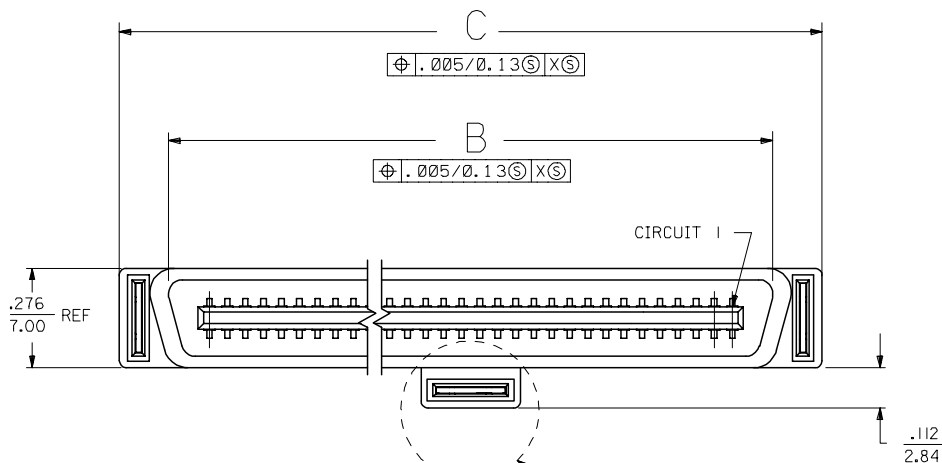


13 12 11 10 9 8 7 6 5 4 3 2 1

J
I
H
G
F
E
D
C
B
A

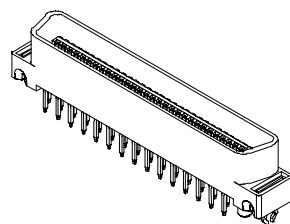
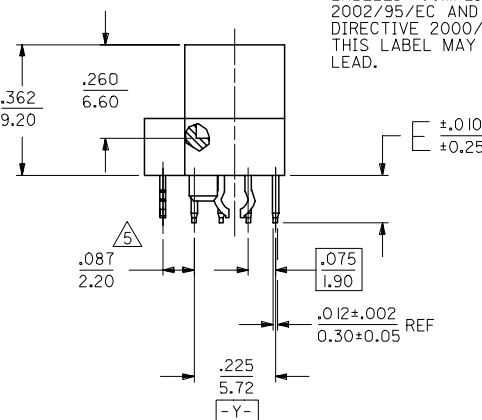
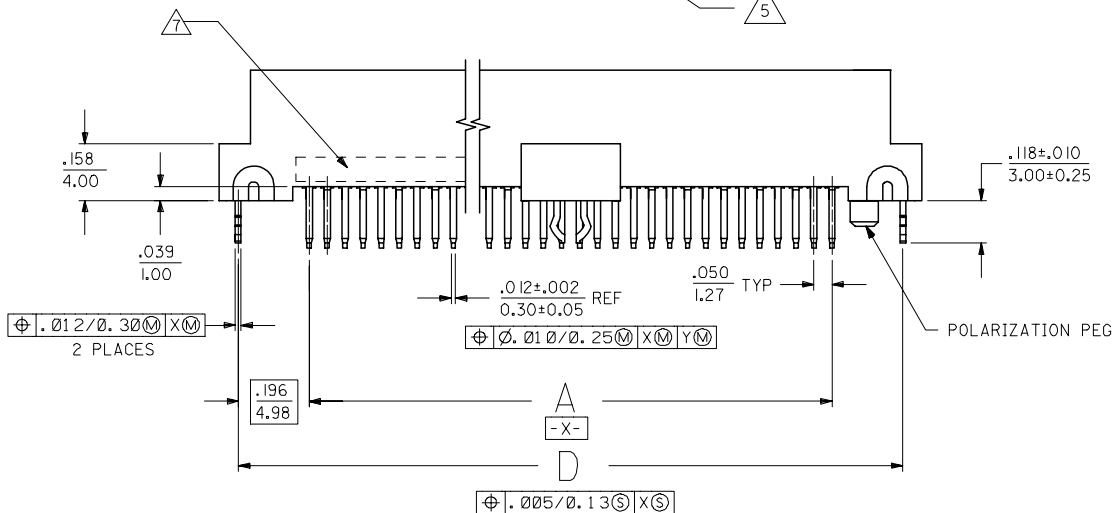


NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS - COPPPER ALLOY
METAL PEGS - COPPPER ALLOY
- 2) TERMINAL FINISH:
30 MICROINCH/0.76 MICROMETER MINIMUM GOLD IN CONTACT AREA AND 50 MICROINCH/1.27 MICROMETER MINIMUM TIN IN TAIL AREA OVER NICKEL UNDERPLATING OVERALL.
- 3) ASSEMBLY MATES WITH MOLEX P/N SDA-71660-****.
- 4) CONFORMS TO PRODUCT SPECIFICATION PS-71660.
- 5) CENTER PEG IS ONLY ON I20 AND I30 CIRCUIT ASSEMBLIES.
- 6) RECOMMENDED P.C. BOARD THICKNESS IS .062 (1.6).
- 7) FOUR DIGIT DATE CODE (WK YR), EXAMPLE => 26 96 LOCATED IN AREA INDICATED.
- 8) SEE CHART ON SHEET 2 FOR PACKAGING INFORMATION.

NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



60 CIRCUIT ASSEMBLY SHOWN
SCALE- 2:1

CHG TERMINAL MATL
EC NO: UCP2005-0775
DRAWN: BARKER 2005/06/13
CHKD: JORGAN 2005/06/13
APPR: SMILLER 2005/06/23
REV

QUALITY SYMBOLS
▽=0
▽=0

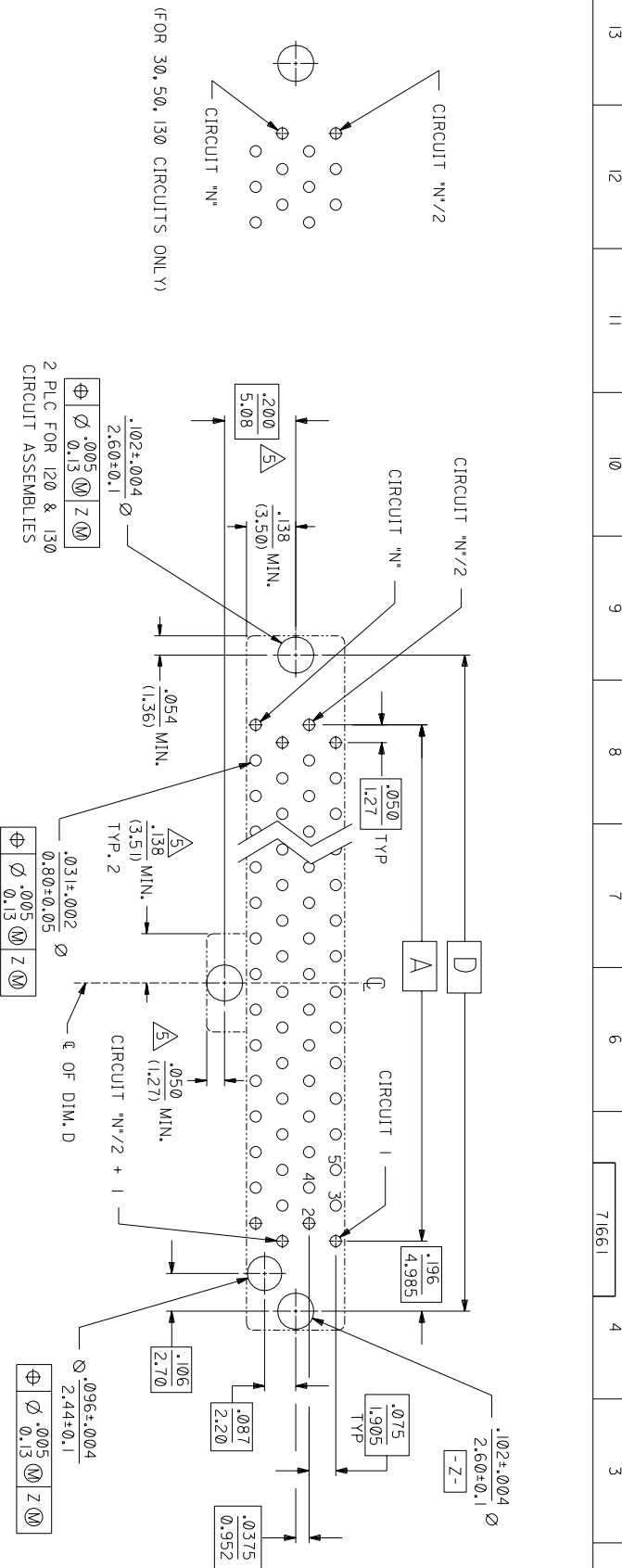
GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ±---	±---
3 PLACES ±---	±.005
2 PLACES ±.13	±.010
1 PLACE ±0.25	±---
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
RAN	1992/06/15
CHECKED BY	DATE
RAN	1992/06/15
APPROVED BY	DATE
CAB	1992/06/15
MATERIAL NO.	DOCUMENT NO.
SEE TABLE	SDA-71661-1***
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	INCH	
SALES ASSEMBLY MOLEX EBBI 50D VERTICAL PLUG CONNECTOR		
moLEX MOLEX INCORPORATED		
SHEET NO. 1 OF 2		

