

NOTES:

1. MATERIAL:

HOUSING: LIQUID CRYSTAL POLYMER (LCP), GLAS-FILLED, UL 94V-0,

COLOR: BLASK

TERMINALS: BRASS

2. FINISH:

TERMINAL: 0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECTIVE GOLD

IN CONTACT AREA; 1.27 MICROMETERS/50 MICROINCHES MINIMUM

SELECTIVE TIN IN THE PC TAIL AREA; NICKEL UNDERPLATE OVERALL

3. ASSEMBLY MATES WITH MOLEX P/N SDA-71660-\*\*\*\*

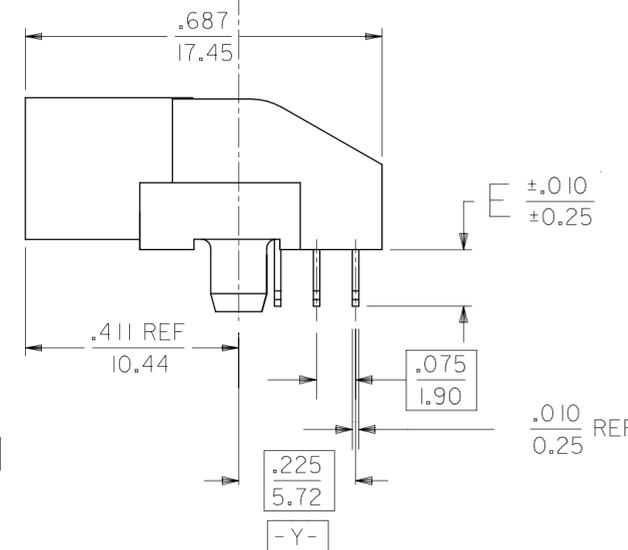
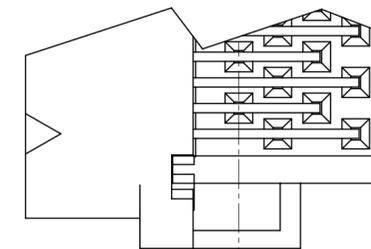
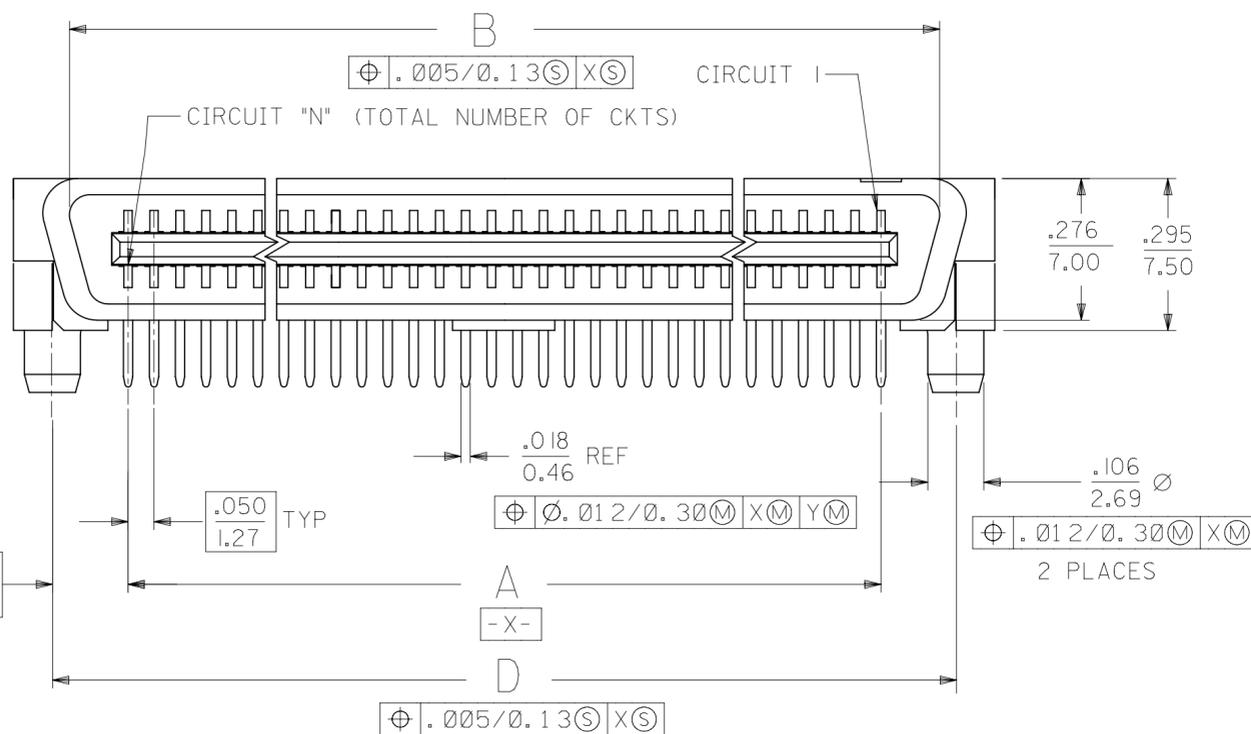
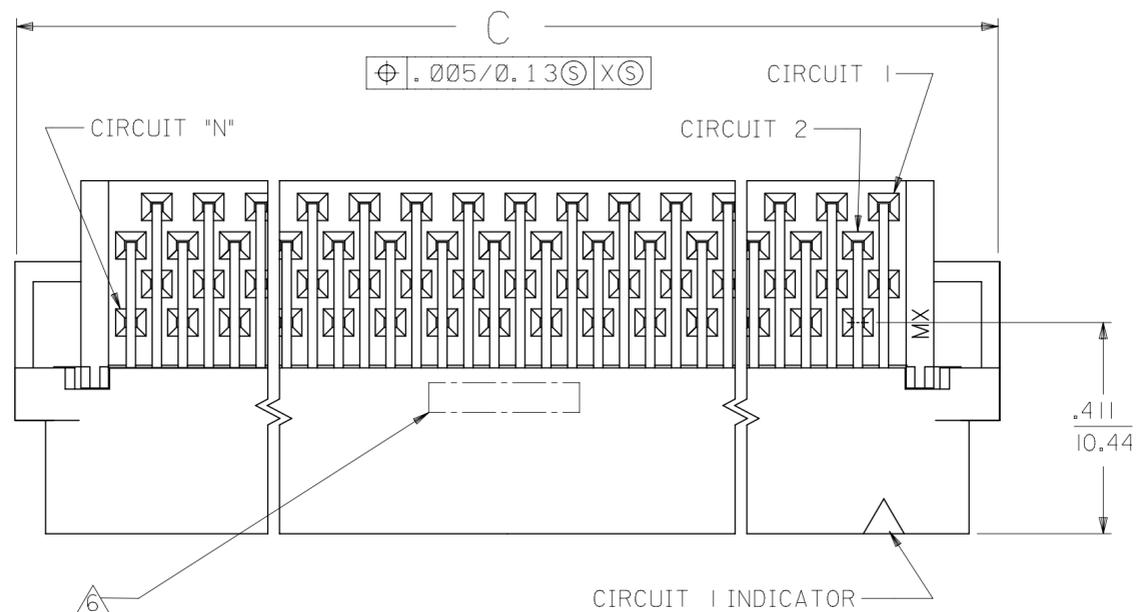
4. CONFORMS TO PRODUCT SPEC: PS-71660

