

NOTES:

- 1) MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS - COPPER 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 UNDERPLATE OVERALL.
- 3) ASSEMBLY MATES WITH MOLEX PART NUMBER 71660-7\*\*\*. CONFORMS TO PRODUCT SPECIFICATION PS-71660.
- 4) RECOMMENDED P.C. BOARD THICKNESS IS .062/1.6 MILLIMETER.
- 5) FOUR DIGIT DATE CODE TO BE LOCATED ON SURFACE AS SHOWN.
- 6) PRODUCT 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.

M	OBSOLETE PART NO
L	AKUMAR19
K	LEAD FREE CONV ECN UCP2004-2096 RKADAMS 04/04/26
J	REVISED PER ECN U71314 ACHAMMER 97-4-28
I	REVISED PER ECN U70133 ACHAMMER 96-8-7
H	REVISED PER ECN U61477 7-3-96 DGA
G	REVISED PER ECN U61278 5-2-96 DGA
F	REVISED PER ECN U60641 11-28-95 DRS
E	REVISED PER ECN U60564 11-8-95 RAN
D	REVISED PER ECN U50229 9-23-94 RAN
C	REVISED PER ECN U50090 8-30-94 RAN
B	REVISED PER ECN U40506 4-15-94 RAN
A	REVISED PER ECN U40305 3-4-94 RAN
	INITIAL RELEASE PER ECN U31832 12-15-93 RAN
	PRELIMINARY 11-17-93 RAN

MFG.	SH.	REV.	LTR.	REVISIONS
2	K			
1	L			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>IN/MM</b>	SCALE <b>4:1</b>	CURRENT REV DESC: OBSOLETE PART NO	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 625872	
4 PLACES ±	±	DRWN: AKUMAR19	2019/06/17
3 PLACES ±	± 0.005	CHK'D: GB	2019/11/06
2 PLACES ±	± 0.13 ± 0.01	APPR: GGA	2019/11/12
1 PLACE ±	±	INITIAL REVISION:	
0 PLACES ±	±	DRWN: RAN	
ANGULAR TOL ± 0.5°		APPR: CAB	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING <b>C-SIZE</b>	SERIES <b>71661</b>

