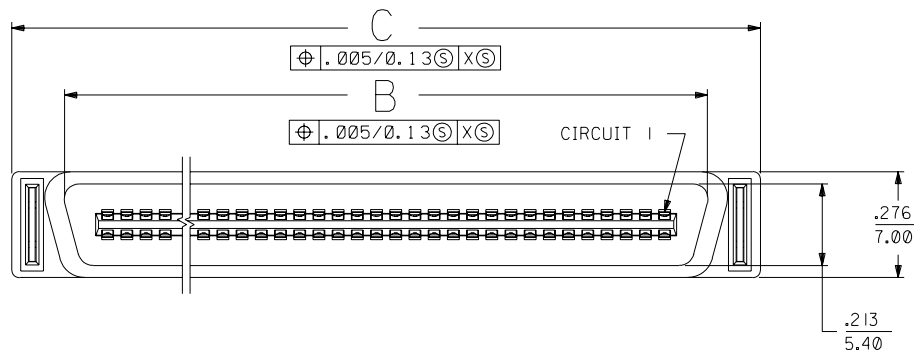


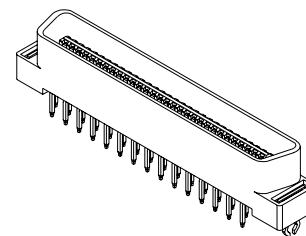
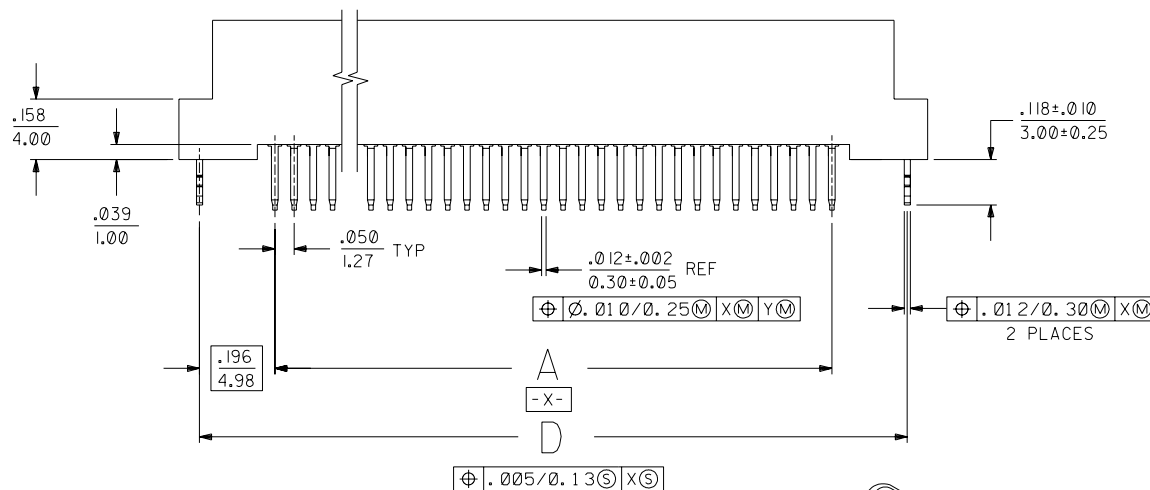


NOTES:

