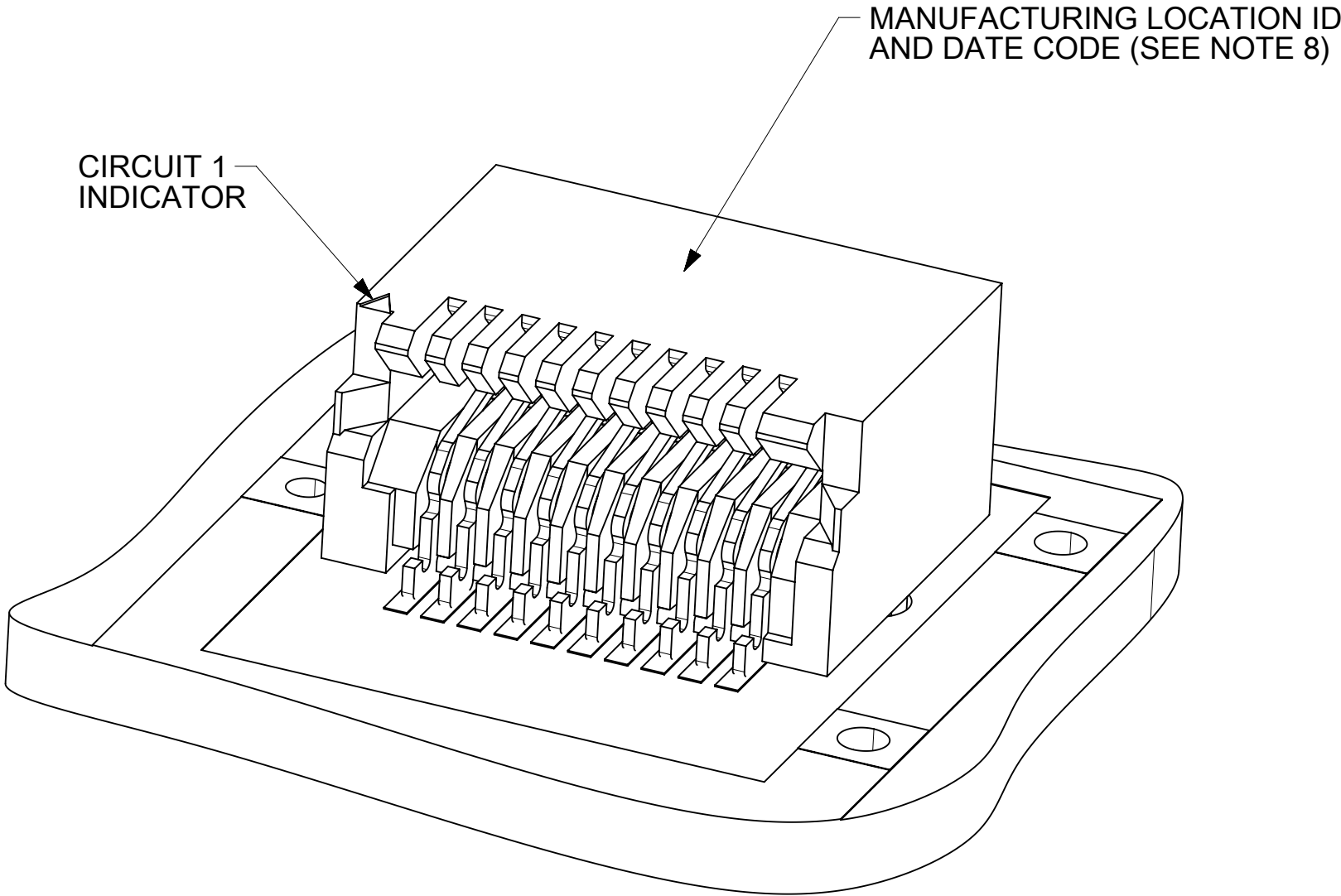


CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	DIMENSIONS				MULTI-SOURCE AGREEMENT	CIRCUIT BOARD LAYOUT
				"A"	"B"	"C"	"D"		
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	SEE SHEET 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030					
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0014	NO*	PLATED PER NOTE 3	0.76/.030					
	74441-0031	YES	PLATED PER NOTE 4	1.10/.043					
	74441-0041	YES	PLATED PER NOTE 5	1.10/.043					
30	74441-0007	YES	PLATED PER NOTE 2	1.10/.043	15.00/.591	13.40/.528	13.60/.535	XFP	SEE SHEET 4
	74441-0017	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0009	YES	PLATED PER NOTE 2	1.10/.043					
	74441-0019	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0037	YES	PLATED PER NOTE 4	1.10/.043					
40	74441-0005	YES	PLATED PER NOTE 2	1.10/.043	19.00/.748	17.40/.685	17.60/.693		SEE SHEET 5
	74441-0015	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0035	YES	PLATED PER NOTE 4	1.10/.043					
50	74441-0008	YES	PLATED PER NOTE 2	1.10/.043	23.00/.906	21.40/.843	21.60/.850		SEE SHEET 6
	74441-0018	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0038	YES	PLATED PER NOTE 5	1.10/.043					
70	74441-0003	YES	PLATED PER NOTE 2	1.10/.043	31.00/1.220	29.40/1.517	29.60/1.165	XENPAK XPAK X2	SEE SHEET 7
	74441-0013	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0033	YES	PLATED PER NOTE 4	1.10/.043					

