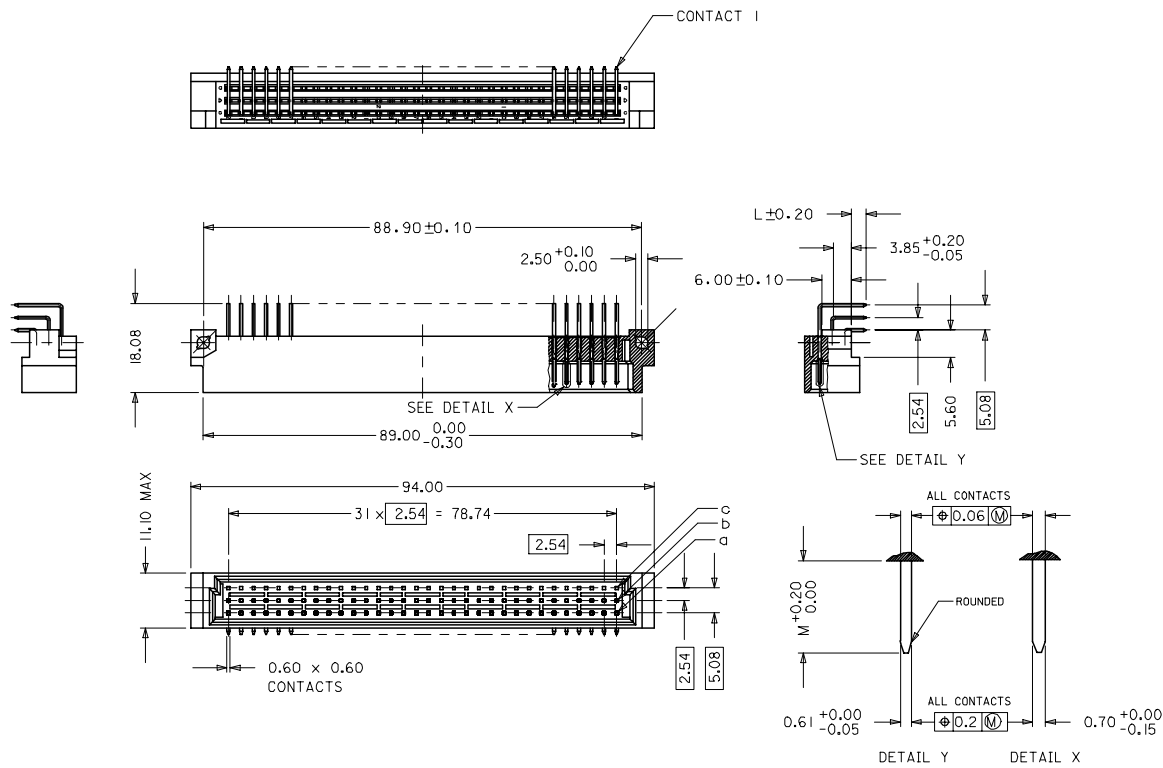
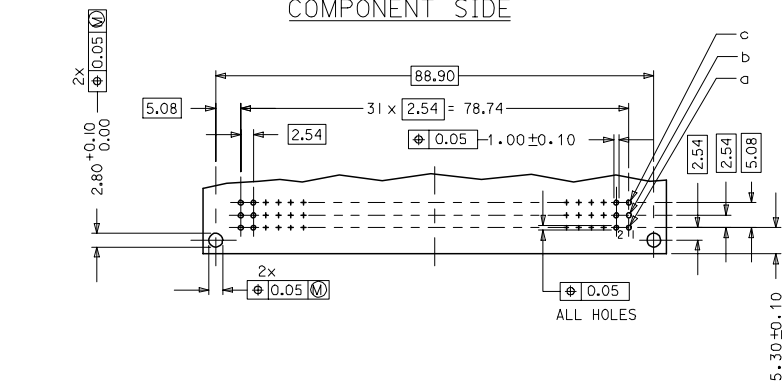


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M
L
K
J
I
H
G
F
E
D
C
B
A



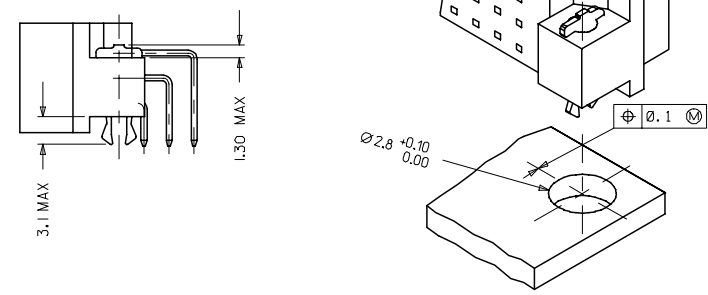
RECOMMENDED PCB LAYOUT
COMPONENT SIDE



LMFB	CONTACTS	4.2
FMLB	CONTACTS	5.4
NORMAL	CONTACTS	4.8
		M

WITH MOUNTING CLIPS

8:1



- NOTES:
- 1) MATERIALS: THERMX (PCT), GLASS FILLED, UL94V-0, COLOR : NATURAL
TERMINAL - BRASS
MOUNTING CLIP: STEEL
 - 2) FINISH: CONTACT AREA
1. PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.1 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
2. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.6 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
3. PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER

TERMINATION AREA : SELECTIVE TIN, THICKNESS = 2.5 MICROMETER
OVER NICKEL, THICKNESS = 1.25 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 TUBULAR 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) STANDARD MARKING : MOLEX, MATERIAL NUMBER, BATCH CODE
 - 6) CUT FACE OF TIP WITHOUT PLATING PERMITTED
 - 7) PRODUCT SPECIFICATION PS : 85003-0001

RoHS COMPLIANT

ENTER DESCRIPTION ECN: 1207-0193 DRAWING: 2007/01/08 CHKD: 2007/01/08 APPROV: 2007/01/08 C1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				DRAWN BY SS	DATE 2001/05/03	TITLE 96 POS. MALE CONNECTOR ACC. DIN 41612 STYLE C CONTACTS				
		4 PLACES ± 0.05		CHECKED BY GJLOWE		DATE 2001/05/03		MOLEX INCORPORATED SD-85003-0001		
		2 PLACES ± 0.1		APPROVED BY GJLOWE		DATE 2001/05/03				
		1 PLACE ± 0.15		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-85003-0001				
		ANGULAR ± 2 °								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SHEET NO. 6 OF 12		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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

A = 32 STANDARD CONTACTS L = 3
C = 32 STANDARD CONTACTS L = 3
S = 64 TOTAL NUMBER OF CONTACTS

MARKING	STANDARD
PERFORMANCE LEVEL	G2/0 = CONTACT AREA LEVEL 2 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	YES
DIMENSIONS	SD-85003-0001 SHT 6

C	G2/0	c1-32
A	G2/0	a1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

I 2004-XXXX
N.S. 09/09/03
G.L. 09/09/03
G.L. 09/09/03

C

X		X		Y N	
N.S.	17/09/01	96 POS MALE CONNECTOR			
G.L.	17/09/01	ACCORDING DIN 41612 STYLE C CONTACTS			
		ARRANGEMENT (HIGH TEMP CONNECTOR)			
G.L.	17/09/01				
SD-85003-7081		SD-85003-7081	SD-85003-7081	NO. 1 OF 1	

D
C
B
A