5. RECOMMENDED PC BOARD THICKNESS IS .062/1.60

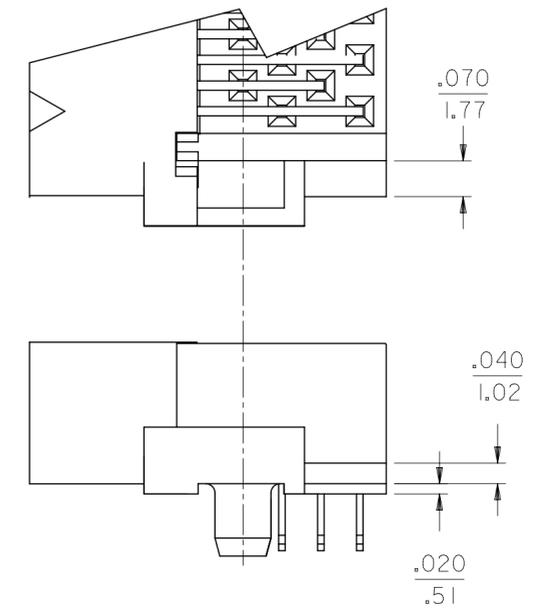
6. FOUR DIGIT DATE CODE (WK, YR) EXAMPLE 26 96 LOCATED IN AREA SHOWN

7. TOOLING STATUS: "X" INDICATES NO TOOLING AVAILABLE

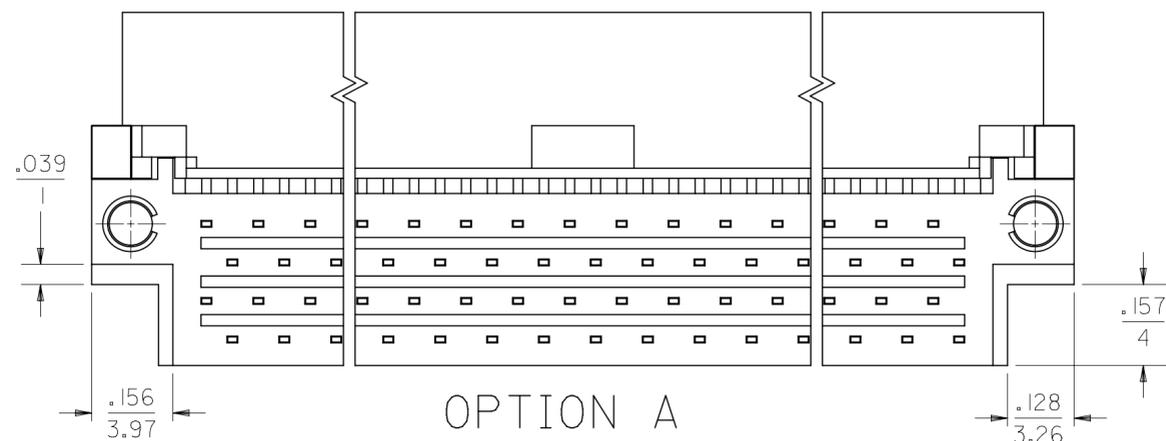
CONTACT FACTORY FOR FURTHER INFORMATION



END DETAIL  
OPTION A  
(BOTH ENDS)



END DETAIL  
OPTION B  
(BOTH ENDS)