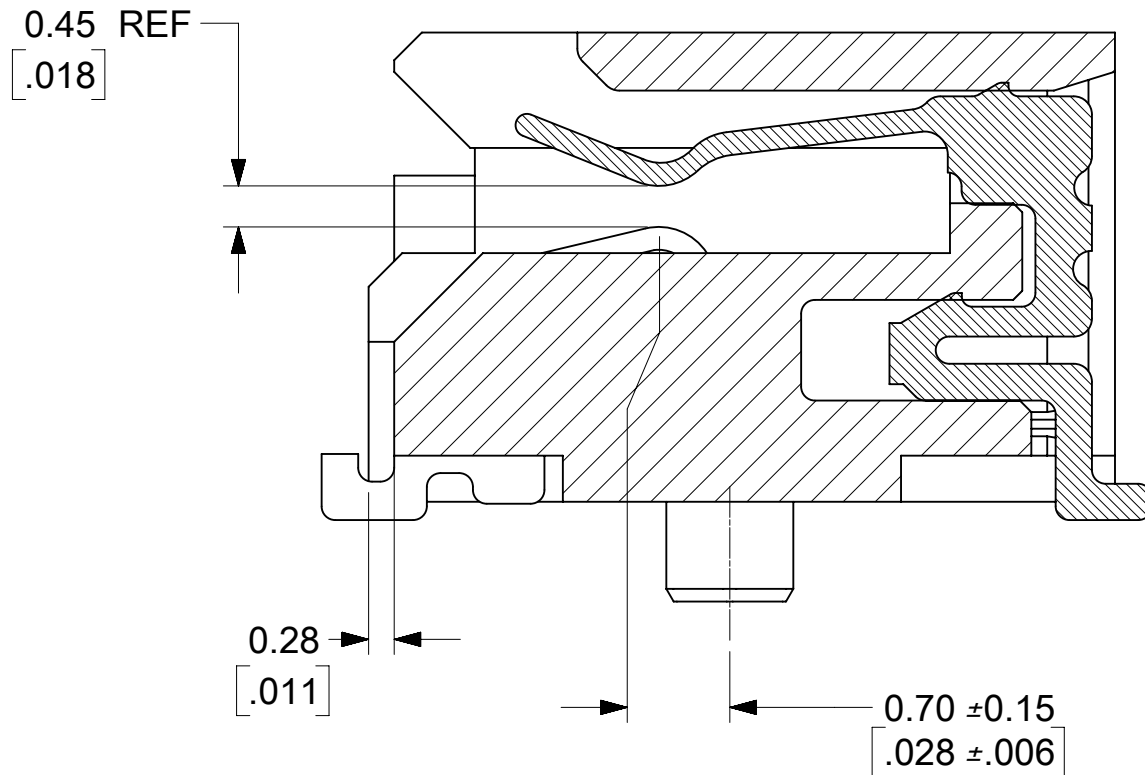
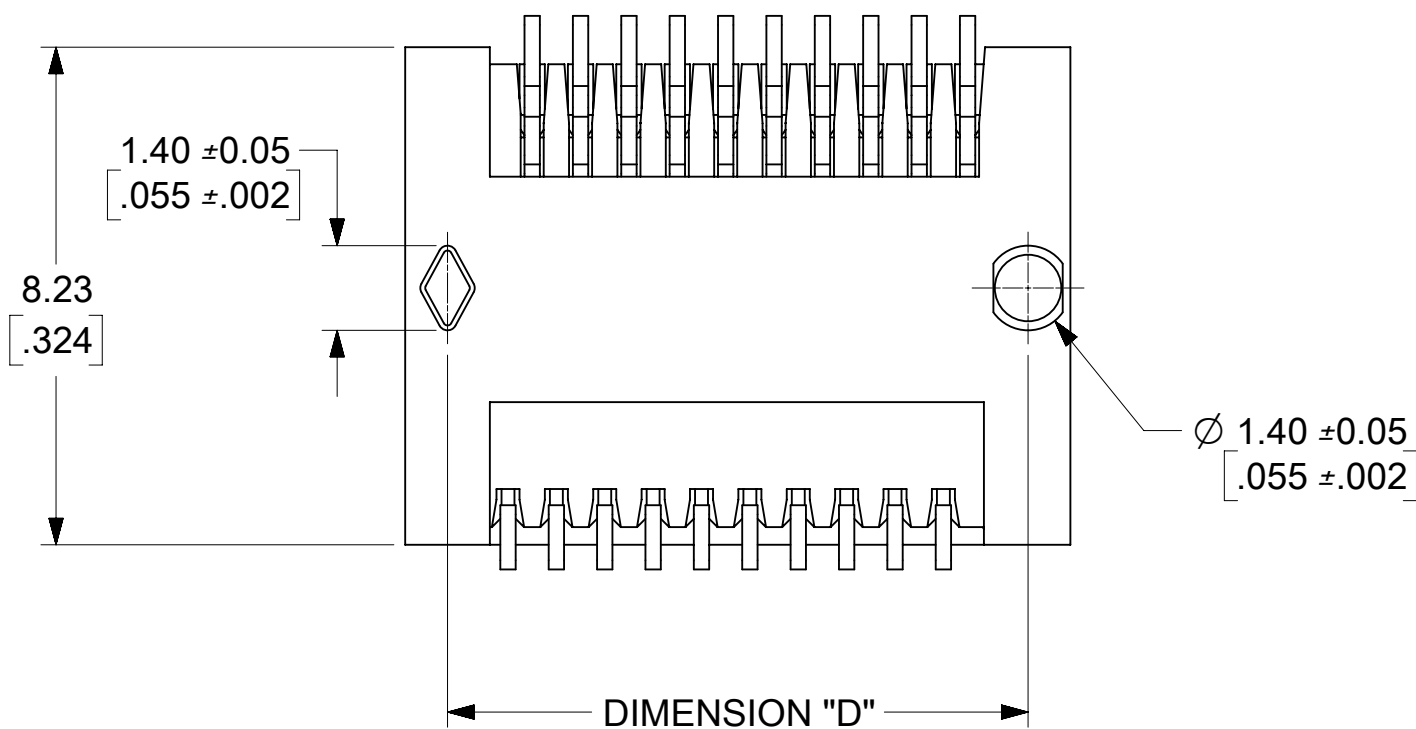
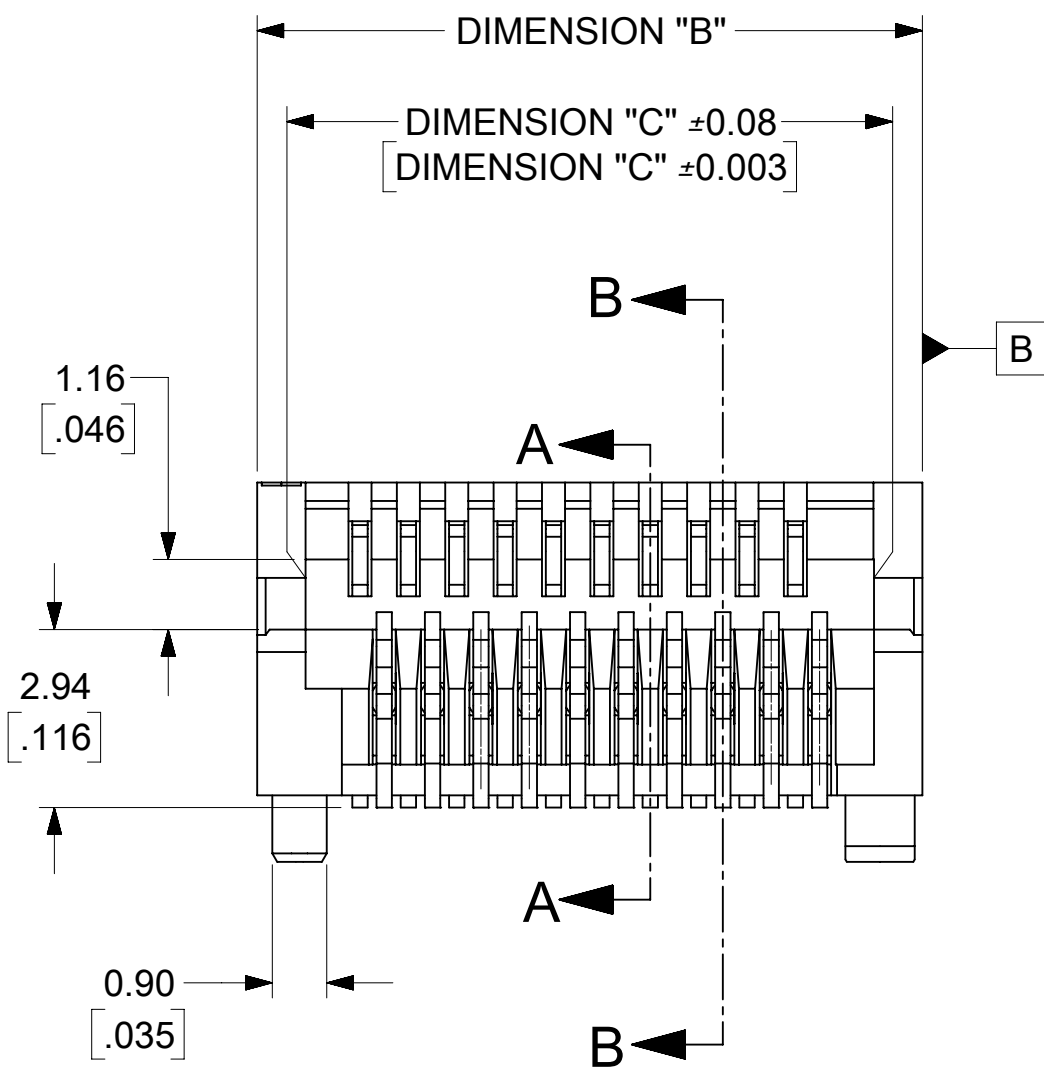
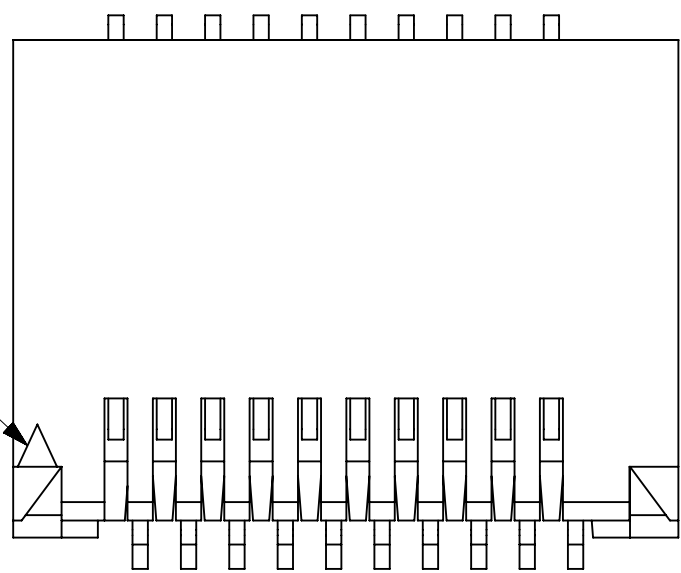
NOTES

1. MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
2. PLATING (SEE TABLE):
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER FOOT AREA - 2.54 MICROMETER MINIMUMTIN OVER NICKEL
3. PLATING (SEE TABLE):
CONTACT AREA - 0.76 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER AREA - 2.54 MICROMETER MINIMUM TIN OVER NICKEL
4. PLATING (SEE TABLE):
CONTACT AREA - 0.76 MICROMETER MINIMUM GOLD OVER
2.54 MICROMETERS MINIMUM NICKEL.
SOLDER AREA: GOLD FLASH OVER NICKEL.
5. PLATING (SEE TABLE):
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL;
SOLDER AREA: GOLD FLASH OVER NICKEL.
6. SOLDER FEET COPLANAR WITHIN 0.10/.004 FOR 20, 30 AND 40 CIRCUIT CONNECTORS,
WITHIN 0.15/.006 FOR 50 AND 70 CIRCUIT CONNECTORS
7. * CONTACT PLANT FOR MORE INFORMATION
8. DATE CODE: 4 DIGIT (3 DIGIT DAY, 1 DIGIT YEAR)
9. THE CIRCUIT 1 INDICATOR MAY VARY IN SIZE AND APPEARANCE.

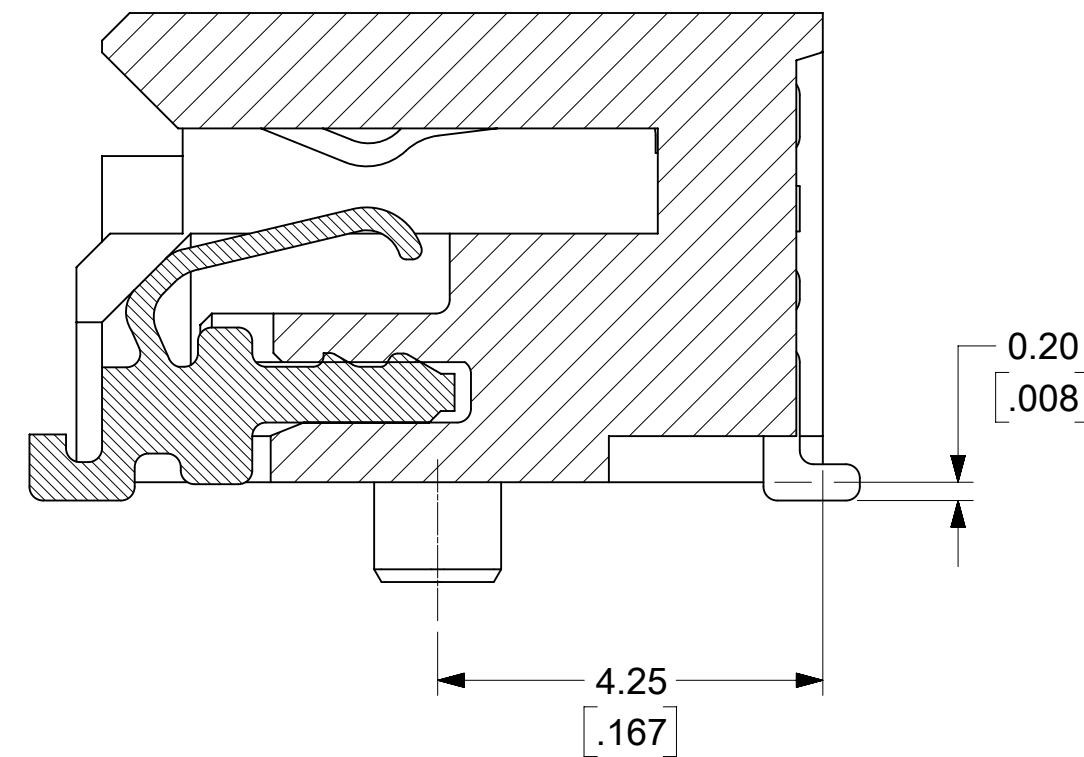
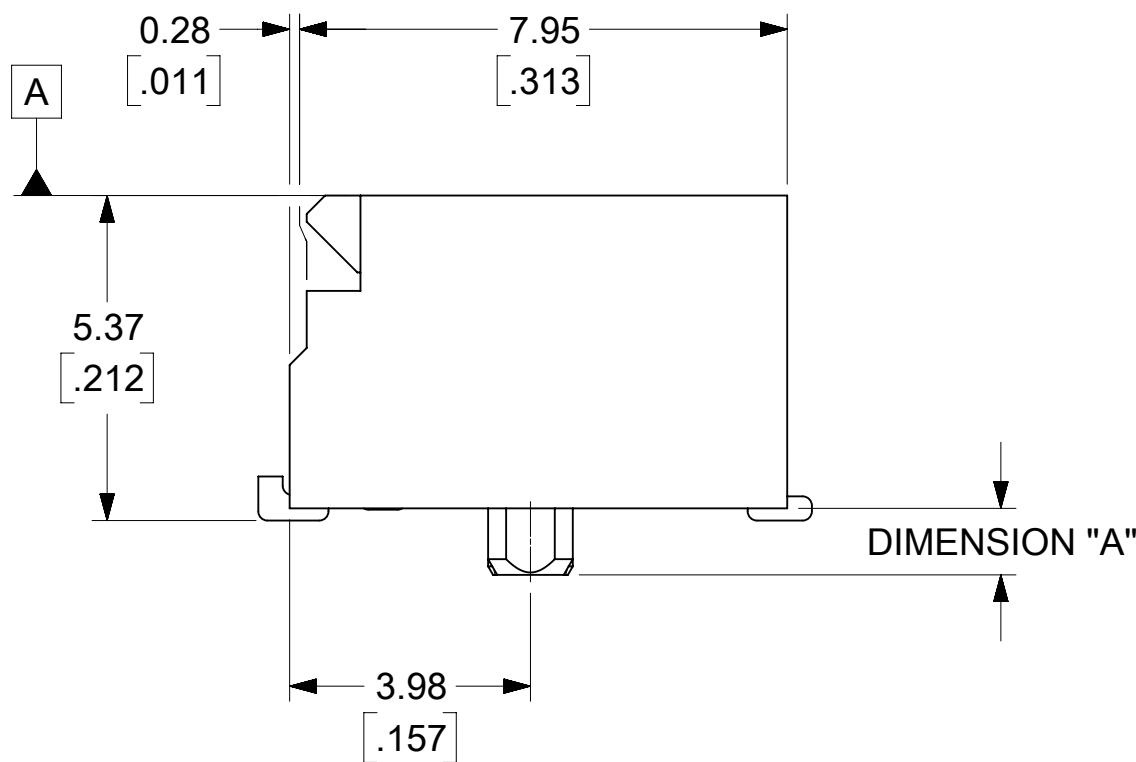