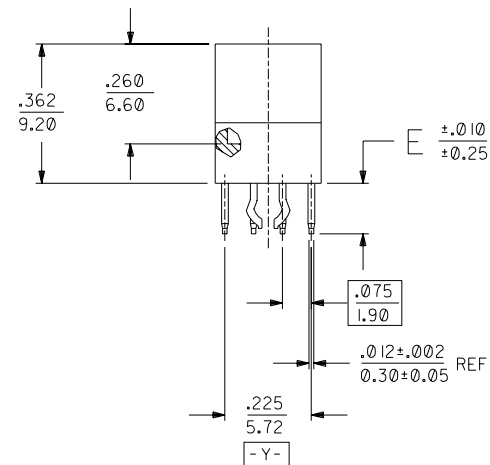
- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS - COPPER ALLOY
METAL PEGS - COPPER ALLOY
- 2) TERMINAL FINISH:
30 MICROINCH/0.76 MICROMETER MINIMUM GOLD IN CONTACT AREA AND 100 MICROINCH/2.54 MICROMETER MINIMUM TIN IN SOLDER TAIL AREA. NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
- 3) ASSEMBLY MATES WITH MOLEX P/N SDA-71660-****. CONFORMS TO PRODUCT SPECIFICATION PS-71660.
- 4) PRODUCT IS PACKAGED PER SPECIFICATION PK-71660.

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.



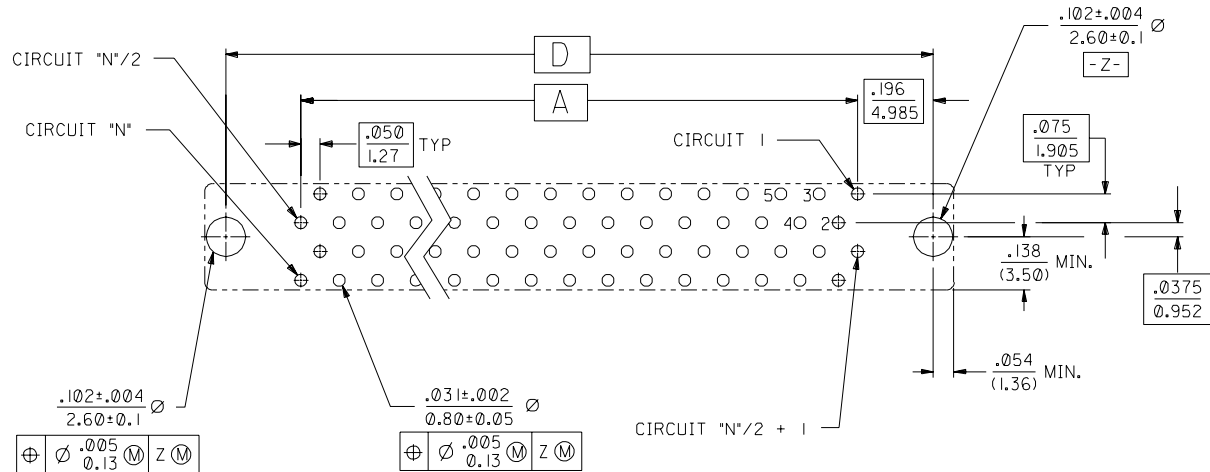
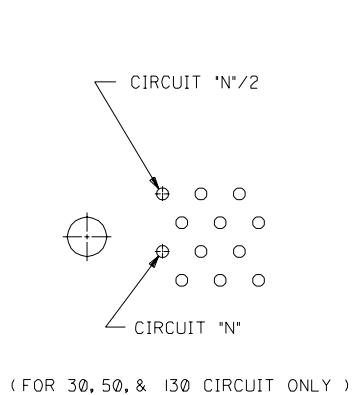
60 CIRCUIT ASSEMBLY SHOWN
SCALE- 2:1



DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 = 0		REVISE ONLY ON CAD SYSTEM	
INCH METRIC		TITLE		SALES ASSEMBLY EBBI 50D VERTICAL PLUG W/O CENTER BOARD LOCK & POLAR. PEG	
3 PLACE ± .005 ---		PART NO.		MOLEX INCORPORATED SHEET NO. DATE LITSE,ILL. 60532 U.S.A. 1 OF 2 4/23/93	
2 PLACE ± .01 ± 0.13		DRAWG. NO.		SEE TABLE SDA-71661-9***	
1 PLACE --- ± 0.25		FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DRAWG. BY RAN		CHK'D. BY RAN		DIV. SIZE	
APP'D. BY CAB		SCALE 4: 1		C C	

