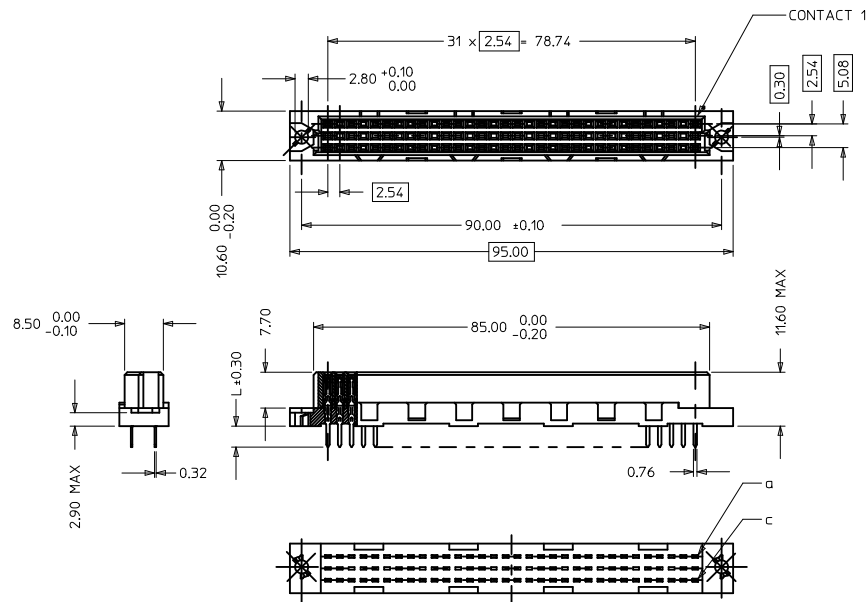
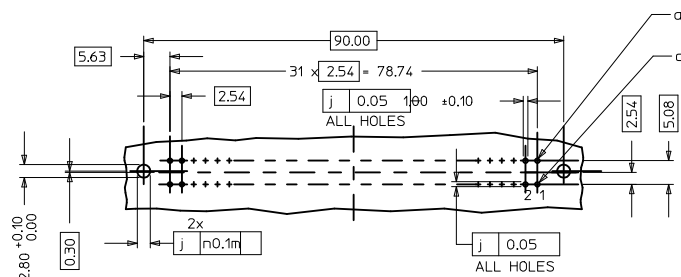
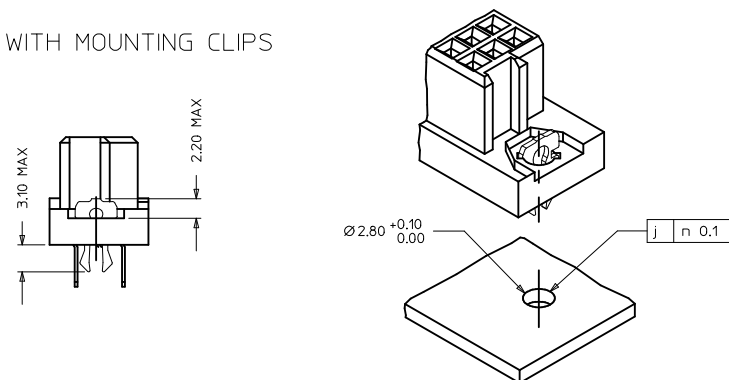




RECOMMENDED PCB LAYOUT COMPONENT SIDE



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 DRWNS01 CHKD:KRASAD APPR:KRASAD 2009/12/11 2009/12/28 2010/01/06	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY PRASHANT	DATE 2004/12/07	TITLE ASSEMBLY, DIN 41612 C FEMALE, 96 POS			
				4 PLACES ± --- ± ---	3 PLACES ± 0.005 ± ---	CHECKED BY SSUDHIR	DATE 2004/12/07				
				2 PLACES ± 0.1 ± ---	1 PLACE ± 0.15 ± ---	APPROVED BY SSUDHIR	DATE 2004/12/07	MOLEX INCORPORATED			
				ANGULAR ± 2 °		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-85042-001				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

View on mating side

C	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A
D	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A
E	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A

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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	

ECN MC2000-0382	first release	00-04-28 Er	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MRJ LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRAWG BY Er	SIGN	REVISE ONLY ON CAD SYSTEM		SH.	REV.
				INCH		METRIC		CAD/CAM PROJECT NAME				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				3 PLACE $\pm$	$\pm$					CHK'D BY KN	SIGN	TITLE 96 pos. female connector acc. DIN 41612 style C contacts arrangement			
				2 PLACE $\pm$	$\pm$										
				1 PLACE $\pm$	$\pm$					APP'D BY FB	SIGN	MOLEX® MOLEX EUROPE		SHEET NO.	DATE
												DESIGN DIMENSION		☐ MM	☐ IN.
												EQUIVALENT DIMENSION		☐ MM	☐ IN.
												SCALE			
												PART NO.		DWG NO.	SIZE
												85042-6232		SDA-85042-6232	A
												1 OF 1		00/04/28	