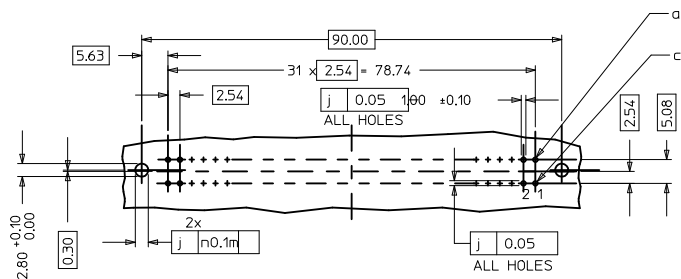
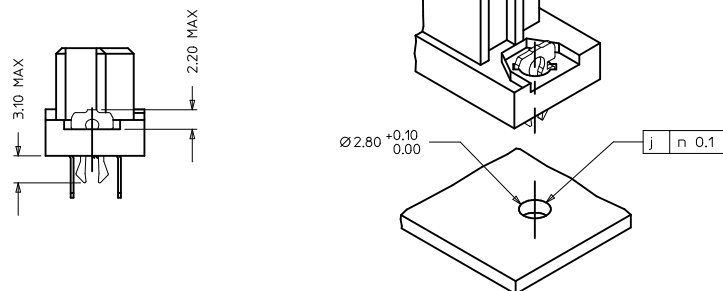


RECOMMENDED PCB LAYOUT
COMPONENT SIDE



WITH MOUNTING CLIPS



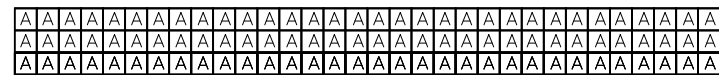
NOTES:

- 1) MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - PHOSPHOR BRONZE
MOUNTING CLIP: STEEL
- 2) 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.
- 3). MOUNTING CLIP:
TIN (Sn), THICKNESS = 5-10 MICROMETER OVER NICKEL (Ni) THICKNESS = 2.5 MICROMETER.
- 4). 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.
- 5). MATERIAL No, BATCH CODE, UL AND CSA MARKING TO BE PRINTED ON THE CONNECTOR.
- 6). CUT FACES OF TIP WITHOUT PLATING PERMITTED.

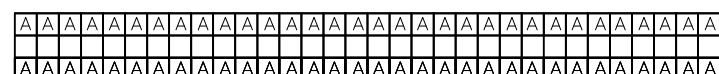
EC NO: I2010-0265 2009/12/11 DRAWN: SNS01 CHKD: KPRASAD APPR: KPRASAD 2009/12/28 2010/01/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		m	INCH	DRAWN BY PRASHANT	DATE 2004/12/07	TITLE ASSEMBLY, DIN 41612 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	± ---	MATERIAL NO. SEE CHART		SHEET NO. 1 OF 2
		ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

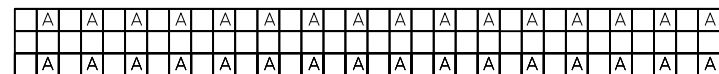
VIEW ON MATING SIDE (96PINS)



VIEW ON MATING SIDE (64PINS)

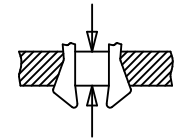


VIEW ON MATING SIDE (32PINS)



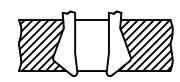
CLIPS SNAP UNDER
PC - BOARD OF
1.5 to 1.8 mm
Fm <= 60N
Fr >= 20N
Fr >= 200N, WHEN
SOLDERED IN
PLATED - THROUGH
FIXING HOLES

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: SNG01 2009/12/28 CHKD: KRASAD APPR: KRASAD 2010/01/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		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		
SIZE A 2		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-85042-001		SHEET NO. 2 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								