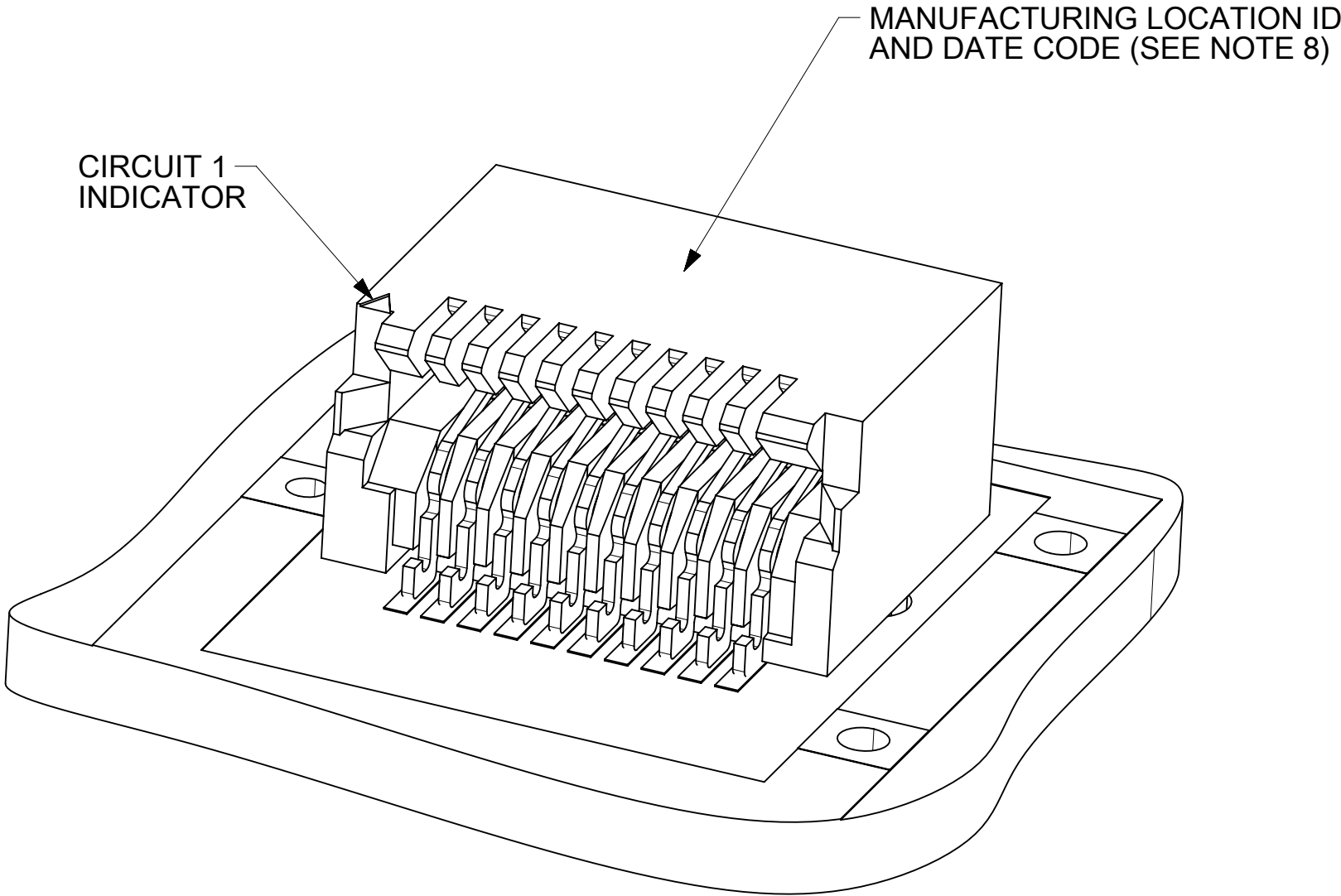



CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	DIMENSIONS				MULTI-SOURCE AGREEMENT	CIRCUIT BOARD LAYOUT
				"A"	"B"	"C"	"D"		
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	SEE SHEET 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030					
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0014	NO*	PLATED PER NOTE 3	0.76/.030					
	74441-0041	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
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 5

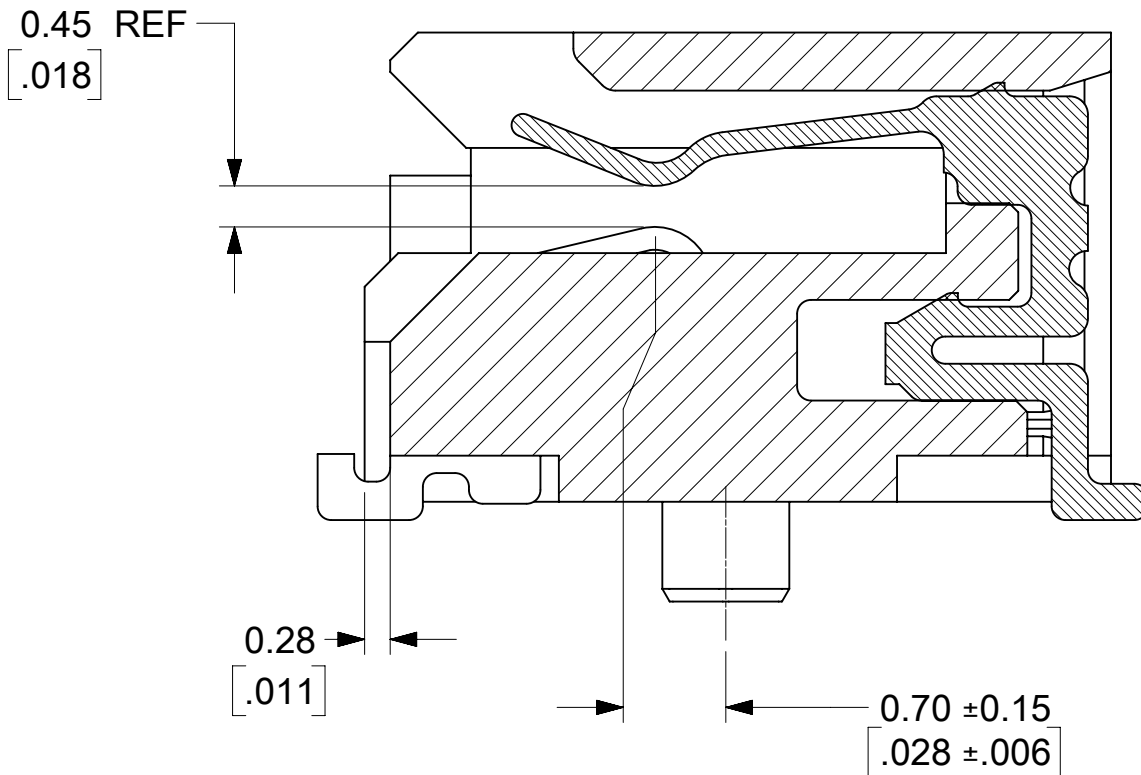