2	K
1	M
SHT	REV

12 11 10 9 8 7 6 5 4 3 2 1



RECOMMENDED PC BOARD LAYOUT

(FOR 40, 60, 68, 80, 100, 120 CIRCUITS ONLY)

	13	12	11	10	9	8	7	6	5
A	71661-1430	015-92-2530	130	3.200 (81.28)	3.426 (87.02)	3.699 (93.95)	3.592 (91.25)		TRAYS PER PK-71660
	71661-1420	015-92-2520	120	2.950 (74.93)	3.176 (80.67)	3.449 (87.60)	3.342 (84.90)		TRAYS PER PK-71660
	71661-1400	015-92-2500	100	2.450 (62.23)	2.676 (67.97)	2.949 (74.90)	2.842 (72.20)		TRAYS PER PK-71660
	71661-1381	015-92-2481	80	1.950 (49.53)	2.176 (55.27)	2.449 (62.20)	2.342 (59.50)		TUBES PER PK-70873-0817
B	71661-1380	015-92-2480	80	1.950 (49.53)	2.176 (55.27)	2.449 (62.20)	2.342 (59.50)		TRAYS PER PK-71660
	71661-1368	015-92-2468	68	1.650 (41.91)	1.875 (47.65)	2.149 (54.58)	2.042 (51.88)		TRAYS PER PK-71660
	71661-1360	015-92-2460	60	1.450 (36.83)	1.676 (42.57)	1.949 (49.50)	1.842 (46.80)		TRAYS PER PK-71660
	71661-1350	015-92-2450	50	1.200 (30.48)	1.426 (36.22)	1.699 (43.15)	1.592 (40.45)		TRAYS PER PK-71660
C	71661-1340	015-92-2440	40	.950 (24.13)	1.176 (29.87)	1.449 (36.80)	1.342 (34.10)		TRAYS PER PK-71660
	71661-1330	015-92-2430	30	.700 (17.78)	.925 (23.52)	1.199 (30.45)	1.092 (27.75)		TRAYS PER PK-71660
	71661-1130	015-92-2130	130	3.200 (81.28)	3.426 (87.02)	3.699 (93.95)	3.592 (91.25)		TRAYS PER PK-71660
	71661-1120	015-92-2120	120	2.950 (74.93)	3.176 (80.67)	3.449 (87.60)	3.342 (84.90)		TRAYS PER PK-71660
D	71661-1100	015-92-2100	100	2.450 (62.23)	2.676 (67.97)	2.949 (74.90)	2.842 (72.20)		TRAYS PER PK-71660
	71661-1080	015-92-2080	80	1.950 (49.53)	2.176 (55.27)	2.449 (62.20)	2.342 (59.50)		TRAYS PER PK-71660
	71661-1068	015-92-2068	68	1.650 (41.91)	1.875 (47.65)	2.149 (54.58)	2.042 (51.88)		TRAYS PER PK-71660
	71661-1060	015-92-2060	60	1.450 (36.83)	1.676 (42.57)	1.949 (49.50)	1.842 (46.80)		TRAYS PER PK-71660
E	71661-1050	015-92-2050	50	1.200 (30.48)	1.426 (36.22)	1.699 (43.15)	1.592 (40.45)		TRAYS PER PK-71660
	71661-1040	015-92-2040	40	.950 (24.13)	1.176 (29.87)	1.449 (36.80)	1.342 (34.10)		TRAYS PER PK-71660
	71661-1030	015-92-2030	30	.700 (17.78)	.925 (23.52)	1.199 (30.45)	1.092 (27.75)		TRAYS PER PK-71660
	ENGINEERING NUMBER	EDP NUMBER	CIRCUIT SIZE ("N")	A	B	C	D	E	PACKAGING

DIMENSIONS SHOWN IN BOTH INCH AND MILLIMETER			
INCH		MILLIMETER	
3 PLACE ± .0005	3 PLACE ± .013	1 PLACE ± .01	1 PLACE ± 0.25
2 PLACE ± .01	2 PLACE ± 0.13	1 PLACE ± .01	1 PLACE ± 0.25
DRAWING AND PART ARE TO REMAIN WITHIN DIMENSIONS			
DATE	SCALE	BY	RST
05/11/92	1:1	WJ	WJ
TITLE			
SALES ASSEMBLY			
MOLEX EBB1 50D VERTICAL			
PLUG CONNECTOR			
MOLEX INCORPORATED		DATE	
69532 U.S.A.		6/15/92	
PART NO.		DRAW. NO.	
SEE TABLE		SDA-71661-1-***	
FILE NAME			
5716511			
THIS DRAWING CANNOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION			
MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SIZE		DWC	
A		1	