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECT DIMENSION				molex							
MM/IN		8:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602779 DRWN: RCHEN55 2018/08/17 CHK'D: JKACHLIC 2018/08/24 APPR: JKACHLIC 2018/08/24				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR							
MM		INCH													
4 PLACES	±		±												
3 PLACES	±		± 0.005												
2 PLACES	±	0.13	± 0.01												
1 PLACE	±	0.25	±												
0 PLACES	±														
ANGULAR TOL								± 0.5 °		INITIAL REVISION: DRWN: HAVERY 00/04/06 APPR: MBANAKIS 00/04/06				DOCUMENT NUMBER	
						SD-74441-001		PSD	001					AB	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		74441		SEE TABLE		GENERAL MARKET		1 OF 7	

CIRCUIT 1
INDICATOR



SECTION A-A
SCALE 12:1



SECTION B-B
SCALE 12:1

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: CORRECT DIMENSION				molex				
MM/IN		8:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
	MM		INCH									
4 PLACES	±		±	EC NO: 602779		DRWN: RCHEN55		2018/08/17		PRODUCT CUSTOMER DRAWING		
3 PLACES	±		± 0.005	CHK'D: JKACHLIC		2018/08/24						
2 PLACES	± 0.13		± 0.01	APPR: JKACHLIC		2018/08/24						
1 PLACE	± 0.25		±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±		±	DRWN: HAVERY		00/04/06		SD-74441-001		PSD	001	AB
ANGULAR TOL		± 0.5 °		APPR: MBANAKIS		00/04/06						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	74441	SEE TABLE		GENERAL MARKET		2 OF 7

