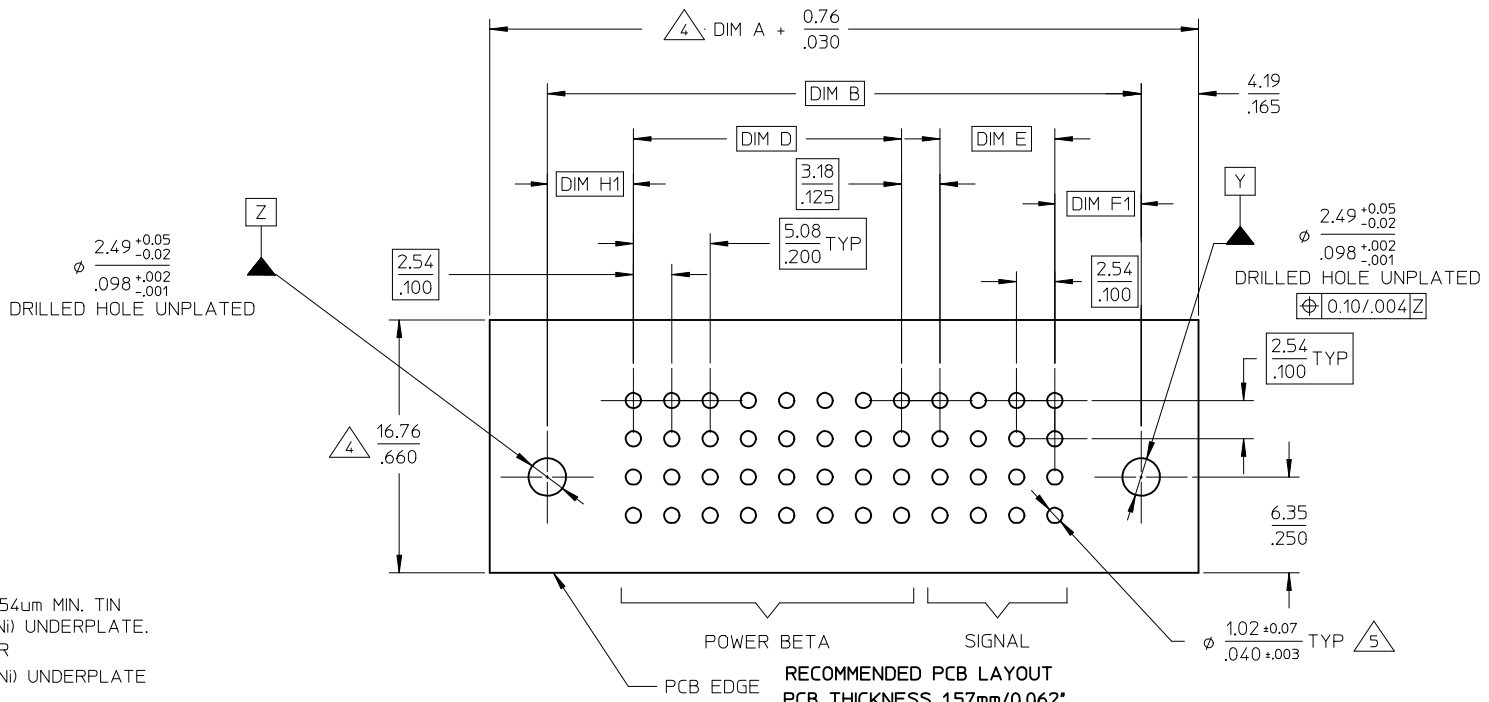


REVISED EC NO: S2014-0060 DRWN:SKANG CHKD:MLONG APPR:MLONG 2013/07/22 2013/09/06 2013/09/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_F = 0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- 0 PLACE ±     ±	MM/IN	NTS	METRIC	
	DESCRIPTION	ANGULAR ± 3 °	DRAWN BY	DATE	TITLE	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	BHLOW	2003/04/24	POWER CONN RECEPTACLE 5.08MM VERSION S-P(B), R/A, T/H	
REV			CHECKED BY	DATE	DOCUMENT NO.	SHEET NO.
B1			PTLIM	2003/05/06	SD-87808-001	1 OF 2
			APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			SKTOH	2003/05/07		

ASSEMBLY PART NUMBER	P-S CONFIGURATION		RECESSED POWER CIRCUIT #	DIM A	DIM B	DIM C	DIM D	DIM E	DIM H	DIM H1	DIM F	DIM F1	PACKAGING
	POWER BETA	SIGNAL											
87808-3001	6	16	NIL	58.42 2.300	50.80 2.000	49.53 1.950	27.94 1.100	7.62 .300	6.98 .275	6.35 .250	5.08 .200	5.72 .225	TRAY
87808-3003	6	24	NIL	63.51 2.500	55.81 2.200	54.61 2.150	27.94 1.100	12.70 .500	6.98 .275	6.35 .250	5.08 .200	5.72 .225	TRAY



NOTES

- MATERIALS :  
HOUSING - LCP, GLASS FILLED, UL94V-0,  
COLOR : BLACK,  
SIGNAL TERMINAL - COPPER ALLOY  
POWER TERMINAL - COPPER ALLOY  
BOARD-LOCK - COPPER ALLOY
  - FINISH :-  
SIGNAL & POWER CONTACTS  
0.76um MIN. GOLD (Au) AT CONTACT AREA AND 2.54um MIN. TIN  
AT SOLDER TAIL AREA OVER 1.27um MIN. NICKEL (Ni) UNDERPLATE.  
BOARD-LOCK - 2.54 MICROMETER MINIMUM TIN OVER  
1.27 MICROMETER MINIMUM NICKEL (Ni) UNDERPLATE
  - PRODUCT SPECIFICATION : PS-87805-006
- △ COMPONENT STAY AWAY ZONE FROM CONNECTOR.  
 △ PCB NOTE FOR DIAMETER 1.02/.040 PLATED HOLE  
 - DRILLED HOLE SIZE IS 1.151/.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.
- ALL TERMINAL TIPS ARE DESIGNED WITH EXPOSE BASE COPPER.  
THIS IS CREATED BY FINAL CUTTING PROCESS.
- △ MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.  
 △ 4 POWER BETA - 16 SIGNAL IS SHOWN FOR ILLUSTRATION.  
 POWER-SIGNAL CONFIGURATION IS AVAILABLE UP TO 203MM/8INCH.  
 PLEASE CONTACT MOLEX SALES PERSONNEL FOR OTHER CONFIGURATION  
 AND OPTION NEEDED.

REVISED	EC NO: S2014-0060	DRW:SKANG	CHKD:MLONG	APPR:MLONG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							mm	INCH	MM/IN	NTS	METRIC	DATE	DATE	DATE
B1						$F_A=0$ $F_E=0$ $F_F=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ±	DRAWN BY: BHLOW CHECKED BY: PTLIM APPROVED BY: SKTOH	DATE: 2003/04/24 DATE: 2003/05/06 DATE: 2003/05/07	TITLE: POWER CONN RECEPTACLE 5.08MM VERSION S-P(B), R/A, T/H <b>molex</b>	DOCUMENT NO.: SD-87808-001 SHEET NO.: 2 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		