

PDRS-001039-00-00 EC NO: S2006-0297 DRWN:NRVITAPALLI 2005/09/20 CHKD:BLHOW 2005/09/20 APPR:PTLIM 2005/09/20	QUALITY SYMBOLS ▽=0 △=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY NRVITAPALLI	DATE 2005/09/10	TITLE POWER CONN. RECEPTACLE POWER CONFIGURATION VERTICAL, THROUGH HOLE	
		4 PLACES	± ---	± ---	CHECKED BY BLHOW	DATE 2005/09/13	MOLEX INCORPORATED	
		3 PLACES	± ---	± ---	APPROVED BY PTLIM	DATE 2005/09/13	DOCUMENT NO. SD-78042-001	SHEET NO. 1 OF 2
A	REV	DESCRIPTION	1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
			ANGULAR ± 3 °		MATERIAL NO. SEE TABLE			
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10	9	8	7	6	5	4	3	2	1
PART NUMBER	NUMBER OF POWER PINS	RECESSED POWER CIRCUIT #	DIM A	DIM B	DIM C	DIM D	PACKAGING	PLATING OPTION	
78042-0001	3	ALL	17.40 .685	12.70 .500	15.24 .600	2.39 .094	TRAY	TIN	

CONNECTOR - NOTES

1. MATERIALS :

HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK.
POWER PIN - COPPER ALLOY

2. PLATING :

POWER CONTACTS
0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND
2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA
OVER 1.27um MIN. NICKEL (Ni) UNDERPLATE.

3. PRODUCT SPECIFICATION: PS-87631-006.

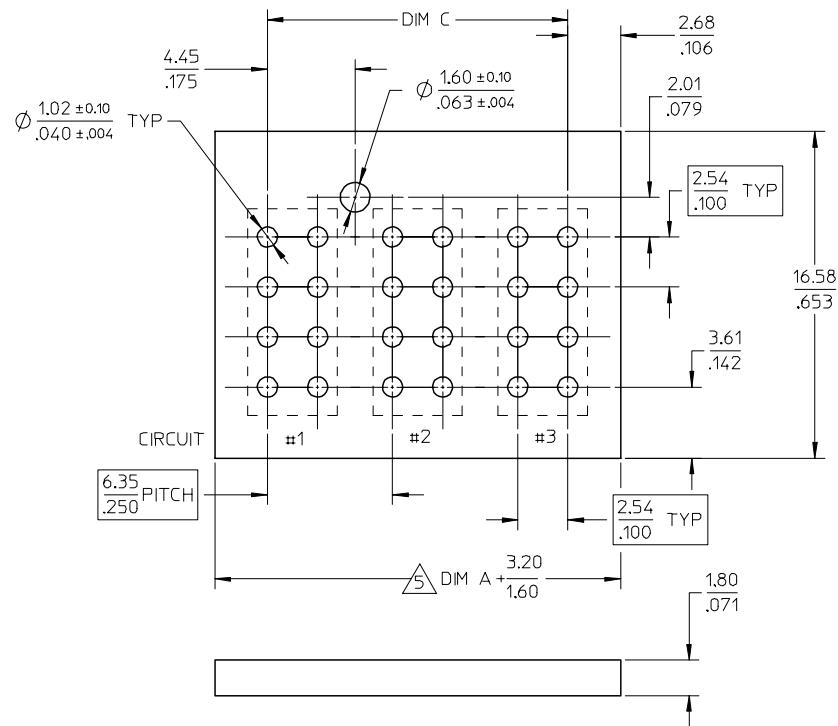
4. PCB NOTE FOR DIAMETER 1.02/.040 PLATED HOLE.

- 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±0.003 HOLE.

SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.

COMPONENT STAY AWAY ZONE FROM CONNECTOR.

MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.



RECOMMENDED PCB LAYOUT

PDR:S-001039-00-00 EC NO: S2006-0297 DRWN:NRVITAPALLI 2005/09/20 CHKD:BLHOW 2005/09/20 APPR:PTLIM 2005/09/20	REV DESCRIPTION A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
		$\nabla=0$ $\nabla C=0$	<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>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	MM/IN	NTS	METRIC	
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