molex

SALES ASSEMBLY
Z AXIS PLUGGABLE PCB CONNECTOR

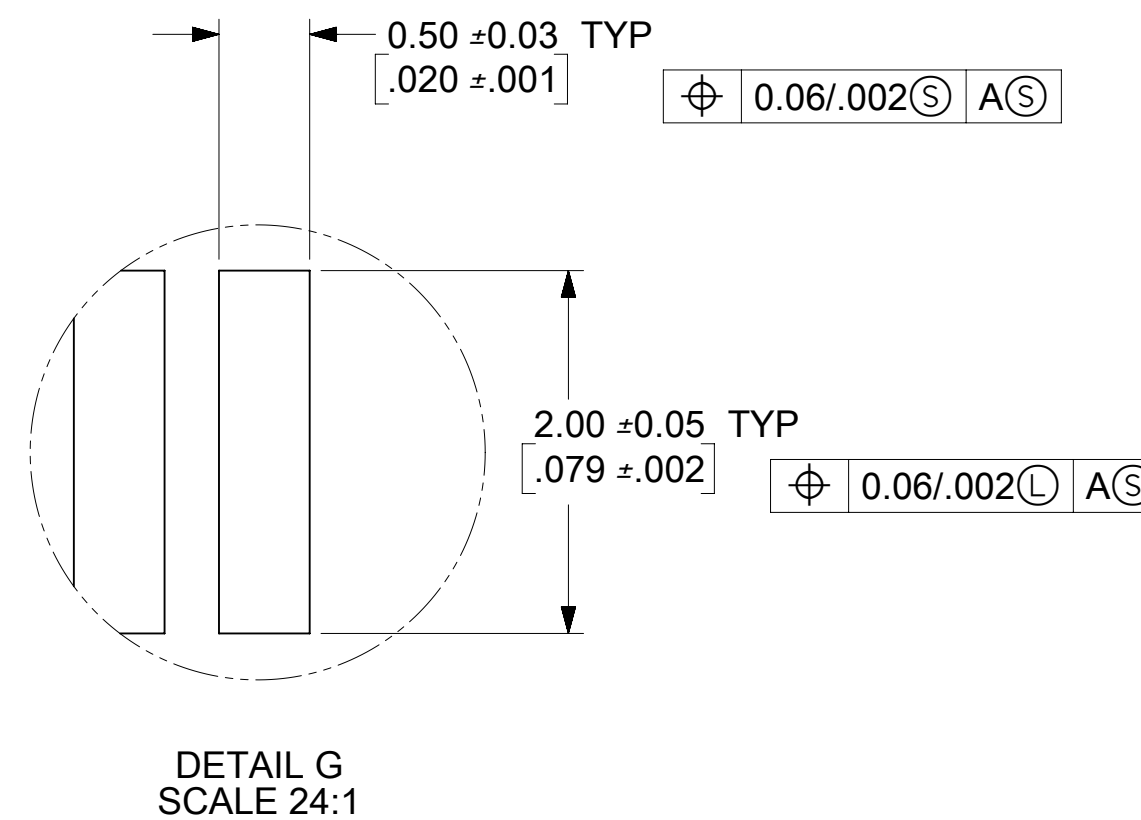
PRODUCT CUSTOMER DRAWING

SD-74441-001

PSD 001 AB

SEE TABLE GENERAL MARKET 2 OF 7

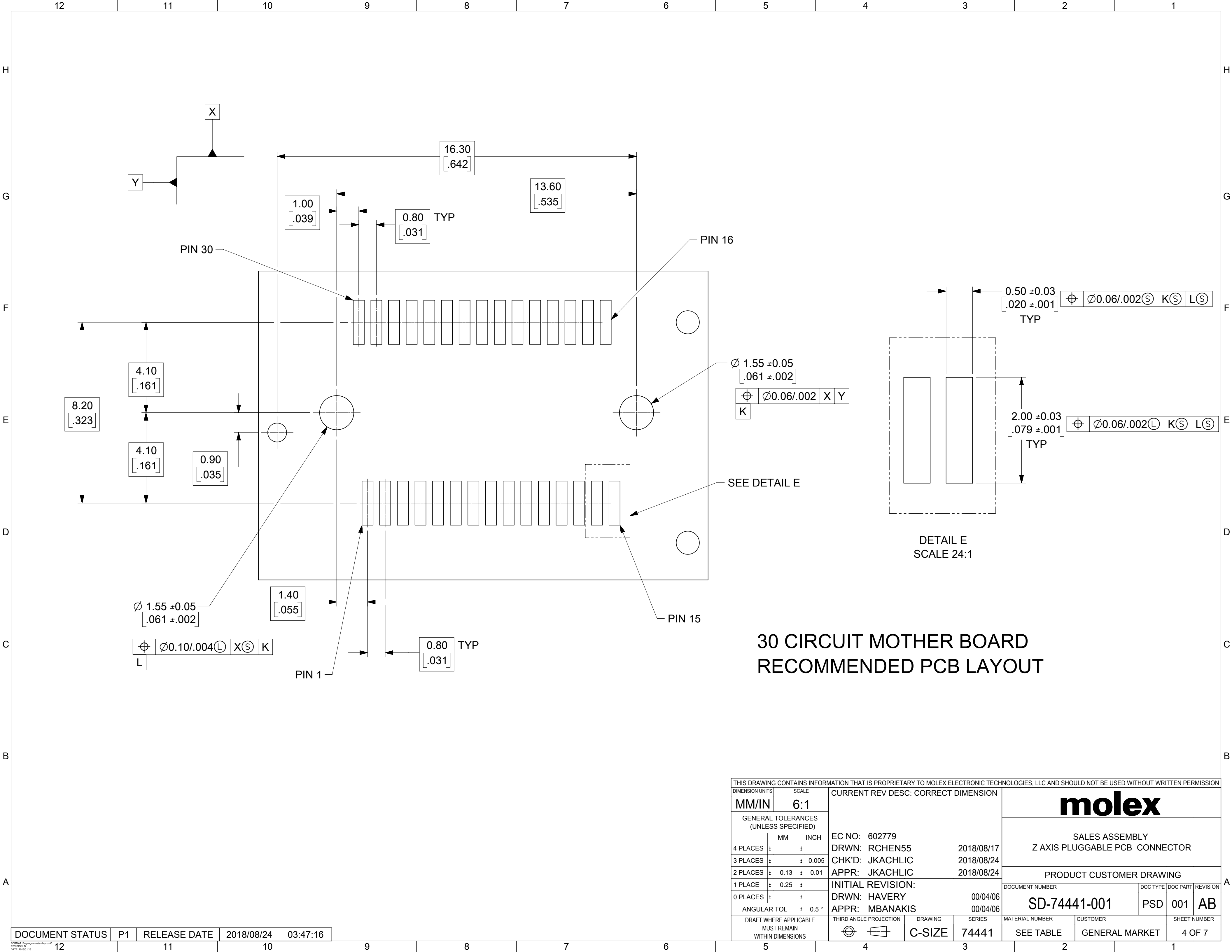
DOCUMENT STATUS P1 RELEASE DATE 2018/08/24 03:47:16



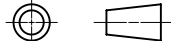
THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

SCALE 10:1

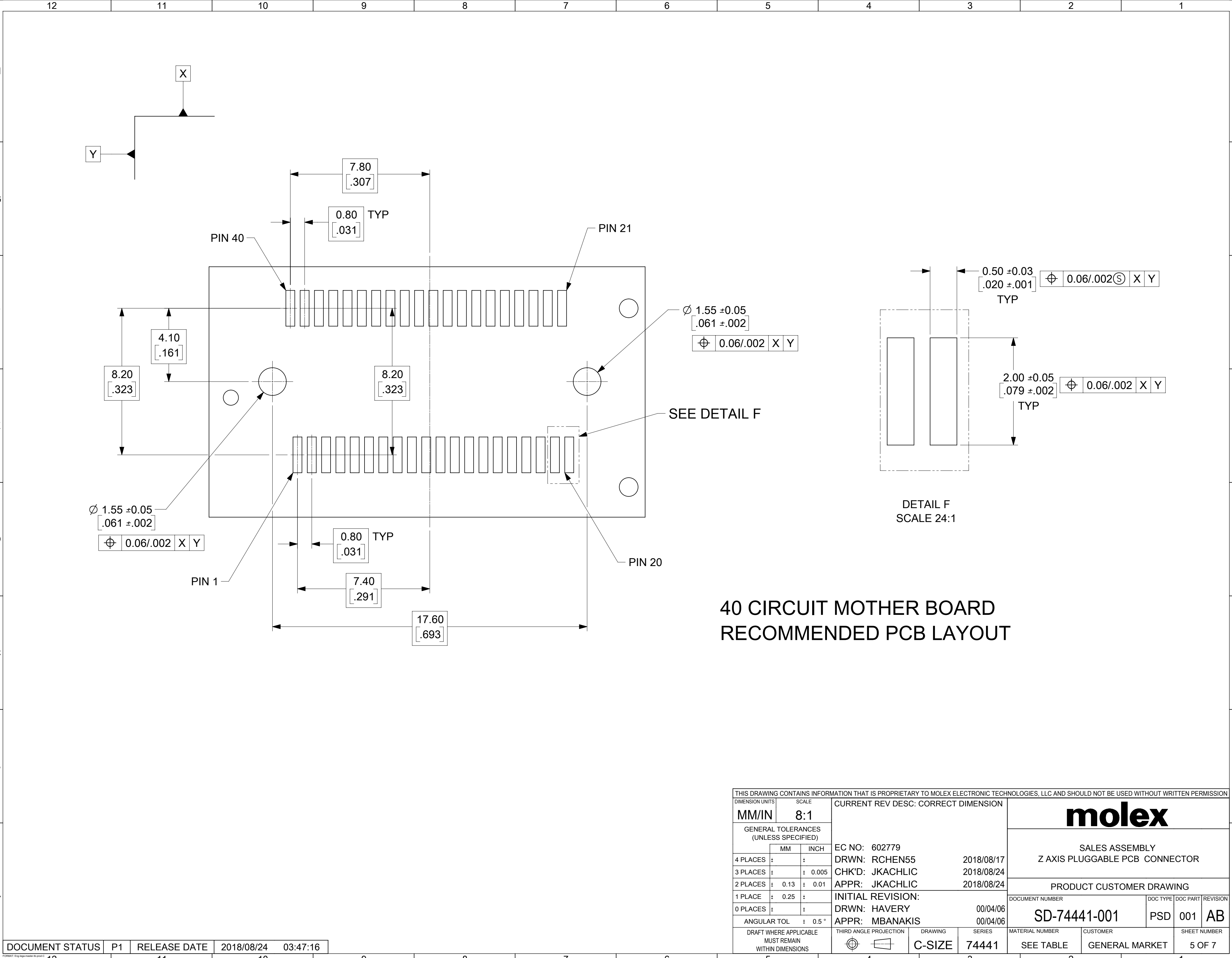
FORMAT: Eng-lega-master-ib-prod-C	12	11	10
REVISION: D			



