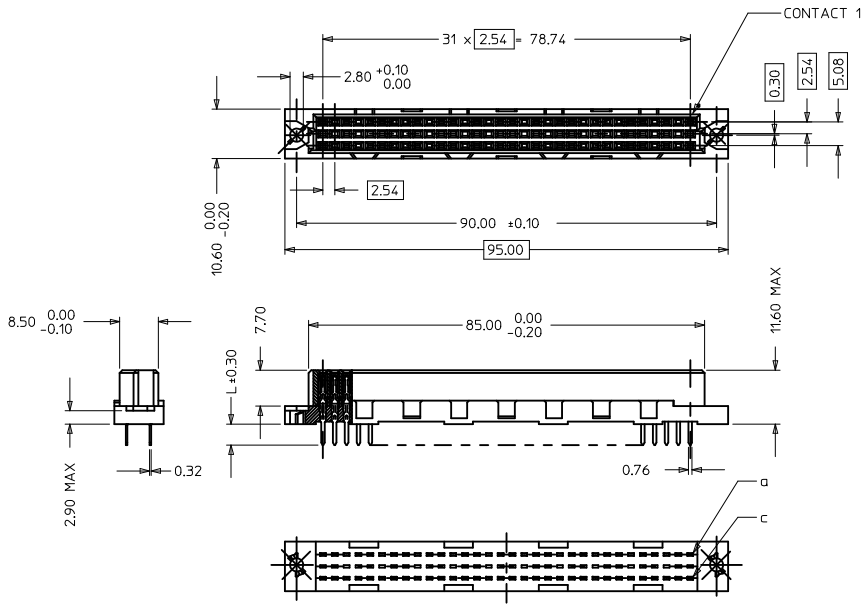
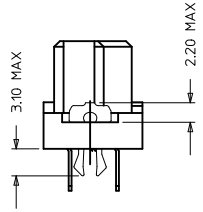
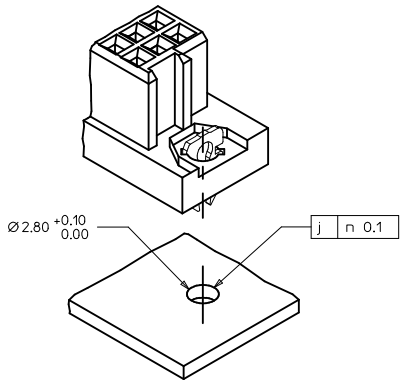
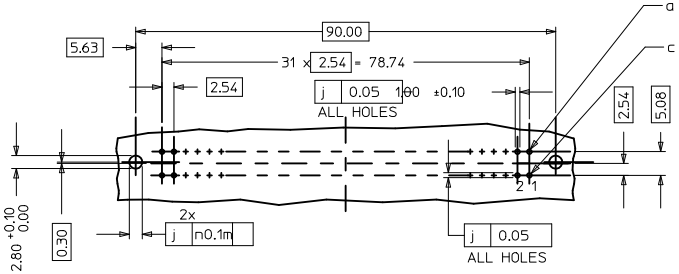


WITH MOUNTING CLIPS





RECOMMENDED PCB LAYOUT
COMPONENT SIDE



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
DRWN:SNS01 2009/12/28
CHKD:KPRASAD 2010/01/06
APPR:KPRASAD
DESCRIPTION
REV 2

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.005	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.15	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	PRASHANT
DATE	2004/12/07
CHECKED BY	SSUDHIR
DATE	2004/12/07
APPROVED BY	SSUDHIR
DATE	2004/12/07
TITLE	ASSEMBLY, DIN 41612 C FEMALE, 96 POS
	MOLEX INCORPORATED
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-85042-001
SHEET NO.	1 OF 2
SIZE	A2

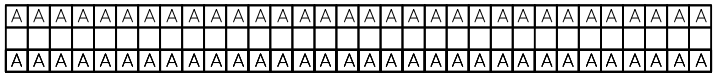
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

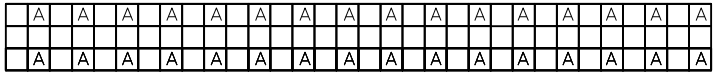
VIEW ON MATING SIDE (96PINS)



VIEW ON MATING SIDE (64PINS)

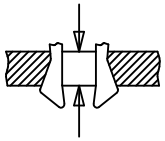


VIEW ON MATING SIDE (32PINS)



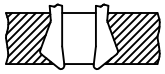
CLIPS SNAP UNDER
PC - BOARD OF
1.5 to 1.8 mm
Fm =< 60N
Fr >= 20N
Fr >= 200N, WHEN
SOLDERED IN
PLATED - THROUGH
FIXING HOLES

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:SNS01 2009/12/28
CH'KD:KPRASAD 2010/01/06
APPR:KPRASAD DESCRIPTION
2 REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.15	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	PRASHANT	2004/12/07
CHECKED BY	PRASHANT	2004/12/07
APPROVED BY	PRASHANT	2004/12/07

TITLE: ASSEMBLY, DIN 41612, C FEMALE, 96 POS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-85042-001
SHEET NO.: 2 OF 2
SIZE: A2

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