E	LEAD FREE CONV ECN UCP2004-2096 RKADAMS 04/04/26
D	REVISED PER ECN U60641 11-28-95 DRS
C	REVISED PER ECN U40506 4-15-94 RAN
B	REVISED PER ECN U31755 12-3-93 RAN
A	INITIAL RELEASE PER ECN U30874 5-18-93 RAN

I3 I2 I1 I0 9 8 7 6 71661 4 3 2 I



RECOMMENDED PC BOARD LAYOUT Δ
COMPONENT SIDE
(FOR 40, 60, 68, 80, 100, & 120 ONLY)

D	.110 (2.79)	3.592 (91.25)	3.699 (93.95)	3.426 (87.02)	3.200 (81.28)	130	71661-9430
	.110 (2.79)	3.342 (84.90)	3.449 (87.60)	3.176 (80.67)	2.950 (74.93)	120	71661-9420
	.110 (2.79)	2.842 (72.20)	2.949 (74.90)	2.676 (67.97)	2.450 (62.23)	100	71661-9400
	.110 (2.79)	2.342 (59.50)	2.449 (62.20)	2.176 (55.27)	1.950 (49.53)	80	71661-9380
	.110 (2.79)	2.042 (51.88)	2.149 (54.58)	1.875 (47.65)	1.650 (41.91)	68	71661-9368
C	.110 (2.79)	1.842 (46.80)	1.949 (49.50)	1.676 (42.57)	1.450 (36.83)	60	71661-9360
	.110 (2.79)	1.592 (40.45)	1.699 (43.15)	1.426 (36.22)	1.200 (30.48)	50	71661-9350
	.110 (2.79)	1.342 (34.10)	1.449 (36.80)	1.176 (29.87)	.950 (24.13)	40	71661-9340
	.110 (2.79)	1.092 (27.75)	1.199 (30.45)	.925 (23.52)	.700 (17.78)	30	71661-9330
	.134 (3.40)	3.592 (91.25)	3.699 (93.95)	3.426 (87.02)	3.200 (81.28)	130	71661-9130
B	.134 (3.40)	3.342 (84.90)	3.449 (87.60)	3.176 (80.67)	2.950 (74.93)	120	71661-9120
	.134 (3.40)	2.842 (72.20)	2.949 (74.90)	2.676 (67.97)	2.450 (62.23)	100	71661-9100
	.134 (3.40)	2.342 (59.50)	2.449 (62.20)	2.176 (55.27)	1.950 (49.53)	80	71661-9080
	.134 (3.40)	2.042 (51.88)	2.149 (54.58)	1.875 (47.65)	1.650 (41.91)	68	71661-9068
	.134 (3.40)	1.842 (46.80)	1.949 (49.50)	1.676 (42.57)	1.450 (36.83)	60	71661-9060
	.134 (3.40)	1.592 (40.45)	1.699 (43.15)	1.426 (36.22)	1.200 (30.48)	50	71661-9050
A	.134 (3.40)	1.342 (34.10)	1.449 (36.80)	1.176 (29.87)	.950 (24.13)	40	71661-9040
	.134 (3.40)	1.092 (27.75)	1.199 (30.45)	.925 (23.52)	.700 (17.78)	30	71661-9030
E	D	C	B	A	CKT ("N")	ITEM NUMBER	

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR $\pm 1/2^\circ$		REVISIONS	
INCH		METRIC		REVISE ONLY ON CAD SYSTEM	
3 PLACE	$\pm .005$	---		SEE TABLE	
2 PLACE	$\pm .01$	± 0.13		SEE TABLE	
1 PLACE	---	± 0.25		SEE TABLE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED		SHEET NO. 2	
DRAWN BY RAN		CHK'D BY RAN		DATE 4/23/93	
APPROV. BY CAB		SCALE 4:1		DIV. C	
FILE NAME 71661-9		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE 1/2"	

Mouser Electronics

Authorized Distributor

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Molex:

[71661-9030](#) [71661-9060](#) [71661-9100](#)