30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

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: CORRECT DIMENSION				molex SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
MM/IN		6:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602779 DRWN: RCHEN55 2018/08/17 CHK'D: JKACHLIC 2018/08/24 APPR: JKACHLIC 2018/08/24				PRODUCT CUSTOMER DRAWING				
4 PLACES		±	MM	±		INCH		±		DOCUMENT NUMBER		
3 PLACES		±			±		0.005		DOC TYPE			
2 PLACES		±	0.13	±		0.01		DOC PART		REVISION		
1 PLACE		±	0.25	±				SD-74441-001		PSD		
0 PLACES		±			±				001		AB	
ANGULAR TOL				±		0.5 °		00/04/06		00/04/06		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		
						C-SIZE		74441		SEE TABLE		
										CUSTOMER		
										GENERAL MARKET		
										SHEET NUMBER		
										4 OF 7		

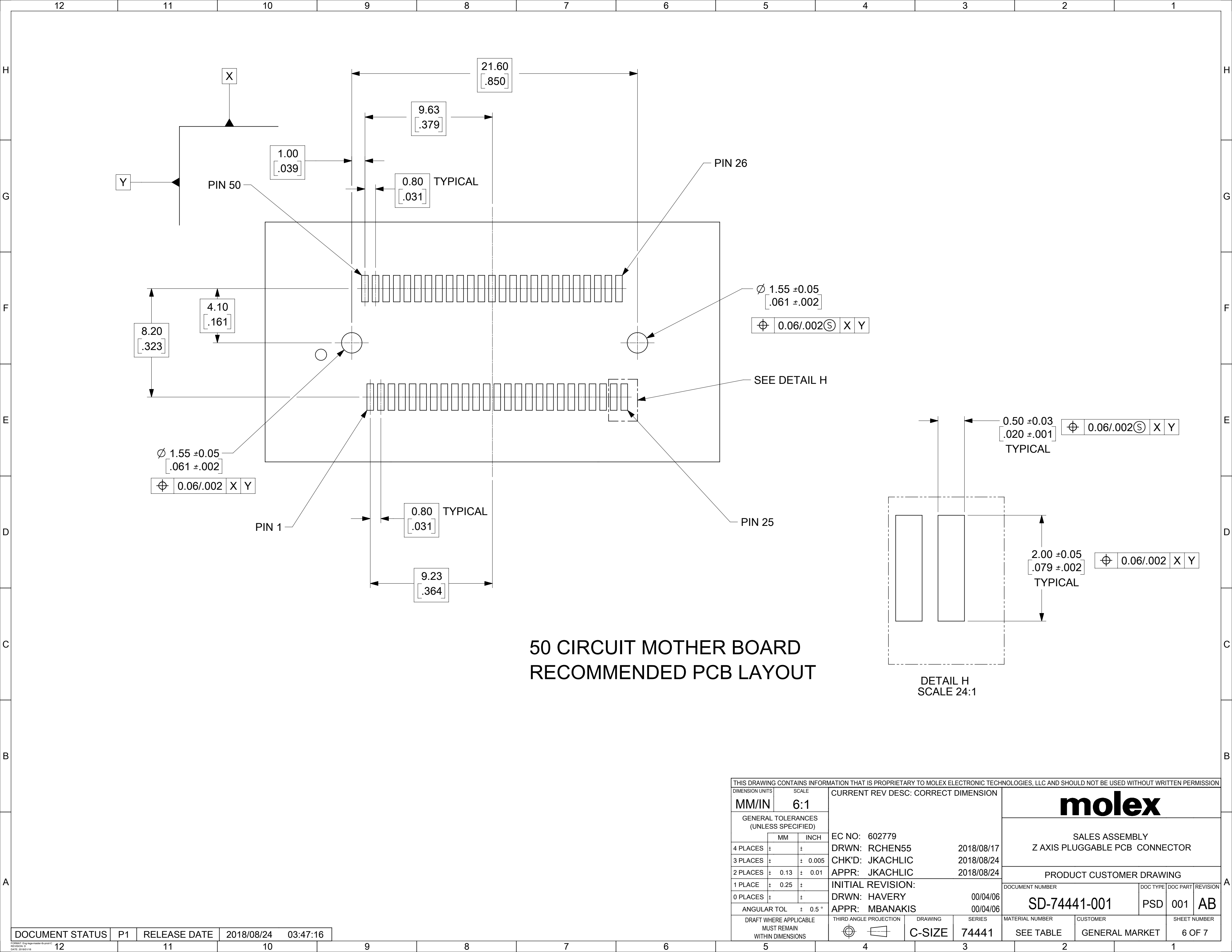
DOCUMENT STATUS	P1	RELEASE DATE	2018/08/24	03:47:16
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40 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

