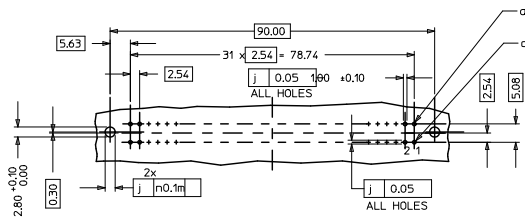
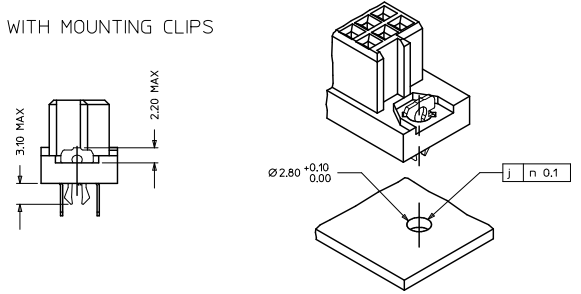


RECOMMENDED PCB LAYOUT
COMPONENT SIDE



WITH MOUNTING CLIPS



NOTES:

- MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED. UL94V-0. COLOUR: PEBBLE GREY RAL 7032
TERMINAL - PHOSPHOR BRONZE
MOUNTING CLIP: STEEL

2) FINISH: TERMINAL:-

CONTACT AREA

- PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 127 MICROMETER OVER NICKEL THICKNESS = 18 MICROMETER
 - PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.8 MICROMETER OVER NICKEL THICKNESS = 18 MICROMETER
 - PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER OVER NICKEL THICKNESS = 1.8 MICROMETER
- TERMINATION AREA:
SELECTIVE TIN, THICKNESS = 5 MICROMETER OVER NICKEL, THICKNESS 1.8 MICROMETER OVERALL.

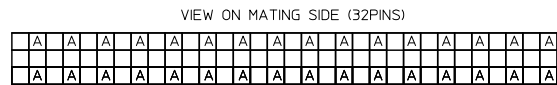
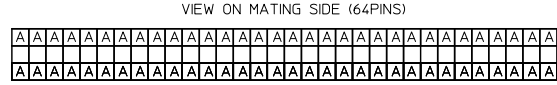
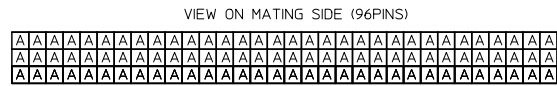
3) MOUNTING CLIP:

- TIN (Sn), THICKNESS = 5-10 MICROMETER OVER NICKEL (Ni) THICKNESS = 25 MICROMETER.

- FOR NON MOUNTING CLIP OPTION, CONNECTOR TO BE SECURED WITH RIVETS: 2 TABULAR RIVETS 2.5 X 0.3 .DIN 7340
SCREWS: 2 CHEESEHEAD SCREWS M2.5 X .DIN 934 AND 2 HEXAGONAL NUTS M2.5 DIN 934.
- MATERIAL NO, BATCH CODE, UL AND CSA MARKING TO BE PRINTED ON THE CONNECTOR.
- CUT FACES OF TIP WITHOUT PLATING PERMITTED.

IEC NO: I2010-0265 2009/12/11 DRAWNS: NS01 CHKD: PRASAD APPR: PRASAD 2010/01/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																		
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.15</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.1</td> <td>± 0.005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.15</td> <td>± 0.005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.15</td> <td>± 0.005</td> </tr> <tr> <td colspan="2">ANGULAR</td> <td>± 2 °</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.15	± 0.005	3 PLACES	± 0.1	± 0.005	2 PLACES	± 0.15	± 0.005	1 PLACE	± 0.15	± 0.005	ANGULAR		± 2 °	DRAWN BY PRASHANT DATE 2004/12/07	TITLE ASSEMBLY, DIN 41612 C FEMALE, 96 POS		
			mm	INCH																				
		4 PLACES	± 0.15	± 0.005																				
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ANGULAR		± 2 °																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY SSUDHIR DATE 2004/12/07	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-85042-001	MOLEX INCORPORATED																				
REV 2	SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

MATERIAL No	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	DIM "L" mm	MOUNTING CLIP NO.	FLUX PROOF
850421249	1	Au+Ni	1,2,3...32 a+c	4,5	NO	NO
850420385	2	Au+Ni	1,2,3...32 a+b+c	2,9	NO	NO
850420191	2	Au+Ni	1,2,3...32 a+c	4,5	NO	NO
850420270	2	Au+Ni	1,2,3...32 a+b+c	4,5	NO	NO
850420397	2	Au+Ni	2,4,6...32 a+c	4,5	NO	NO
850421043	1	Au+Ni	1,2,3...32 a+b+c	4,5	NO	NO
850421079	2	Au+Ni	1,2,3...32 a+b+c	2,9	YES	NO
850421213	2	Au+Ni	1,2,3...32 a+b+c	4,5	YES	NO
850421304	1	Au+Ni	1,2,3...32 a+b+c	2,9	NO	NO
850422347	2	Au+Ni	1,2,3...32 a+b+c	2,9	NO	YES
850422529	2	Au+Ni	1,2,3...32 a+c	2,9	YES	NO
850423316	2	Au+Ni	2,4,6...32 a+c	2,9	YES	YES
850424696	2	Au+Ni	1,2,3...32 a+c	4,5	YES	NO
850424763	2	Au+Ni	2,4,6...32 a+c	2,9	NO	NO
850426232	2	Au+Ni	1,2,3...32 a+b+c	4,5	YES	NO
850429017	3	Au+Ni	1,2,3...32 a+b+c	4,5	YES	NO



CLIPS SNAP UNDER
PC - BOARD OF
1.5 to 1.8 mm
Fm <= 60N
Fr >= 20N
FR >= 200N, WHEN
SOLDERED IN
PLATED - THROUGH
FIXING HOLES

Fm = MOUNTING FORCE
(FOR ONE CONNECTOR = 2 CLIPS)

FR = RETENTION FORCE
(FOR ONE CONNECTOR = 2 CLIPS)

CLIPS STICK IN
FIXING HOLE OF
PC - BOARDS
OVER 1.8 mm
Fm <= 60N
FR >= 16N

EC NO: I2010-0265 2009/12/11 DRAWN: SNS01 CHKD: APRASAD APPR: APRASAD 2010/01/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	mm INCH	MM ONLY	1:1	METRIC		
		4 PLACES ± --- ± ---	DRAWN BY PRASHANT	DATE 2004/12/07	TITLE ASSEMBLY, DIN 41612, C FEMALE, 96 POS		
		3 PLACES ± 0.05 ± ---	CHECKED BY PRASHANT	DATE 2004/12/07	MOLEX INCORPORATED		
	2 PLACES ± 0.1 ± ---	APPROVED BY PRASHANT	DATE 2004/12/07	DOCUMENT NO. SD-85042-001			
	1 PLACE ± 0.15 ± ---			SHEET NO. 2 OF 2			
	ANGULAR ± 2 °			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	SEE CHART				