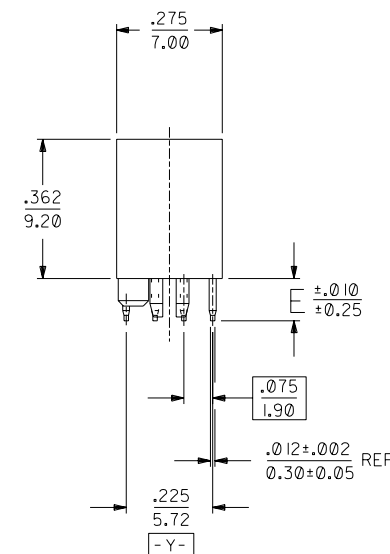
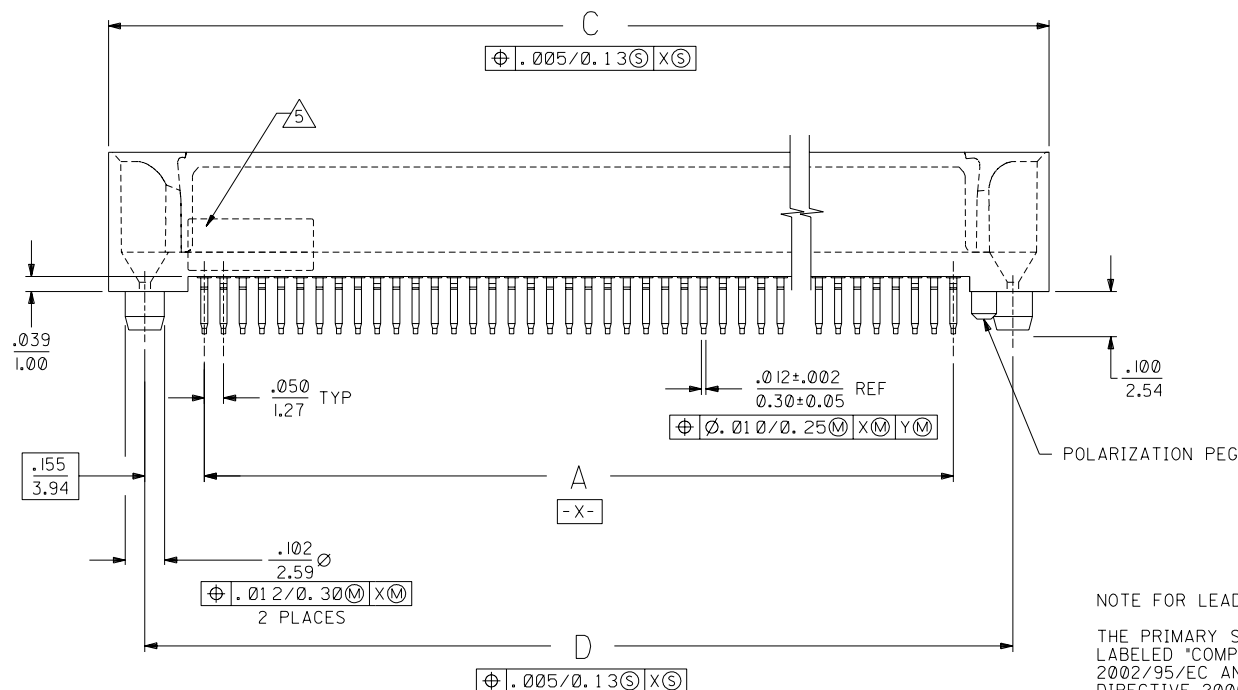


NOTES:

- 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.