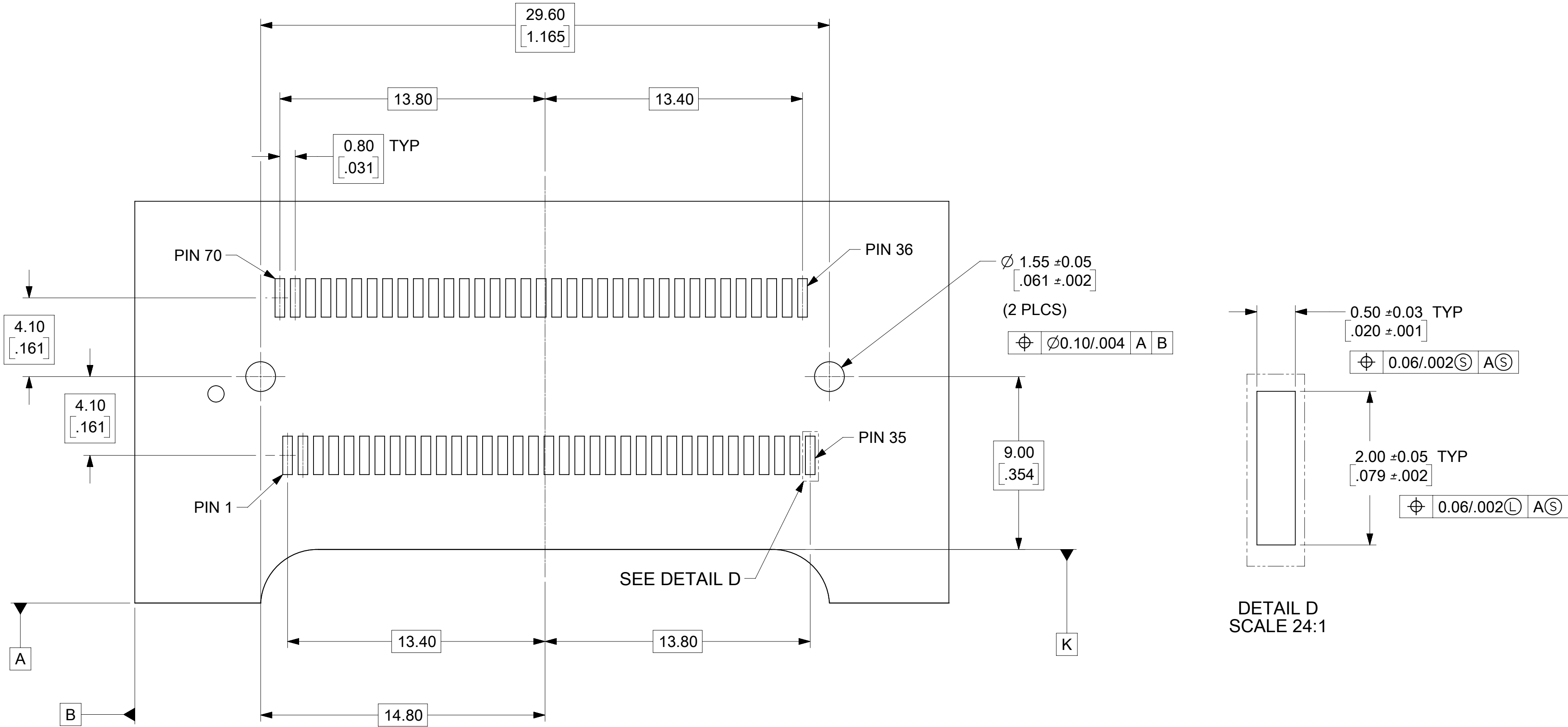
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECT DIMENSION				molex			
MM/IN		8:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602779 DRWN: RCHEN55 2018/08/17 CHK'D: JKACHLIC 2018/08/24 APPR: JKACHLIC 2018/08/24				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR			
4 PLACES		±		MM		INCH		PRODUCT CUSTOMER DRAWING			
3 PLACES		±		± 0.005		±					
2 PLACES		±	0.13	± 0.01		±		DOCUMENT NUMBER SD-74441-001			
1 PLACE		±	0.25	±		±					
0 PLACES		±		±		±		DOC PART 001			
ANGULAR TOL		±	0.5 °					REVISION AB			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						C-SIZE		74441		SEE TABLE	
								CUSTOMER		SHEET NUMBER	
								GENERAL MARKET		5 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/24	03:47:16
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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: CORRECT DIMENSION					molex SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR						
MM/IN		6:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
		MM	INCH	EC NO: 602779					PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-74441-001 DOC TYPE PSD DOC PART 001 REVISION AB						
4 PLACES		±	±	DRWN: RCHEN55 2018/08/17											
3 PLACES		±	± 0.005	CHK'D: JKACHLIC 2018/08/24											
2 PLACES		± 0.13	± 0.01	APPR: JKACHLIC 2018/08/24											
1 PLACE		± 0.25	±	INITIAL REVISION:					DOCUMENT NUMBER SD-74441-001 DOC TYPE PSD DOC PART 001 REVISION AB						
0 PLACES		±	±	DRWN: HAVERY 00/04/06											
ANGULAR TOL		± 0.5 °		APPR: MBANAKIS 00/04/06											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		74441		SEE TABLE		GENERAL MARKET		6 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/24	03:47:16
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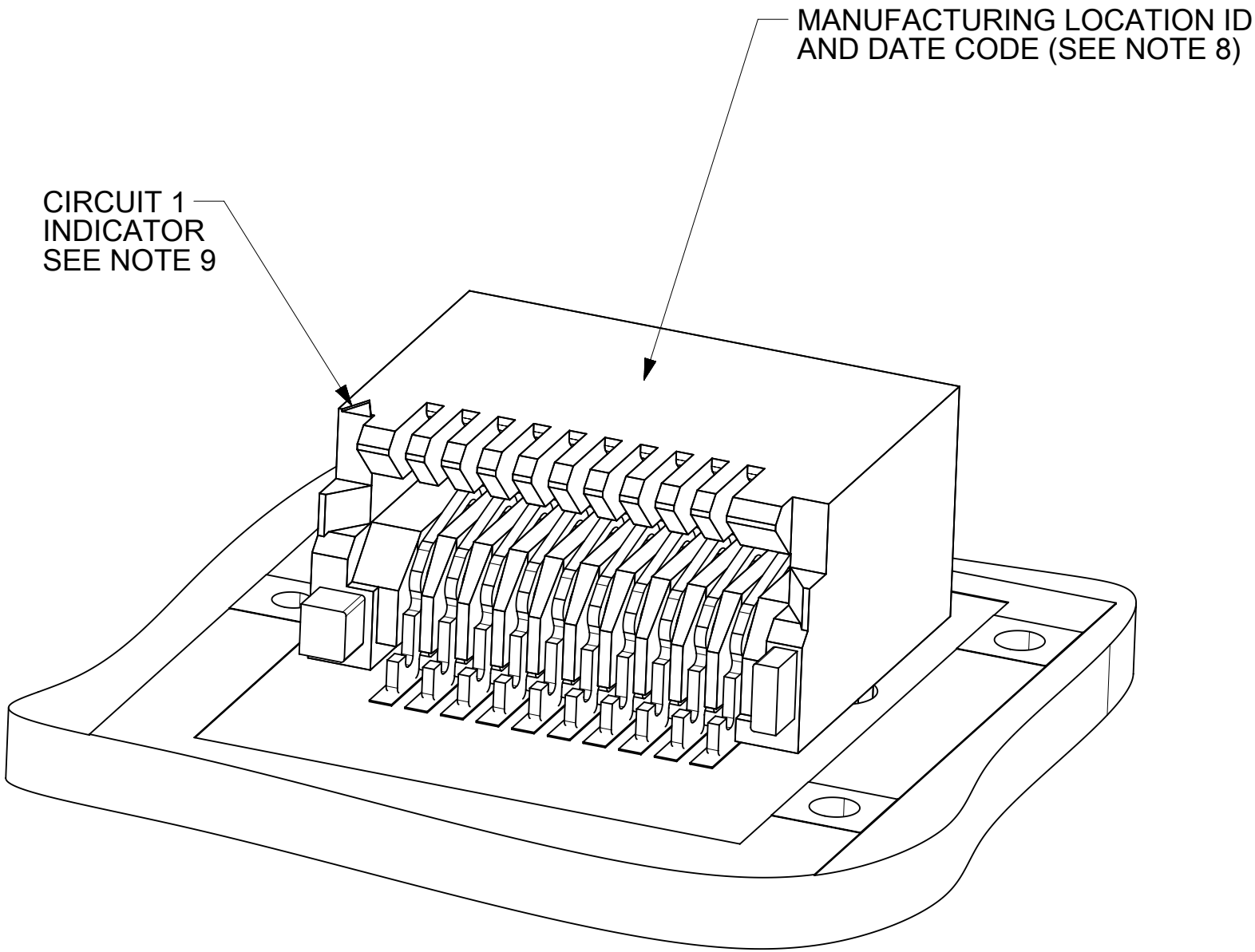


70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

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: CORRECT DIMENSION					molex									
MM/IN		6:1																
GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 602779 DRWN: RCHEN55 2018/08/17 CHK'D: JKACHLIC 2018/08/24 APPR: JKACHLIC 2018/08/24 INITIAL REVISION: DRWN: HAVERY 00/04/06 APPR: MBANAKIS 00/04/06					SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
	MM		INCH															
4 PLACES		±		±		PRODUCT CUSTOMER DRAWING												
3 PLACES		±		± 0.005														
2 PLACES		±	0.13	± 0.01														
1 PLACE		±	0.25	±														
0 PLACES		±				DOCUMENT NUMBER		DOC TYPE						DOC PART		REVISION		
ANGULAR TOL		±		0.5 °		SD-74441-001		PSD						001		AB		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
						C-SIZE		74441		SEE TABLE		GENERAL MARKET		7 OF 7				