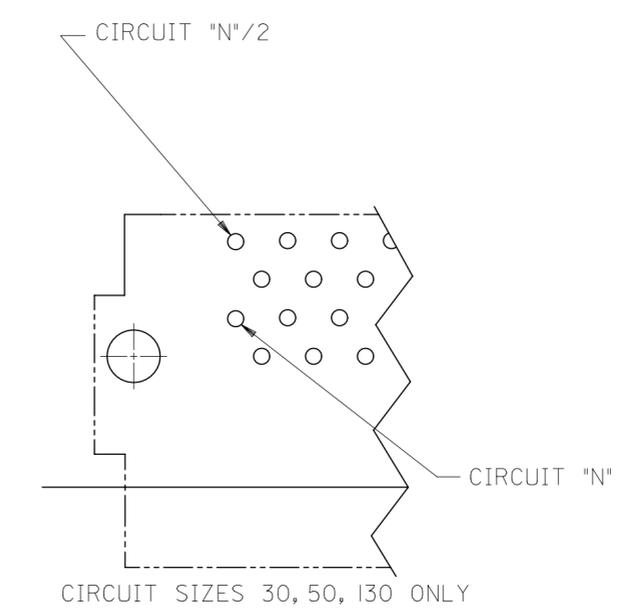
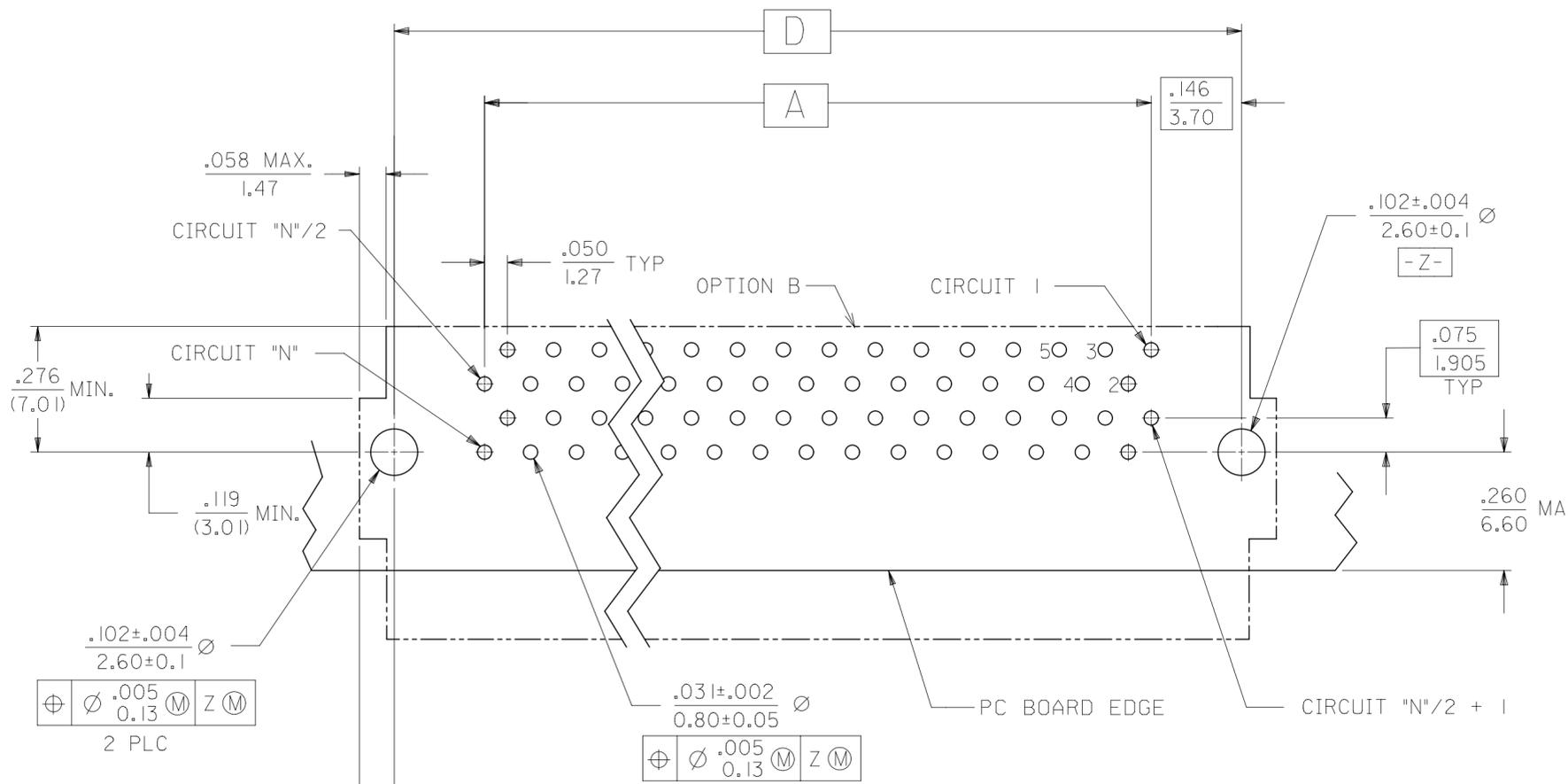
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER			
IN/MM		4:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)							
		MM	INCH				
4 PLACES	±						
3 PLACES	±		0.01				
2 PLACES	±	0.25					
1 PLACE	±						
0 PLACES	±						
ANGULAR TOL		± 0.5°					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	
				C-SIZE		SERIES	
						71661	
DOCUMENT STATUS				DOCUMENT NUMBER		DOC TYPE	
P1				SDA-71661-2XXX		PSD	
RELEASE DATE				CUSTOMER		DOC PART	
2020/10/07				GENERAL MARKET		001	
13:33:39				SHEET NUMBER		REVISION	
				1 OF 2		R	