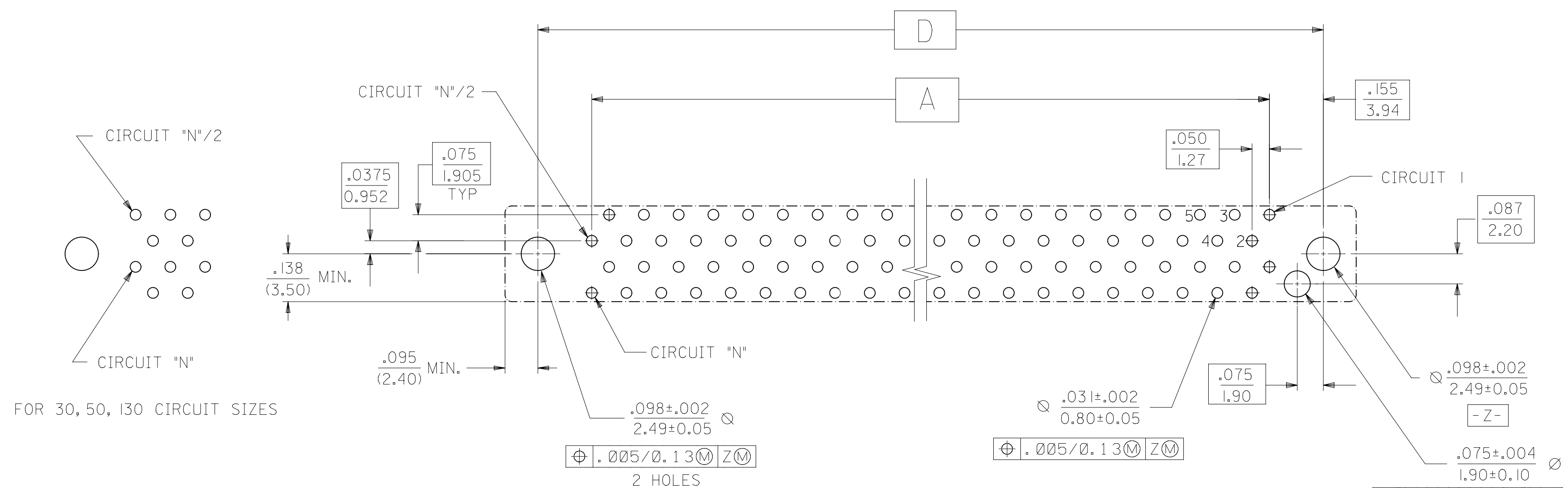
SALES ASSEMBLY  
EBBI 50D, VERTICAL PLUG BLIND MATE  
CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER <b>SDA-71661-7XXX</b>	DOC TYPE <b>PSD</b>	DOC PART <b>001</b>	REVISION <b>M</b>
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MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 2
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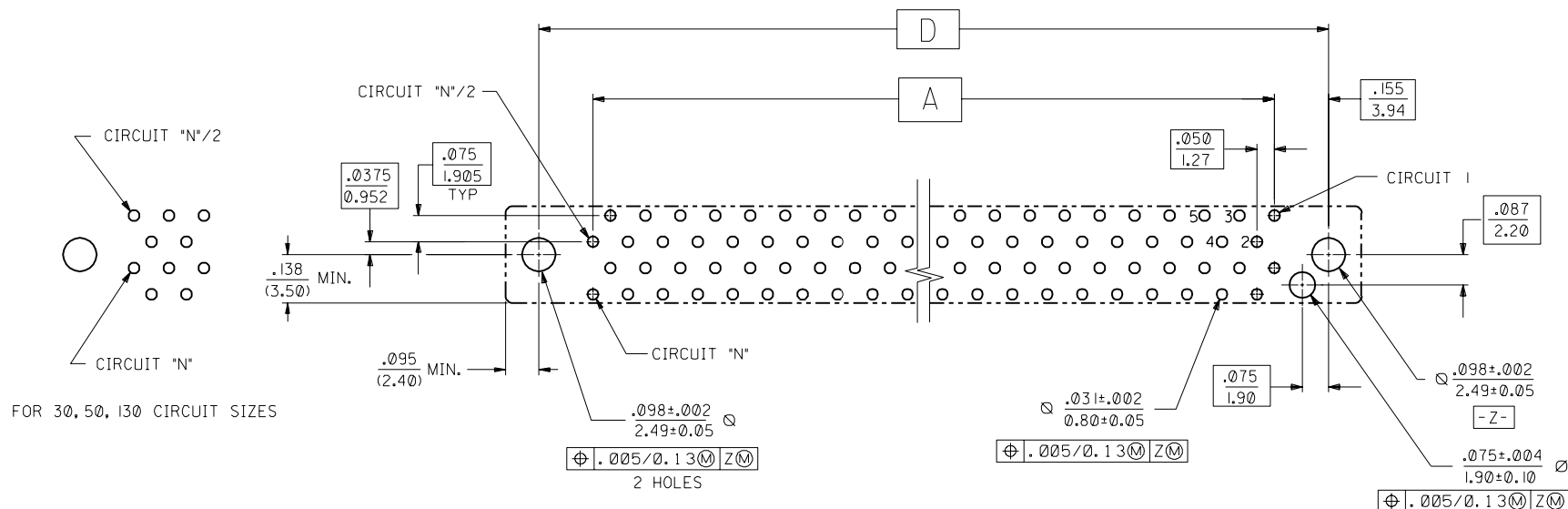
ITEM NUMBER	CKT ("N")	A	B	C	D	E
71661-7030	30	.700 (17.78)	.820 (20.83)	1.199 (30.45)	1.010 (25.65)	.110 (2.79)
71661-7040	40	.950 (24.13)	1.070 (27.18)	1.449 (36.80)	1.260 (32.00)	
71661-7050	50	1.200 (30.48)	1.320 (33.53)	1.699 (43.15)	1.510 (38.35)	
71661-7060	60	1.450 (36.83)	1.570 (39.88)	1.949 (49.50)	1.760 (44.70)	
71661-7100	100	2.450 (62.23)	2.570 (65.28)	2.949 (74.90)	2.760 (70.10)	
71661-7120	120	2.950 (74.93)	3.070 (77.98)	3.449 (87.60)	3.260 (82.80)	
71661-7130	130	3.200 (81.28)	3.320 (84.33)	3.699 (93.95)	3.510 (89.15)	
71661-7230	30	.700 (17.78)	.820 (20.83)	1.199 (30.45)	1.010 (25.65)	.134 (3.40)
71661-7240	40	.950 (24.13)	1.070 (27.18)	1.449 (36.80)	1.260 (32.00)	
71661-7250	50	1.200 (30.48)	1.320 (33.53)	1.699 (43.15)	1.510 (38.35)	
71661-7260	60	1.450 (36.83)	1.570 (39.88)	1.949 (49.50)	1.760 (44.70)	
71661-7280	80	1.950 (49.53)	2.070 (52.58)	2.449 (62.20)	2.260 (57.40)	
71661-7300	100	2.450 (62.23)	2.570 (65.28)	2.949 (74.90)	2.760 (70.10)	
71661-7320	120	2.950 (74.93)	3.070 (77.98)	3.449 (87.60)	3.260 (82.80)	
71661-7330	130	3.200 (81.28)	3.320 (84.33)	3.699 (93.95)	3.510 (89.15)	



