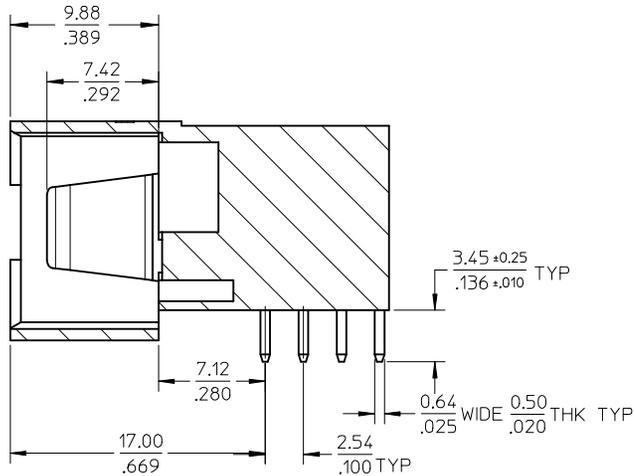
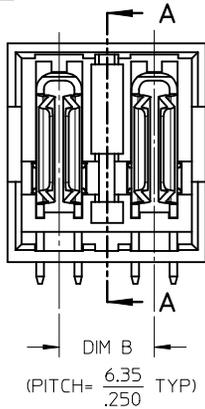
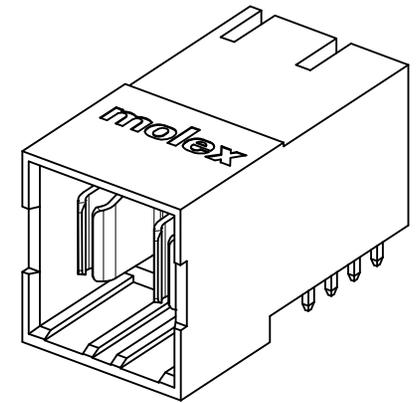


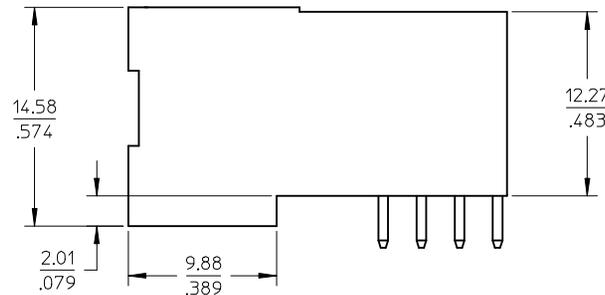
6



SECTION A-A

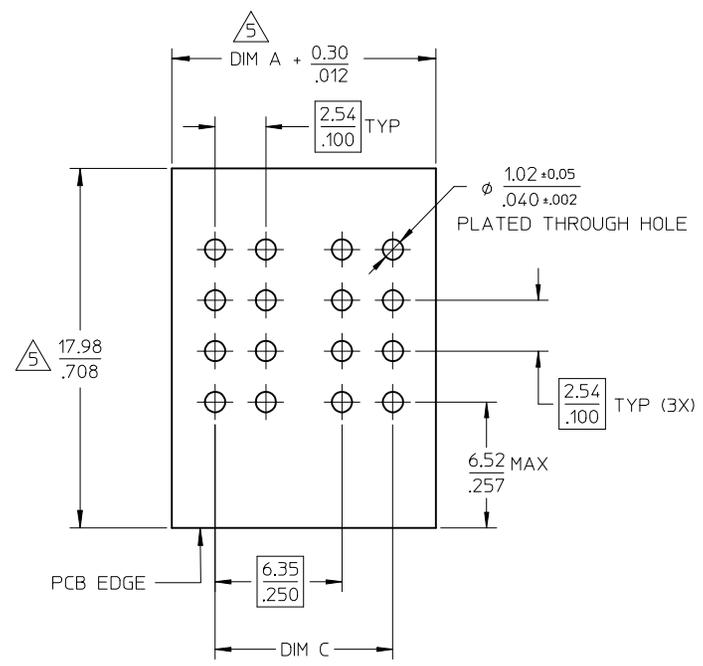


ISOMETRIC VIEW

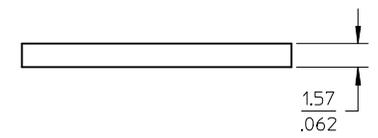


<b>REVISE VIEWS</b> IEC NO: S2013-0239 DRWNS:SKANG 2012/10/24 CHKD:ATSEE 2012/10/29 APPR:MLONG 2012/11/01	QUALITY SYMBOLS $\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	0 PLACE	±	±	DIMENSION STYLE <b>MM/IN</b>	SCALE <b>NTS</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± .010																					
2 PLACES	± 0.25	± ---																						
1 PLACE	± ---	± ---																						
0 PLACE	±	±																						
DRAWN BY SKANG	DATE 2007/03/28	TITLE <b>HEADER, POWER CONN          ALL BLADES POWER CONFIG.          R/A, T/H</b>																						
CHECKED BY GMENARLY	DATE 2007/04/04	<b>molex</b>																						
APPROVED BY MLONG	DATE 2007/04/04	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-87684-001</b>	SHEET NO. <b>1 OF 2</b>																				

10	9	8	7	6	5	4	3	2	1
PART NUMBER	NO OF POWER PINS	DIM A	DIM B	DIM C	PACKAGING				
87684-2001	2	$\frac{13.20}{.520}$	$\frac{6.35}{.250}$	$\frac{8.89}{.350}$	TRAY				



RECOMMENDED PCB LAYOUT



- NOTES:
- MATERIALS: HOUSING - HIGH TEMPERATURE, THERMO-PLASTIC  
GLASS FILLED, UL94V-0, COLOUR: BLACK  
POWER BLADES - COPPER ALLOY
  - FINISHES: POWER - SELECTIVE GOLD IN CONTACT AREA  
THICKNESS=0.76  $\mu$ m /30  $\mu$ m MINIMUM  
SELECTIVE TIN IN THE PC TAIL AREA  
THICKNESS= 2.54  $\mu$ m /100  $\mu$ m MINIMUM WITH  
1.27 $\mu$ m /50  $\mu$ m MINIMUM NICKEL UNDERPLATE OVERALL.
  - PRODUCT SPECIFICATION: PS-87631-006.  
APPLICATION SPECIFICATION: AS-87682-009.
  - SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.
5. COMPONENT STAY AWAY ZONE FROM CONNECTOR.
6. MANUFACTURER LOGO, PART NUMBER AND YEAR-WK CODE.

<b>REVISE VIEWS</b> EC NO: S2013-0239 DRWN:SKANG 2012/10/24 CHKD:ATSEE 2012/10/29 APPR:MLONG 2012/11/01	QUALITY SYMBOLS $\nabla_F=0$ $\nabla_E=0$ $\nabla_B=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			mm	INCH	MM/IN		NTS	METRIC		
		4 PLACES	$\pm$ ---	$\pm$ ---	DRAWN BY	DATE	TITLE			
		3 PLACES	$\pm$ ---	$\pm .010$	SKANG	2007/03/28	HEADER, POWER CONN ALL BLADES POWER CONFIG. R/A, T/H			
	2 PLACES	$\pm 0.25$	$\pm$ ---	CHECKED BY	DATE					
	1 PLACE	$\pm$ ---	$\pm$ ---	GMENARLY	2007/04/04					
	0 PLACE	$\pm$	$\pm$	APPROVED BY	DATE	DOCUMENT NO.		SHEET NO.		
				MLONG	2007/04/04	SD-87684-001		2 OF 2		
		ANGULAR $\pm 3^\circ$		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				A3						