	YES	
87633-1011	7	32	6	NIL	119.38 4.700	111.76 4.400	110.48 4.350	96.52 3.800	40.64 1.600	17.78 .700	34.29 1.350	3.43 .135	NIL	
87633-1013	1	12	1	NIL	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		
87633-1021	6	32	7	A1,A2,A3,A4 B1,B2,B5,B6	119.38 4.700	111.76 4.400	110.48 4.350	96.52 3.800	34.29 1.350	17.78 .700	40.64 1.600	3.43 .135	YES	
87633-1022	4	4	4	NIL	69.85 2.750	62.23 2.450	60.96 2.400	46.99 1.850	21.59 .850	00.00 0.000	21.59 .850	3.43 .135		
87633-1014	2	16	4	A3,A4,B2	64.77 2.550	57.15 2.250	55.88 2.200	41.91 1.650	8.89 .350	7.62 .300	21.59 .850	3.43 .135	NIL	
87633-1024	2	24	2	A2, B2	57.15 2.250	49.53 1.950	48.26 1.900	34.29 1.350	8.89 .350	12.70 .5000	8.89 .350	3.43 .135	YES	
87633-1028													NIL	
87633-1026	4	48	4	NIL	97.79 3.850	90.17 3.550	88.90 3.500	74.93 2.950	21.59 0.850	27.94 1.100	21.59 0.850	3.43 .135	YES	
87633-1029	2	16	4	NIL	64.77 2.550	57.15 2.250	55.88 2.200	41.91 1.650	8.89 .350	7.62 .300	21.59 .850	3.43 .135	NIL	



BOARDLOCK OPTION



ISOMETRIC VIEW

REVISED EC NO: S2014-0060 DRWN:SKANG 2013/07/15 CHKD:MLONG 2013/09/06 APPR:MLONG 2013/09/09	QUALITY SYMBOLS $\nabla_A=0$ $\nabla_E=0$ $\nabla_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY KMG0H	DATE 2002/11/19	TITLE POWER CONN. RECEPTACLE P-S-P CONFIGURATION VERT. PRESS-FIT,W/G POST			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	0 PLACE ± ±	CHECKED BY PTLIM	DATE 2002/11/21		
		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY SKTOH	DATE 2002/11/21	MATERIAL NO. SEE TABLE		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										