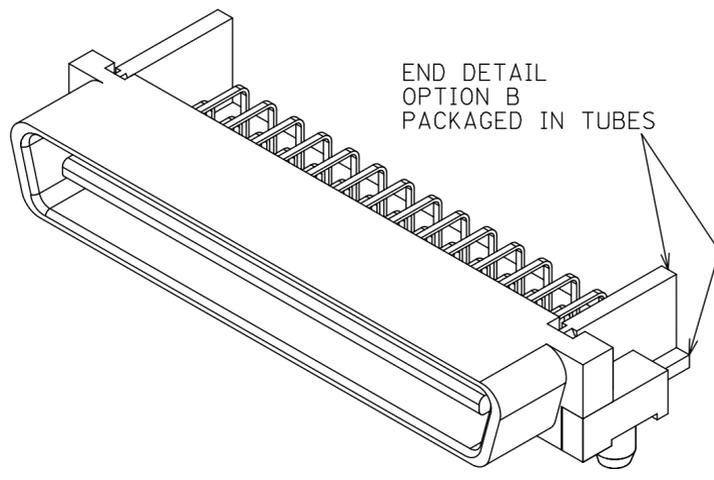
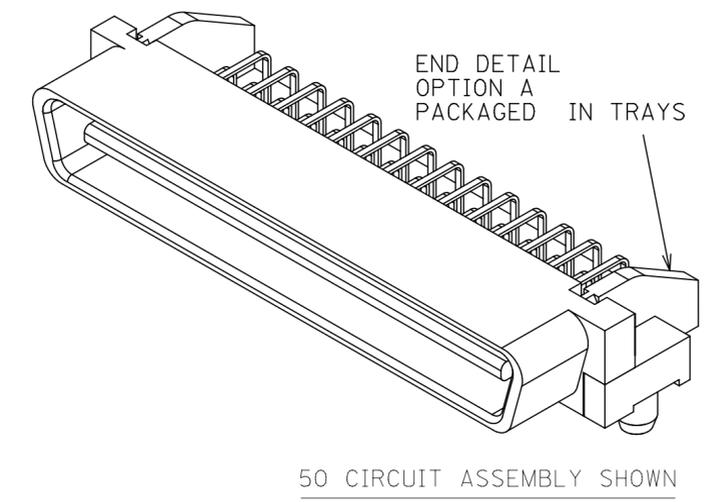
**molex**

SALES ASSEMBLY  
EBBI 50D RIGHT ANGLE PLUG CONNECTOR

PRODUCT CUSTOMER DRAWING



**RECOMMENDED PC BOARD LAYOUT 5**  
**COMPONENT SIDE**



TRAY PACK  
 PER SPEC.  
 PK-70873-084\*  
 END DETAIL  
 OPTION "A"

<b>.110</b> <b>(2.79)</b>	2.741 (69.63)	2.892 (73.45)	2.676 (67.97)	2.450 (62.23)	100	71661-2100
	1.941 (49.31)	2.092 (53.13)	1.875 (47.65)	1.650 (41.91)	68	71661-2068
	1.491 (37.88)	1.642 (41.70)	1.426 (36.22)	1.200 (30.48)	50	71661-2050
	1.241 (31.53)	1.392 (35.35)	1.176 (29.87)	.950 (24.13)	40	71661-2040
	.991 (25.18)	1.142 (29.00)	.925 (23.52)	.700 (17.78)	30	71661-2030
E	D	C	B	A	CKT ("N")	<span style="border: 1px solid black; padding: 2px;">7</span> ITEM NUMBER

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DIMENSION UNITS <b>IN/MM</b>	SCALE <b>4:1</b>	CURRENT REV DESC: OBSOLETE PART NUMBER		<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 644856		SALES ASSEMBLY EBBI 50D RIGHT ANGLE PLUG CONNECTOR		
4 PLACES	±	DRWN: RPRABHUM	2020/07/15	PRODUCT CUSTOMER DRAWING		
3 PLACES	±	CHK'D: GGA	2020/10/07			
2 PLACES	± 0.25	APPR: GGA	2020/10/07	DOCUMENT NUMBER <b>SDA-71661-2XXX</b>		
1 PLACE	±	INITIAL REVISION:				
0 PLACES	±	DRWN: RAN	1993/02/23	PSD	001	R
ANGULAR TOL	± 0.5°	APPR: CAB	1993/02/23	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING C-SIZE	SERIES 71661	SHEET NUMBER 2 OF 2	