

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- GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK.
TERMINALS- COPPER ALLOY

2) FINISH:

TERMINALS: GOLD (Au) IN THE CONTACT AREA;
THICKNESS= 30 MICROINCH/0.76 MICROMETER MINIMUM;

TIN (Sn) IN THE PC TAIL AREA;
THICKNESS=100 MICROINCH/2.54 MICROMETER MINIMUM;

NICKEL (Ni) UNDERPLATE OVERALL.

CONTACT AREA IS COATED WITH MOLEX PROPRIETARY LUBE

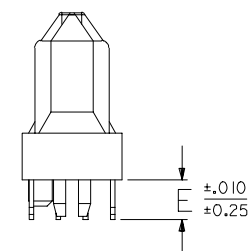
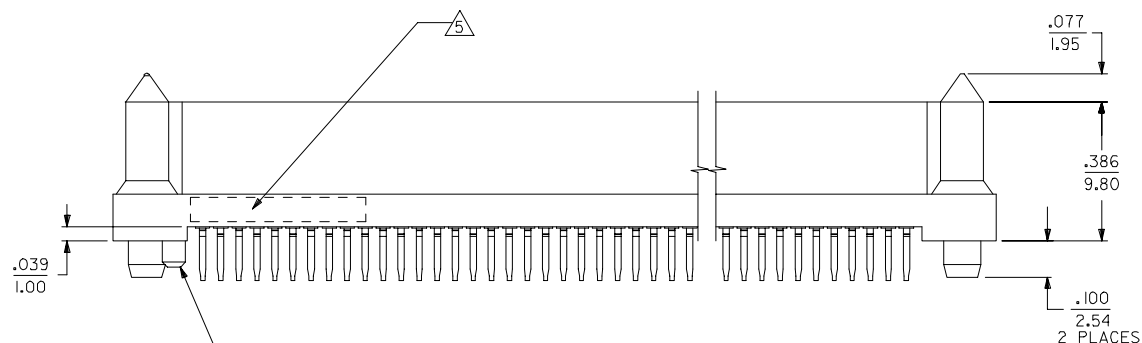
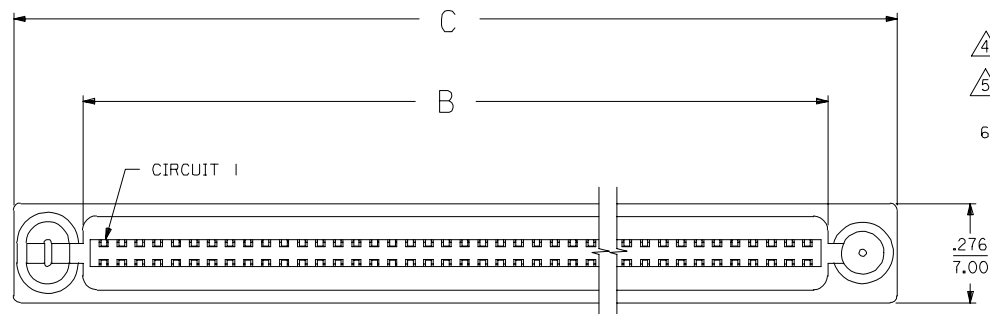
3) MATES WITH MOLEX PRODUCT 71661-7*.**

CONFORMS TO PRODUCT SPECIFICATION PS-71660.

4 RECOMMENDED P.C. BOARD THICKNESS IS .062 INCH/1.6 MM.

5 FOUR DIGIT DATE CODE TO BE LOCATED ON SURFACE
AS SHOWN.

6) PACKAGED PER MOLEX SPEC PK-71660.



2	A
1	A
SHT	REV

INITIAL RELEASE EC NO: UCP2004-2054 DRAWN: BARKER 2005/02/08 CHECKED: MORGAN 2005/02/08 APPROVED: MILLER 2005/02/11 A		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY BARKER	DATE 04/04/19	TITLE SALES ASSEMBLY - MOLEX EBBI 50D VERTICAL BLIND MATE RECEPTACLE W/ LUBE molex MOLEX INCORPORATED			
				4 PLACES	± .005	± .005	CHECKED BY MORGAN	DATE 04/04/19				
				3 PLACES	± .010	± .010	APPROVED BY MILLER	DATE 04/04/19				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	2 PLACES		± .13	± .010	ANGULAR		± 2 °	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-71660-003	SHEET NO. 1 OF 2
			1 PLACE		± 0.25	± .005						
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

