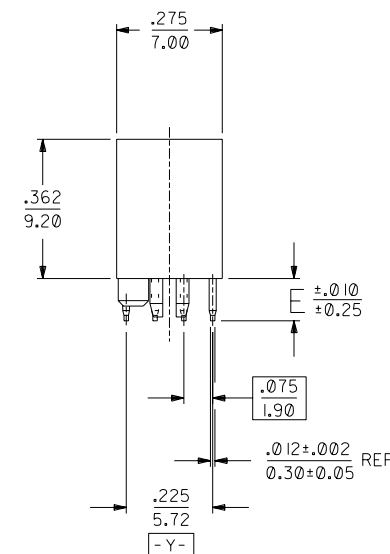
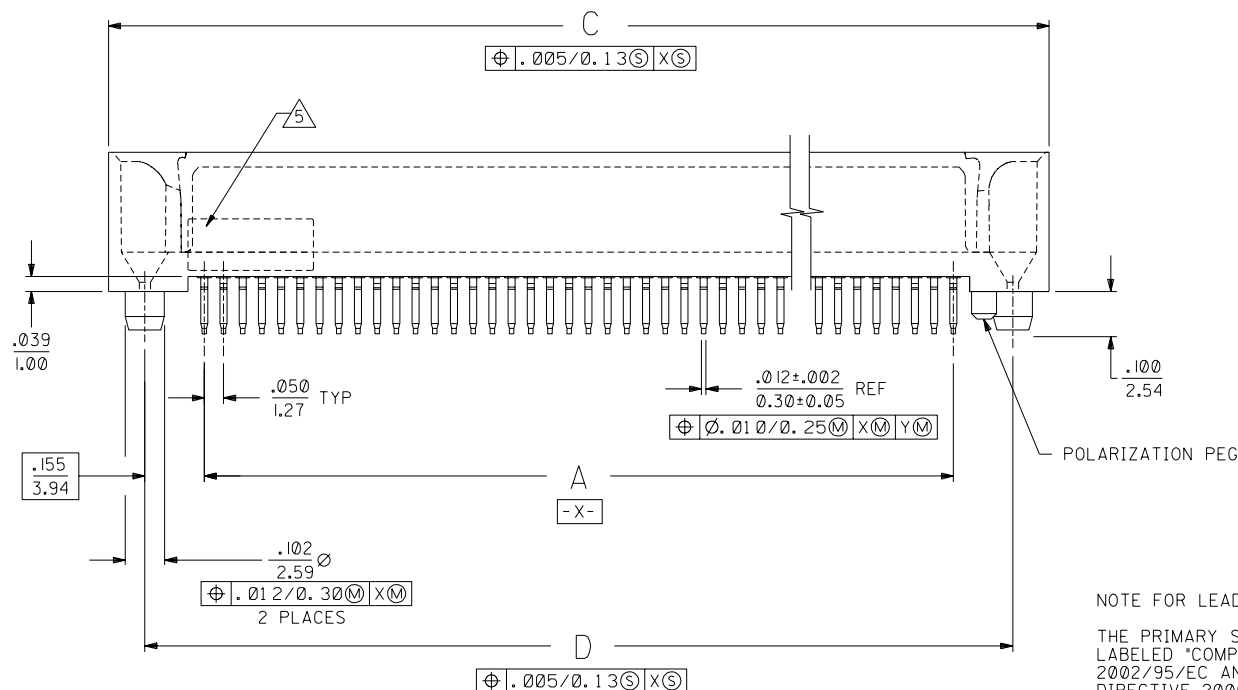


NOTES:

- 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.

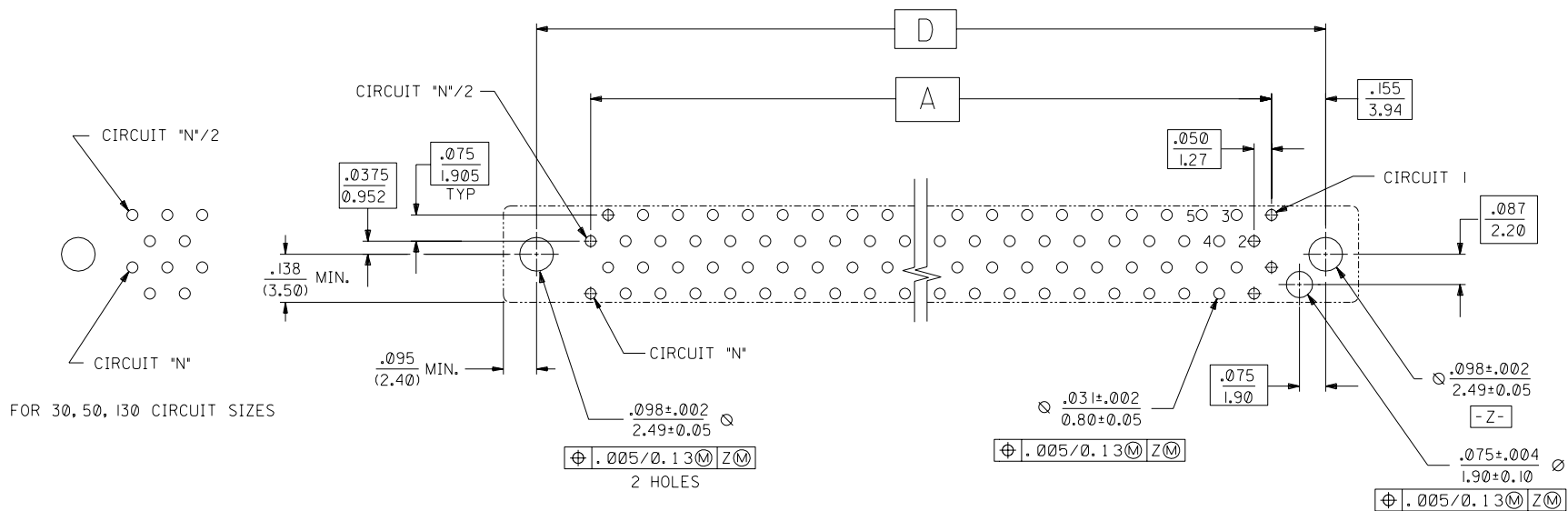


NOTE FOR LEAD FREE CONVERSION:

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 $\pm 1/2^\circ$	
3 PLACE	$\pm .005$	INCH	METRIC
2 PLACE	$\pm .01$		
1 PLACE	$\pm$		
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY	RKA	CHK'D. BY	BB
APP'D. BY	SM	SCALE	4: 1
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
ST 16611X1		DON	
TITLE		SALES ASSEMBLY	
EBBI 50D, VERTICAL PLUG		BLIND MATE CONNECTOR	
MOLEX INCORPORATED		SHEET NO. 1 OF 2	
LITSE,ILL. 60532		DATE 04/8/20	
PART NO.		DRWG. NO.	
SEE TABLE		SD-71661-010	
DIV. C		SIZE C	

	13	12	11	10	9	8	7	6	5	4	3	2	1
	ITEM NUMBER	CKT ("N")	A	B	C	D	E						
J		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)							
I	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)							
H		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)							
		60	1.450 (36.83)	1.570 (39.88)	1.949 (49.50)	1.760 (44.70)							
		68	1.650 (41.91)	1.770 (44.96)	2.149 (54.58)	1.960 (49.78)							
G		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)							



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	