RECOMMENDED PC BOARD LAYOUT  $\triangle 4$   
 COMPONENT SIDE  
 FOR 40, 60, 68, 80, 100, 120 CIRCUIT SIZES

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DIMENSION UNITS <b>IN/MM</b>		SCALE <b>1:1</b>		CURRENT REV DESC: OBSOLETE PART NO					
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625872					
4 PLACES ±		±		DRWN: AKUMAR19				2019/06/17	
3 PLACES ±		± 0.005		CHK'D: GB				2019/11/06	
2 PLACES ±		± 0.13 ± 0.01		APPR: GGA				2019/11/12	
1 PLACE ±		±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING	
0 PLACES ±		±		DRWN: RAN				DOCUMENT NUMBER	
ANGULAR TOL ± 0.5°				APPR: CAB				SDA-71661-7XXX	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				C-SIZE		71661		SEE TABLE	
								CUSTOMER	
								GENERAL MARKET	
								SHEET NUMBER	
								2 OF 2	

ITEM NUMBER	CKT ('N')	A	B	C	D	E
71661-7030	30	.700 (17.78)	.820 (20.83)	1.199 (30.45)	1.010 (25.65)	.110 (2.79)
71661-7040	40	.950 (24.13)	1.070 (27.18)	1.449 (36.80)	1.260 (32.00)	
71661-7050	50	1.200 (30.48)	1.320 (33.53)	1.699 (43.15)	1.510 (38.35)	
71661-7060	60	1.450 (36.83)	1.570 (39.88)	1.949 (49.50)	1.760 (44.70)	
71661-7068	68	1.650 (41.91)	1.770 (44.96)	2.149 (54.58)	1.960 (49.78)	
71661-7080	80	1.950 (49.53)	2.070 (52.58)	2.449 (62.20)	2.260 (57.40)	
71661-7100	100	2.450 (62.23)	2.570 (65.28)	2.949 (74.90)	2.760 (70.10)	
71661-7120	120	2.950 (74.93)	3.070 (77.98)	3.449 (87.60)	3.260 (82.80)	
71661-7130	130	3.200 (81.28)	3.320 (84.33)	3.699 (93.95)	3.510 (89.15)	
71661-7230	30	.700 (17.78)	.820 (20.83)	1.199 (30.45)	1.010 (25.65)	.134 (3.40)
71661-7240	40	.950 (24.13)	1.070 (27.18)	1.449 (36.80)	1.260 (32.00)	
71661-7250	50	1.200 (30.48)	1.320 (33.53)	1.699 (43.15)	1.510 (38.35)	
71661-7260	60	1.450 (36.83)	1.570 (39.88)	1.949 (49.50)	1.760 (44.70)	
71661-7268	68	1.650 (41.91)	1.770 (44.96)	2.149 (54.58)	1.960 (49.78)	
71661-7280	80	1.950 (49.53)	2.070 (52.58)	2.449 (62.20)	2.260 (57.40)	
71661-7300	100	2.450 (62.23)	2.570 (65.28)	2.949 (74.90)	2.760 (70.10)	
71661-7320	120	2.950 (74.93)	3.070 (77.98)	3.449 (87.60)	3.260 (82.80)	
71661-7330	130	3.200 (81.28)	3.320 (84.33)	3.699 (93.95)	3.510 (89.15)	



RECOMMENDED PC BOARD LAYOUT  $\triangle$   
 COMPONENT SIDE  
 FOR 40, 60, 68, 80, 100, 120 CIRCUIT SIZES

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR $\pm 1/2^\circ$	
3 PLACE $\pm .005$	INCH	---	METRIC
2 PLACE $\pm$	---	$\pm 0.13$	
1 PLACE	---	$\pm$	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY: RAN	CHK'D. BY: RAN	SCALE: 4: 1	
APP'D. BY: CAB	FILE NAME: S71661.DWT	DATE: 11/17/93	
SEE TABLE		SDA-71661-7***	
MFG. SH. REV. LTR.		REVISIONS	
K		SEE SHEET 1	
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