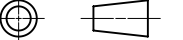
DOCUMENT STATUS	P1	RELEASE DATE	2018/08/24	03:47:16
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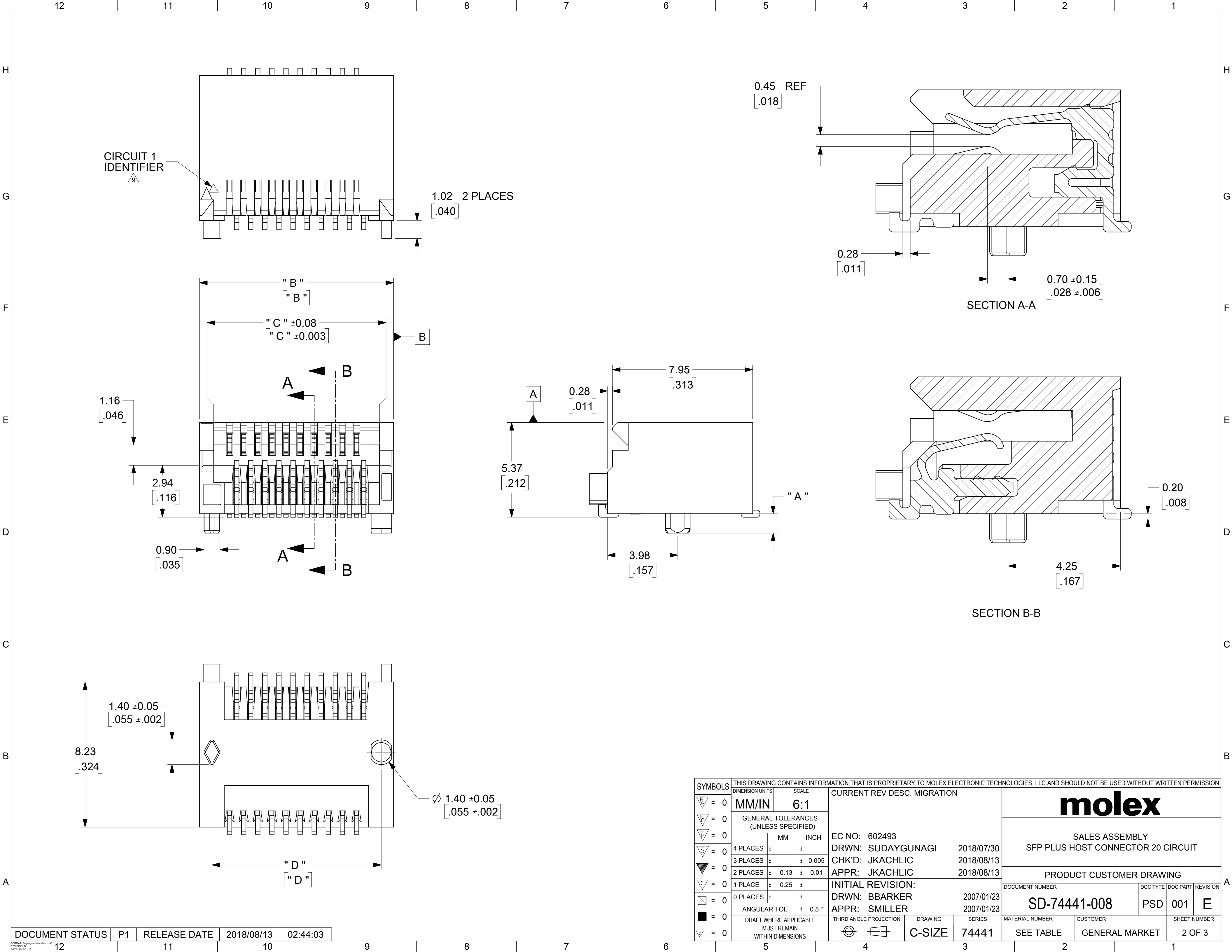
CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	" A "	" B "	" C "	" D "	MULTI-SOURCE AGREEMENT	CONNECTOR DRAWING	CIRCUIT BOARD DRAWING
20	74441-5001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP+	PAGE 2	PAGE 3
	74441-5010	YES	PLATED PER NOTE 3	1.10/.043						



NOTES

1. MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
2. PLATING:
CONTACT AREA - 0.38 µM MIN GOLD OVER 2.54 µM MIN NICKEL
SOLDER FOOT AREA - 2.54 - 5.09 µM TIN OVER 2.54 µM MIN NICKEL.
3. PLATING:
CONTACT AREA - 0.76 µM MIN GOLD OVER 2.54 µM NICKEL
SOLDER AREA - 2.54 -5.09 µM TIN OVER 2.54 µM MIN NICKEL
4. PLATING:
CONTACT AREA - 0.76 µM MIN GOLD OVER 2.54 µM NICKEL; LUBRICATED
SOLDER AREA: GOLD FLASH OVER 2.54 µM MIN NICKEL.
5. PLATING:
CONTACT AREA - 0.76 µM MIN GOLD OVER 2.54 µM NICKEL;
SOLDER AREA: GOLD FLASH OVER 2.54 µM MIN NICKEL.
6. TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.10/.004 FOR 20, 30 AND 40 CIRCUIT CONNECTORS
TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.15/.006 FOR 70 CIRCUIT CONNECTOR
7. * CONTACT PLANT FOR MORE INFORMATION
8. DATE CODE: 4 DIGIT (3 DIGIT DATE, 1 DIGIT YEAR)
9. THE CIRCUIT ONE INDICATOR MAY VARY IN SIZE AND APPEARANCE.

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION					molex										
	MM/IN		1:1																	
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 602493 DRWN: SUDAYGUNAGI 2018/07/30 CHK'D: JKACHLIC 2018/08/13 APPR: JKACHLIC 2018/08/13					SALES ASSEMBLY SFP PLUS HOST CONNECTOR 20 CIRCUIT					
 = 0																				
 = 0	MM		INCH		INITIAL REVISION: DRWN: BBARKER 2007/01/23 APPR: SMILLER 2007/01/23										DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
	4 PLACES ±		±												SD-74441-008			PSD	001	E
 = 0	3 PLACES ±		± 0.005																	
	2 PLACES ± 0.13 ± 0.01		THIRD ANGLE PROJECTION							DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
 = 0	1 PLACE ± 0.25 ±																			
	0 PLACES ±																			
 = 0	ANGULAR TOL ± 0.5 °						C-SIZE		74441		SEE TABLE		GENERAL MARKET		1 OF 3					
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																			
 = 0																				



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION			molex SALES ASSEMBLY SFP PLUS HOST CONNECTOR 20 CIRCUIT						
	MM/IN		6:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
			MM		INCH		EC NO: 602493			PRODUCT CUSTOMER DRAWING				
	4 PLACES		±		±		DRWN: SUDAYGUNAGI 2018/07/30							
	3 PLACES		±		± 0.005		CHK'D: JKACHLIC 2018/08/13							
	2 PLACES		± 0.13		± 0.01		APPR: JKACHLIC 2018/08/13							
	1 PLACE		± 0.25		±		INITIAL REVISION:			DOCUMENT NUMBER SD-74441-008 DOC TYPE PSD DOC PART 001 REVISION E				
	0 PLACES		±		±		DRWN: BBARKER 2007/01/23							
	ANGULAR TOL		± 0.5 °		±		APPR: SMILLER 2007/01/23							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				C-SIZE		74441		SEE TABLE		GENERAL MARKET		2 OF 3		