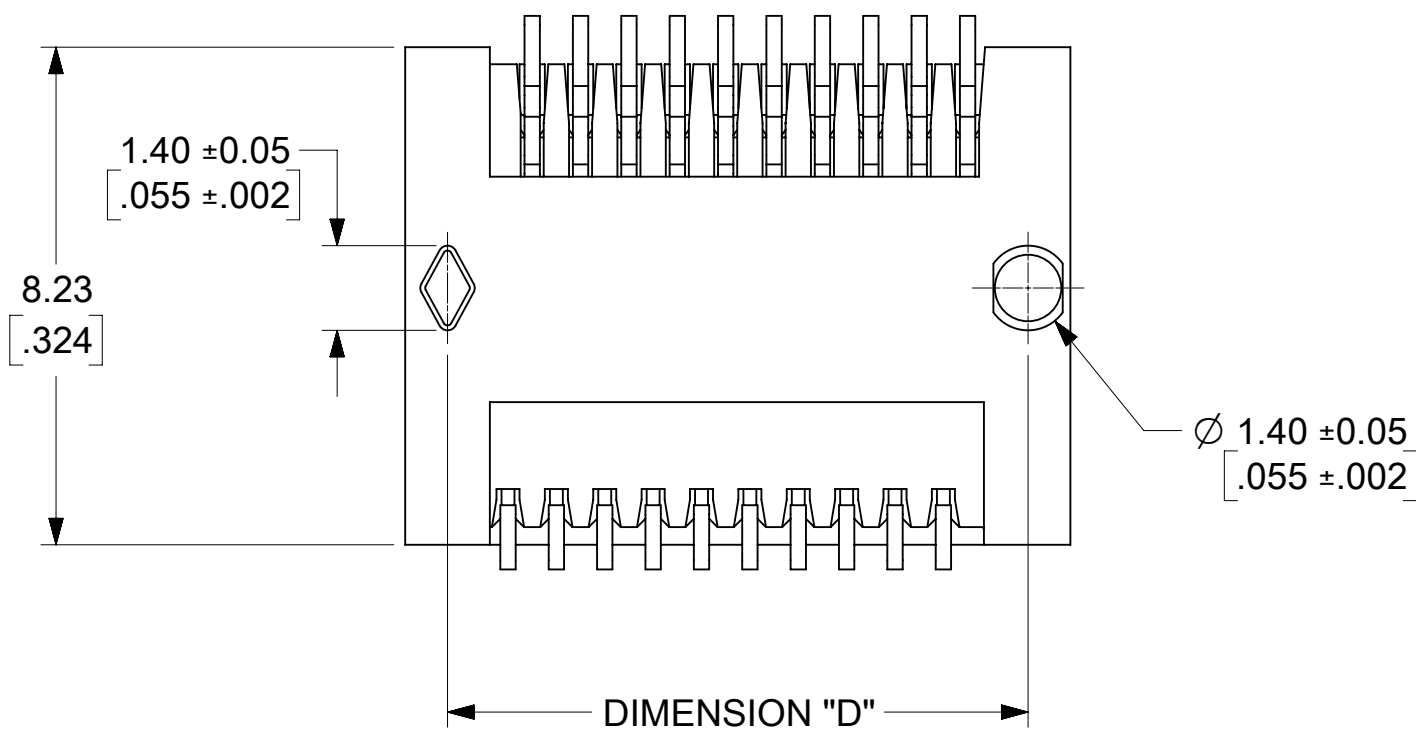
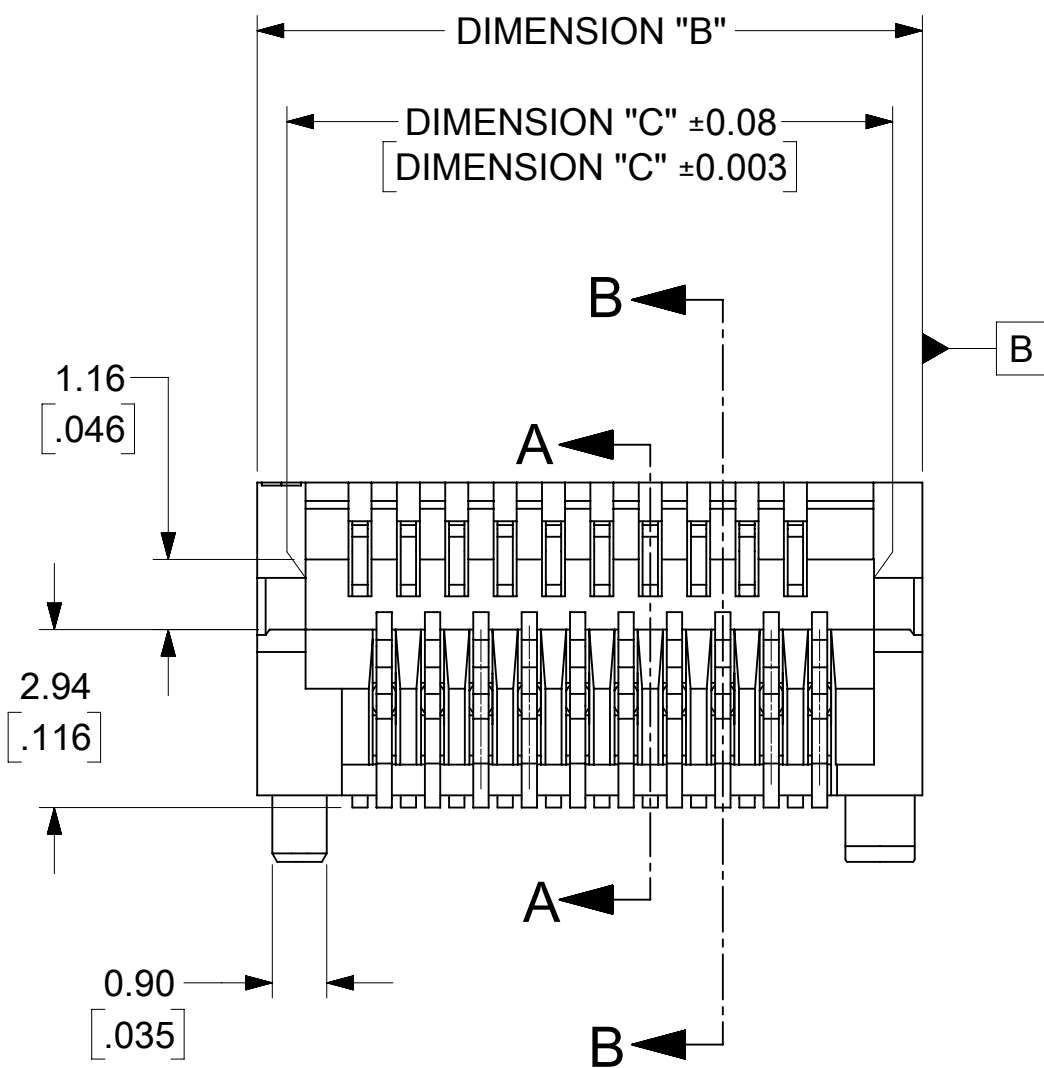
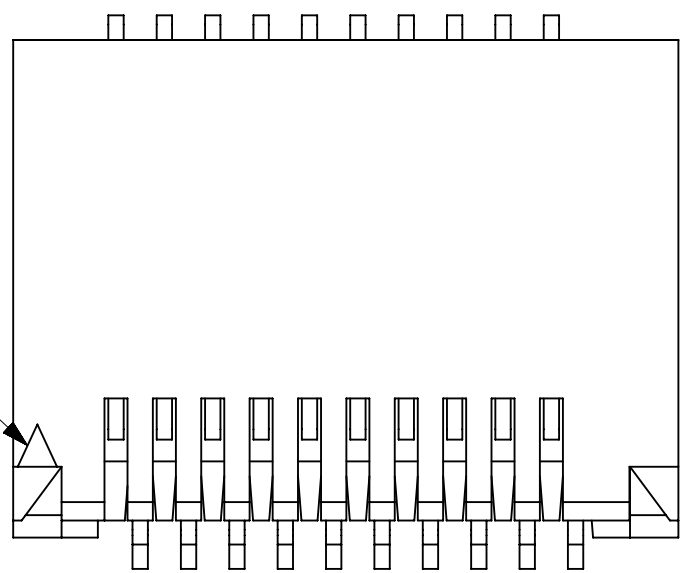
- NOTES
- MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
 - PLATING (SEE TABLE):
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER FOOT AREA - 2.54 MICROMETER MINIMUMTIN OVER NICKEL
 - PLATING (SEE TABLE):
CONTACT AREA - 0.76 MICROMETER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



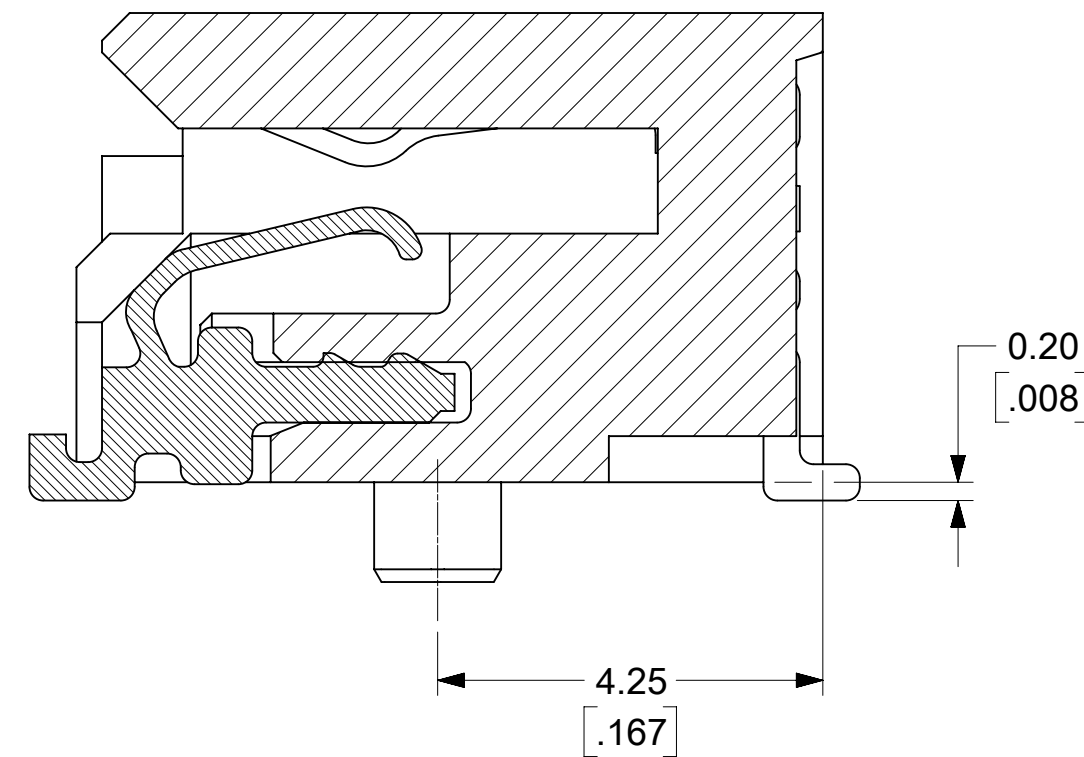
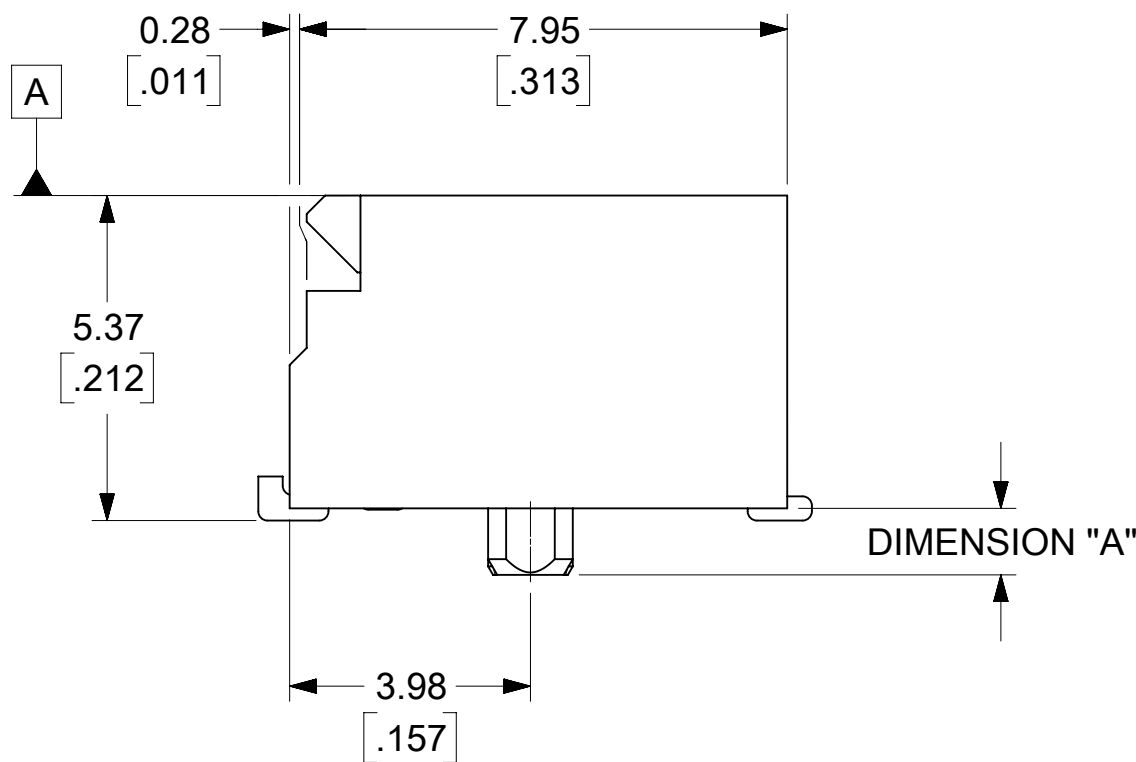
