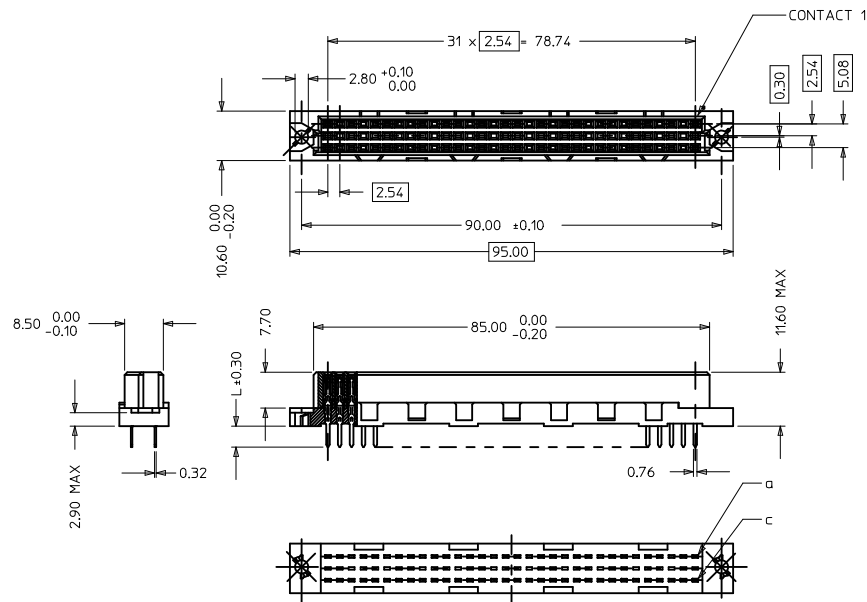
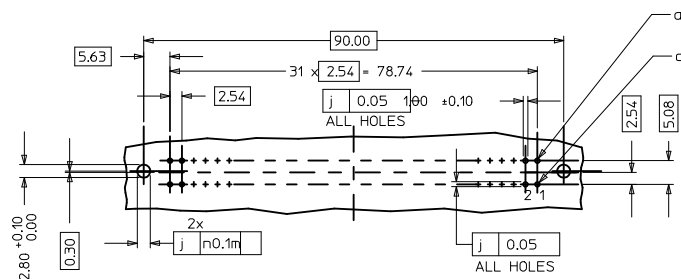
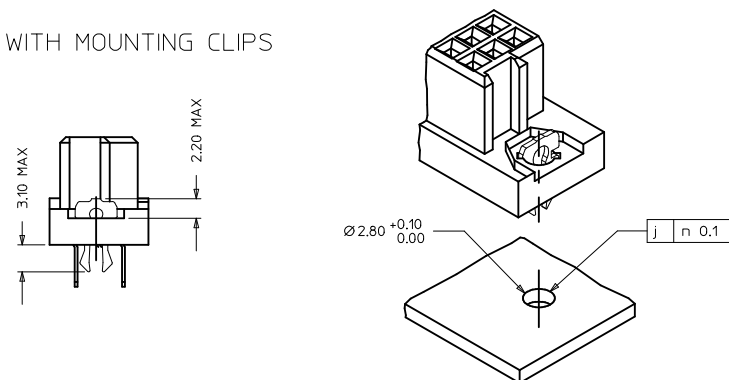




RECOMMENDED PCB LAYOUT COMPONENT SIDE



WITH MOUNTING CLIPS



NOTES:

- MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - PHOSPHOR BRONZE
MOUNTING CLIP: STEEL
- 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: 12010-0265 DRWNSNS01 CHKDKPRASAD APPR:KPRASAD 2009/12/11 2009/12/28 2010/01/06	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	ASSEMBLY, DIN 41612 C FEMALE, 96 POS
			mm INCH		DRAWN BY PRASHANT	DATE 2004/12/07	TITLE				
			4 PLACES ± --- ± ---		CHECKED BY	DATE	MOLEX MOLEX INCORPORATED				
			3 PLACES ± 0.005 ± ---		SSUDHIR	2004/12/07					
			2 PLACES ± 0.1 ± ---		APPROVED BY	DATE					
			1 PLACE ± 0.15 ± ---		SSUDHIR	2004/12/07					
ANGULAR ± 2 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-85042-001		1 OF 2				
SIZE A2			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

	13	12	11	10	9	8	7	6	5	4	3	2	1	
	MATERIAL No	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	DIM "L" mm	MOUNTING CLIP NO.	FLUX PROOF							
J	850421249	1	Au+Ni	1,2,3....32 a+c	4.5	NO	NO							J
	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							
I	850420397	2	Au+Ni	2,4,6....32 a+c	4.5	NO	NO							I
	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							
H	850423316	2	Au+Ni	2,4,6....32 a+c	2.9	YES	YES							H
	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							
G														G
F														F
E														E
D														D
C														C
B														B
A														A
</														

View on mating side

[illegible]

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

A = 87 standard contacts L=4,5

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	yes
Dimensions	SDA-85042-0001 sht.1
Technical Data	PS-85042-0001

A	G2/0	a1-23,27-32	b1-23,27-32 c1-23,27-32
Contact symbol	Perform. level	Contact position number	

[illegible]