12

11

10

9

8

7

6

5

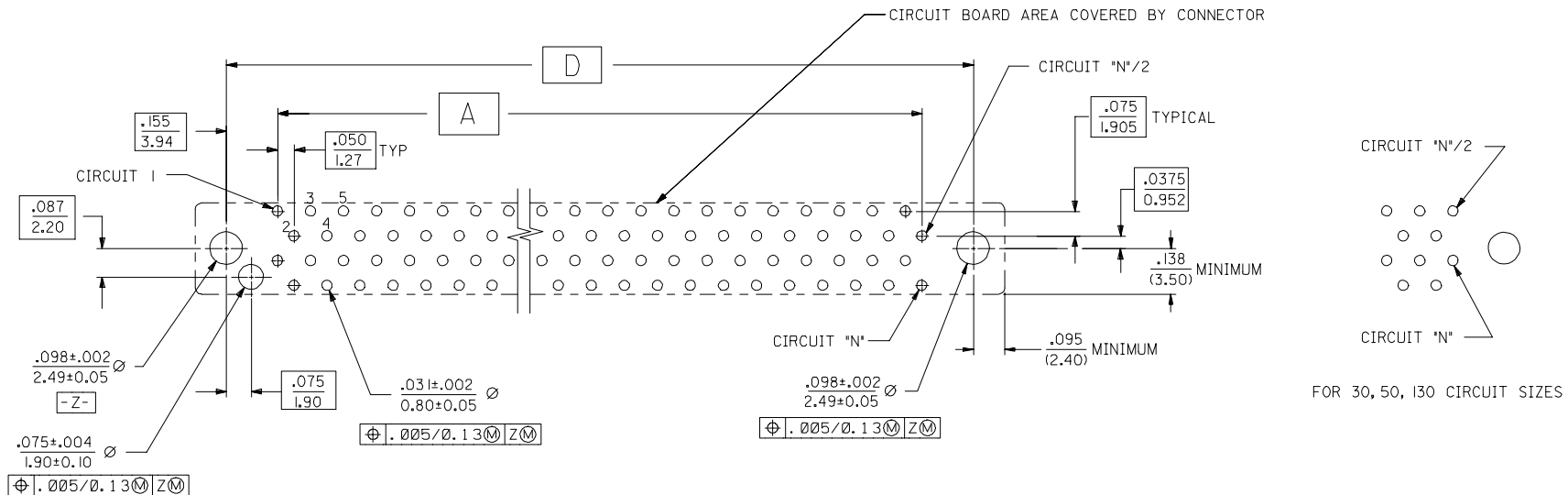
4

3

2

1

ITEM NUMBER	CKT ('N')	A	B	C	D	E
	30	.700 (17.78)	.815 (20.70)	1.199 (30.45)	1.010 (25.65)	
	40	.950 (24.13)	1.065 (27.05)	1.449 (36.80)	1.260 (32.00)	
	50	1.200 (30.48)	1.315 (33.40)	1.699 (43.15)	1.510 (38.35)	
	60	1.450 (36.83)	1.565 (39.75)	1.949 (49.50)	1.760 (44.70)	
71660-6068	68	1.650 (41.91)	1.765 (44.83)	2.149 (54.58)	1.960 (49.78)	.110 (2.79)
	80	1.950 (49.53)	2.065 (52.45)	2.449 (62.20)	2.260 (57.40)	
	100	2.450 (62.23)	2.565 (65.15)	2.949 (74.90)	2.760 (70.10)	
	120	2.950 (74.93)	3.065 (77.85)	3.449 (87.60)	3.260 (82.80)	
	130	3.200 (81.28)	3.315 (84.20)	3.699 (93.95)	3.510 (89.15)	
	30	.700 (17.78)	.815 (20.70)	1.199 (30.45)	1.010 (25.65)	
	40	.950 (24.13)	1.065 (27.05)	1.449 (36.80)	1.260 (32.00)	
	50	1.200 (30.48)	1.315 (33.40)	1.699 (43.15)	1.510 (38.35)	
	60	1.450 (36.83)	1.565 (39.75)	1.949 (49.50)	1.760 (44.70)	
	68	1.650 (41.91)	1.765 (44.83)	2.149 (54.58)	1.960 (49.78)	.134 (3.40)
	80	1.950 (49.53)	2.065 (52.45)	2.449 (62.20)	2.260 (57.40)	
	100	2.450 (62.23)	2.565 (65.15)	2.949 (74.90)	2.760 (70.10)	
	120	2.950 (74.93)	3.065 (77.85)	3.449 (87.60)	3.260 (82.80)	
	130	3.200 (81.28)	3.315 (84.20)	3.699 (93.95)	3.510 (89.15)	



INITIAL RELEASE EC NO: UCP2004-2054 DRAWN BY: BARKER CHECKED BY: MORGAN APPROVED BY: MILLER DATE: 2005/02/08 DATE: 2005/02/08 DATE: 2005/02/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE SALES ASSEMBLY - MOLEX EBBI 50D VERTICAL BLIND MATE RECEPTACLE W/ LUBE MOLEX INCORPORATED	
			mm	INCH	DRAWN BY	DATE					
			4 PLACES ± .005	± .005	BARKER	04/04/19					
			3 PLACES ± .010	± .010	MORGAN	04/04/19					
			1 PLACE ± 0.25	± .010	MILLER	04/04/19					
A	REV		ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-71660-003		2 OF 2		
					SIZE C						
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

71660-6068