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PARTS AS PER PCN#511683.				<div>molex</div>					
MM/INCH		8:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
	MM	INCH											
4 PLACES	±		±					EC NO: 755035 DRWN: ANIKES12023/03/31 CHK'D: GGA2023/06/29 APPR: GGA2023/06/29					
3 PLACES	±		± 0.005										
2 PLACES	±	0.13	± 0.01										
1 PLACE	±	0.25	±					INITIAL REVISION: DRWN: HAVERY2000/04/06 APPR: MBANAKIS2000/04/06				DOCUMENT NUMBER	
0 PLACES	±			SD-74441-001		PSD	001					AC1	
ANGULAR TOL ± 0.5 °													
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 5	

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29	13:27:15
-----------------	----	--------------	------------	----------

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: REMOVED OBSOLETE PARTS AS PER PCN#511683.				<div>molex</div>					
MM/INCH		8:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
		MM	INCH	EC NO: 755035 DRWN: ANIKES1 2023/03/31 CHK'D: GGA 2023/06/29 APPR: GGA 2023/06/29 INITIAL REVISION: DRWN: HAVERY 2000/04/06 APPR: MBANAKIS 2000/04/06				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
4 PLACES	±		±					SD-74441-001		PSD	001	AC1	
3 PLACES	±		± 0.005										
2 PLACES	±	0.13	± 0.01										
1 PLACE	±	0.25	±										
0 PLACES	±		±										
ANGULAR TOL		± 0.5 °											
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 5	

molex

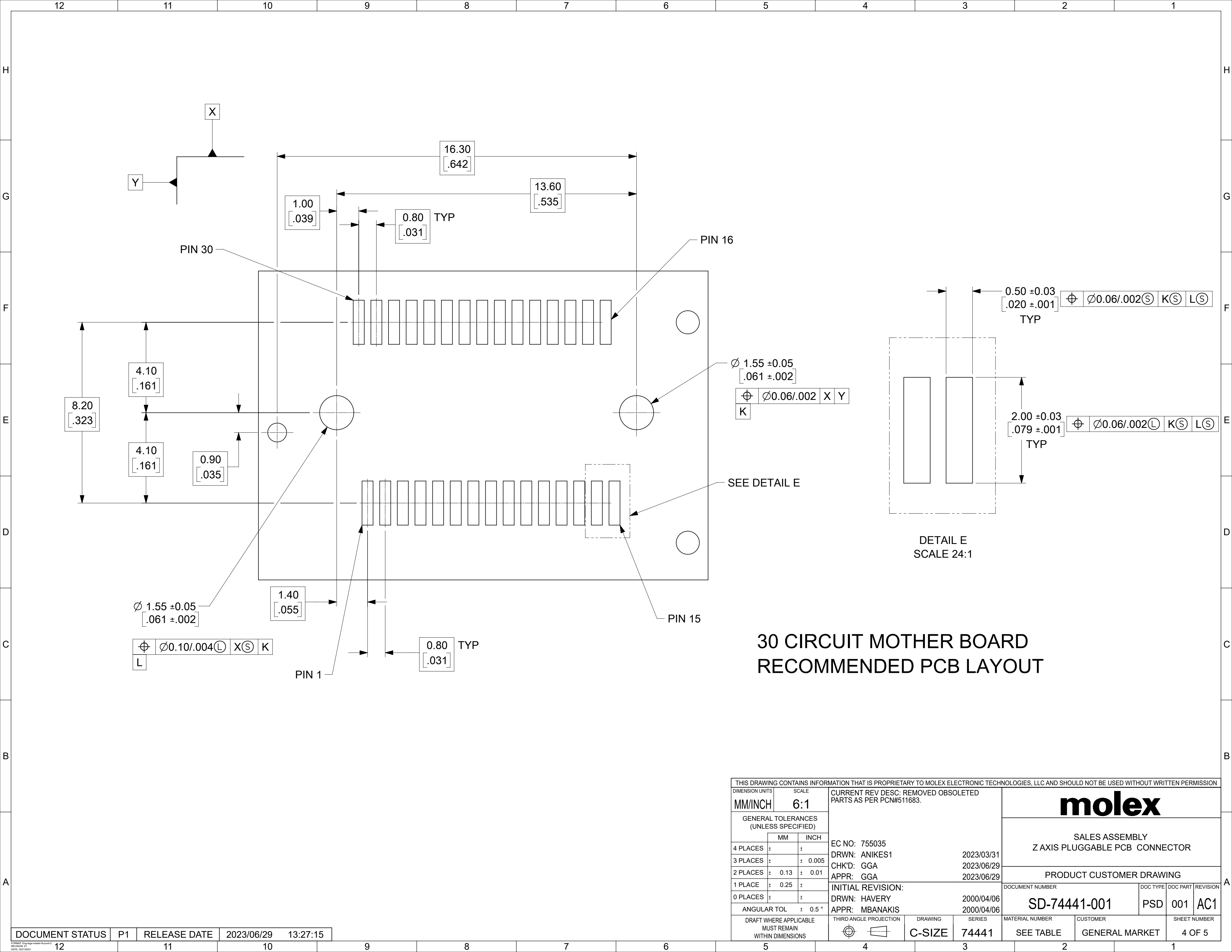
SALES ASSEMBLY
Z AXIS PLUGGABLE PCB CONNECTOR

PRODUCT CUSTOMER DRAWING


DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74441-001	PSD	001	AC1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 5

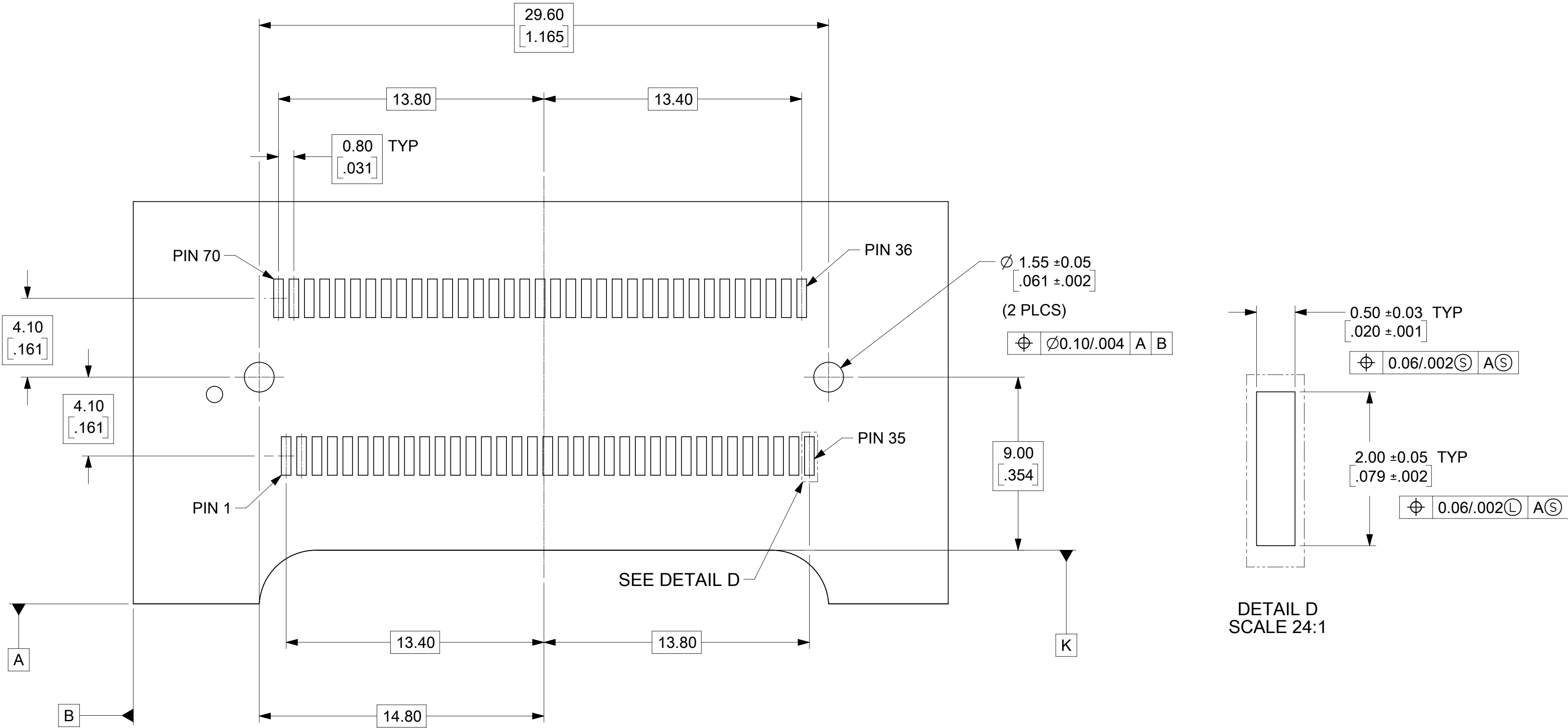
DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:15
-----------------	----	--------------	---------------------



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: REMOVED OBSOLETE PARTS AS PER PCN#511683.				<div>molex</div>				
MM/INCH		6:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 755035 DRWN: ANIKES1 CHK'D: GGA APPR: GGA 2023/03/31 2023/06/29 2023/06/29				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
4 PLACES		±						±				
3 PLACES		±						± 0.005				
2 PLACES		±	0.13					± 0.01				
1 PLACE		±	0.25	±								
0 PLACES		±			INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
ANGULAR TOL		±	0.5 °									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	74441	SEE TABLE		GENERAL MARKET		4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29	13:27:15
-----------------	----	--------------	------------	----------



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: REMOVED OBSOLETE PARTS AS PER PCN#511683.				<div>molex</div>				
MM/INCH		6:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
		MM	INCH	EC NO: 755035 DRWN: ANIKES1 2023/03/31 CHK'D: GGA 2023/06/29 APPR: GGA 2023/06/29				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
4 PLACES	±		±									
3 PLACES	±		± 0.005									
2 PLACES	±	0.13	± 0.01									
1 PLACE	±	0.25	±									
0 PLACES	±			INITIAL REVISION: DRWN: HAVERY 2000/04/06 APPR: MBANAKIS 2000/04/06				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 0.5 °								SD-74441-001		PSD	001	AC1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	74441	SEE TABLE		GENERAL MARKET		5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:15
-----------------	----	--------------	---------------------