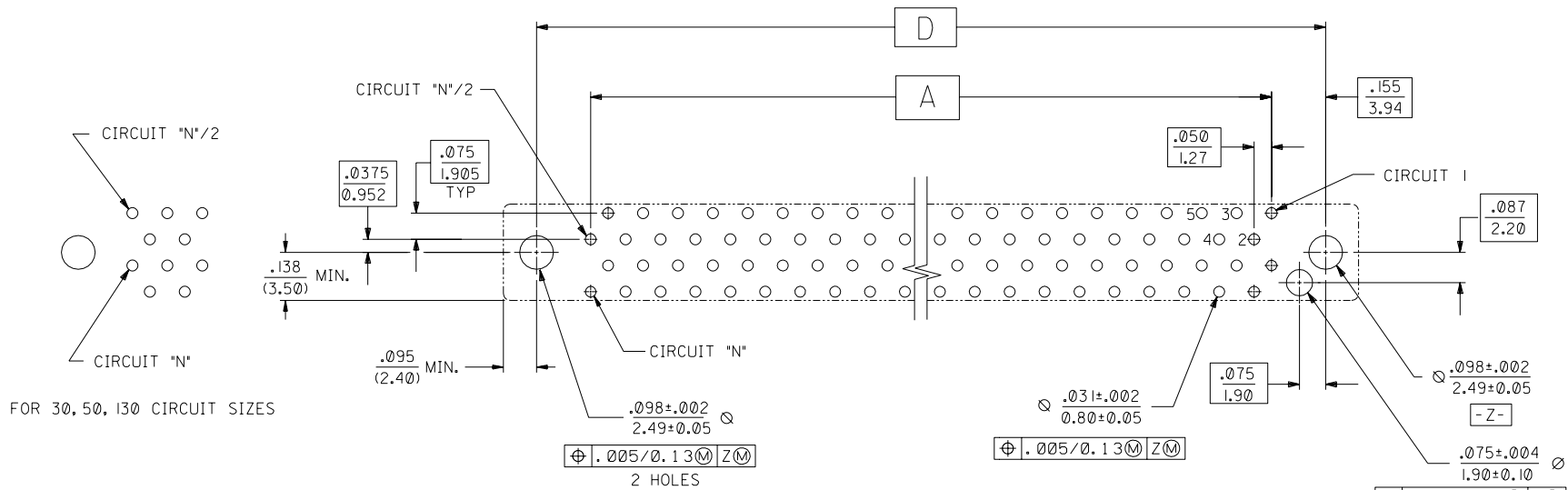


NOTE FOR LEAD FREE CONVERSION:

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.

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE		SALES ASSEMBLY EBBI 50D, VERTICAL PLUG BLIND MATE CONNECTOR																					
<table border="1"> <tr> <th></th> <th>INCH</th> <th>METRIC</th> </tr> <tr> <td>3 PLACE</td> <td>± .005</td> <td>---</td> </tr> <tr> <td>2 PLACE</td> <td>± .01</td> <td>±</td> </tr> <tr> <td>1 PLACE</td> <td>---</td> <td>±</td> </tr> </table>			INCH	METRIC	3 PLACE	± .005	---	2 PLACE	± .01	±	1 PLACE	---	±	<table border="1"> <tr> <td>2</td> <td>A</td> </tr> <tr> <td>1</td> <td>A</td> </tr> </table>		2	A	1	A	<table border="1"> <tr> <td>RELEASE</td> <td>ECR UCP2005-0053</td> </tr> <tr> <td>DATE</td> <td>04/8/20</td> </tr> </table>		RELEASE	ECR UCP2005-0053	DATE	04/8/20
	INCH	METRIC																							
3 PLACE	± .005	---																							
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1 PLACE	---	±																							
2	A																								
1	A																								
RELEASE	ECR UCP2005-0053																								
DATE	04/8/20																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LITSE, ILL. 60532 U.S.A.		SHEET NO. 1 OF 2																					
DRWG. BY RKA APP'D. BY SM		CHK'D. BY BB SCALE 4:1		PART NO. SD-71661-010																					
FILE NAME ST16611X1.DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIV. C																					

	13	12	11	10	9	8	7	6	5	4	3	2	1
ITEM NUMBER	CKT ("N")	A	B	C	D	E							
	30	.700 (17.78)	.820 (20.83)	1.199 (30.45)	1.010 (25.65)	.110 (2.79)							
	40	.950 (24.13)	1.070 (27.18)	1.449 (36.80)	1.260 (32.00)								
	50	1.200 (30.48)	1.320 (33.53)	1.699 (43.15)	1.510 (38.35)								
	60	1.450 (36.83)	1.570 (39.88)	1.949 (49.50)	1.760 (44.70)								
71661-7568	68	1.650 (41.91)	1.770 (44.96)	2.149 (54.58)	1.960 (49.78)								
71661-7081	80	1.950 (49.53)	2.070 (52.58)	2.449 (62.20)	2.260 (57.40)								
	100	2.450 (62.23)	2.570 (65.28)	2.949 (74.90)	2.760 (70.10)								
	120	2.950 (74.93)	3.070 (77.98)	3.449 (87.60)	3.260 (82.80)								
	130	3.200 (81.28)	3.320 (84.33)	3.699 (93.95)	3.510 (89.15)								
	30	.700 (17.78)	.820 (20.83)	1.199 (30.45)	1.010 (25.65)	.134 (3.40)							
	40	.950 (24.13)	1.070 (27.18)	1.449 (36.80)	1.260 (32.00)								
	50	1.200 (30.48)	1.320 (33.53)	1.699 (43.15)	1.510 (38.35)								
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	100	2.450 (62.23)	2.570 (65.28)	2.949 (74.90)	2.760 (70.10)								
	120	2.950 (74.93)	3.070 (77.98)	3.449 (87.60)	3.260 (82.80)								
	130	3.200 (81.28)	3.320 (84.33)	3.699 (93.95)	3.510 (89.15)								



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

DIMENSIONS SHOWN (METRIC) INCH		▽ = 0		MFG. SH. REV. LTR. REVISIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		= 0		REVISE ONLY ON CAD SYSTEM	
INCH METRIC		TITLE		SALES ASSEMBLY	
3 PLACE ± .005 ---		EBBI 50D, VERTICAL PLUG		BLIND MATE CONNECTOR	
2 PLACE ± --- ± 0.13		MOLEX INCORPORATED		SHEET NO. 2	
1 PLACE --- ±		LITSE, ILL. 60532		DATE 04/8/20	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO.		SD-71661-010	
DRWG. BY RKA		CHK'D. BY BB		SEE TABLE	
APP'D. BY SM		SCALE 4: 1		FILE NAME 5716611X2.DGN	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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