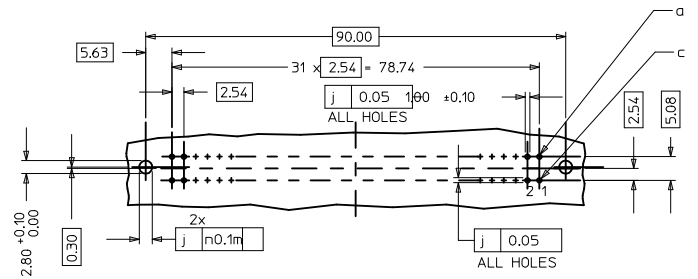


RECOMMENDED PCB LAYOUT  
COMPONENT SIDE

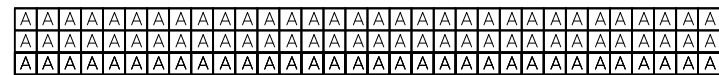


- NOTES:
- MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032  
TERMINAL - PHOSPHOR BRONZE  
MOUNTING CLIP: STEEL
  - FINISH: TERMINAL:-  
CONTACT AREA  
A. PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.27 MICROMETER OVER NICKEL THICKNESS = 1.8 MICROMETER  
B. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.8 MICROMETER OVER NICKEL THICKNESS = 1.8 MICROMETER  
C. 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.
  - MOUNTING CLIP:  
TIN (Sn), THICKNESS = 5-10 MICROMETER OVER NICKEL (Ni) THICKNESS = 2.5 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 84 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.

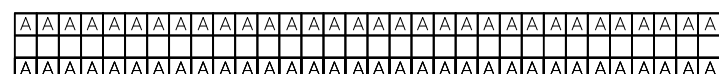
EC NO: I2010-0265 2009/12/11 DRAWN: SNS01 CHKD: KPRASAD APPR: KPRASAD 2009/12/28 2010/01/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		m	INCH	DRAWN BY PRASHANT	DATE 2004/12/07	TITLE ASSEMBLY, DIN 41612 C FEMALE, 96 POS	
REV 2	DESCRIPTION	4 PLACES	± ---	± ---	CHECKED BY SSUDHIR	DATE 2004/12/07	MATERIAL NO. SEE CHART
		3 PLACES	± 0.005	± ---	APPROVED BY SSUDHIR	DATE 2004/12/07	
		2 PLACES	± 0.1	± ---	MATERIAL NO. SEE CHART		SHEET NO. 1 OF 2
		1 PLACE	± 0.15	± ---	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

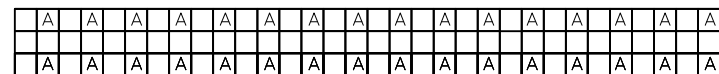
VIEW ON MATING SIDE (96PINS)



VIEW ON MATING SIDE (64PINS)

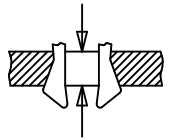


VIEW ON MATING SIDE (32PINS)



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 DRWN:SN601 2009/12/28 CHKD:KPRASAD APPR:KPRASAD 2010/01/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.15 ± ---	mm INCH ± --- ± --- ± 0.05 ± --- ± 0.1 ± --- ± 0.15 ± ---	DRAWN BY PRASHANT	DATE 2004/12/07	TITLE ASSEMBLY, DIN 41612, C FEMALE, 96 POS		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY PRASHANT		DATE 2004/12/07		MOLEX INCORPORATED		SHEET NO. 2 OF 2
SIZE A 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						