

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
	74441-0017	YES	PLATED PER NOTE 3	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 5

- 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

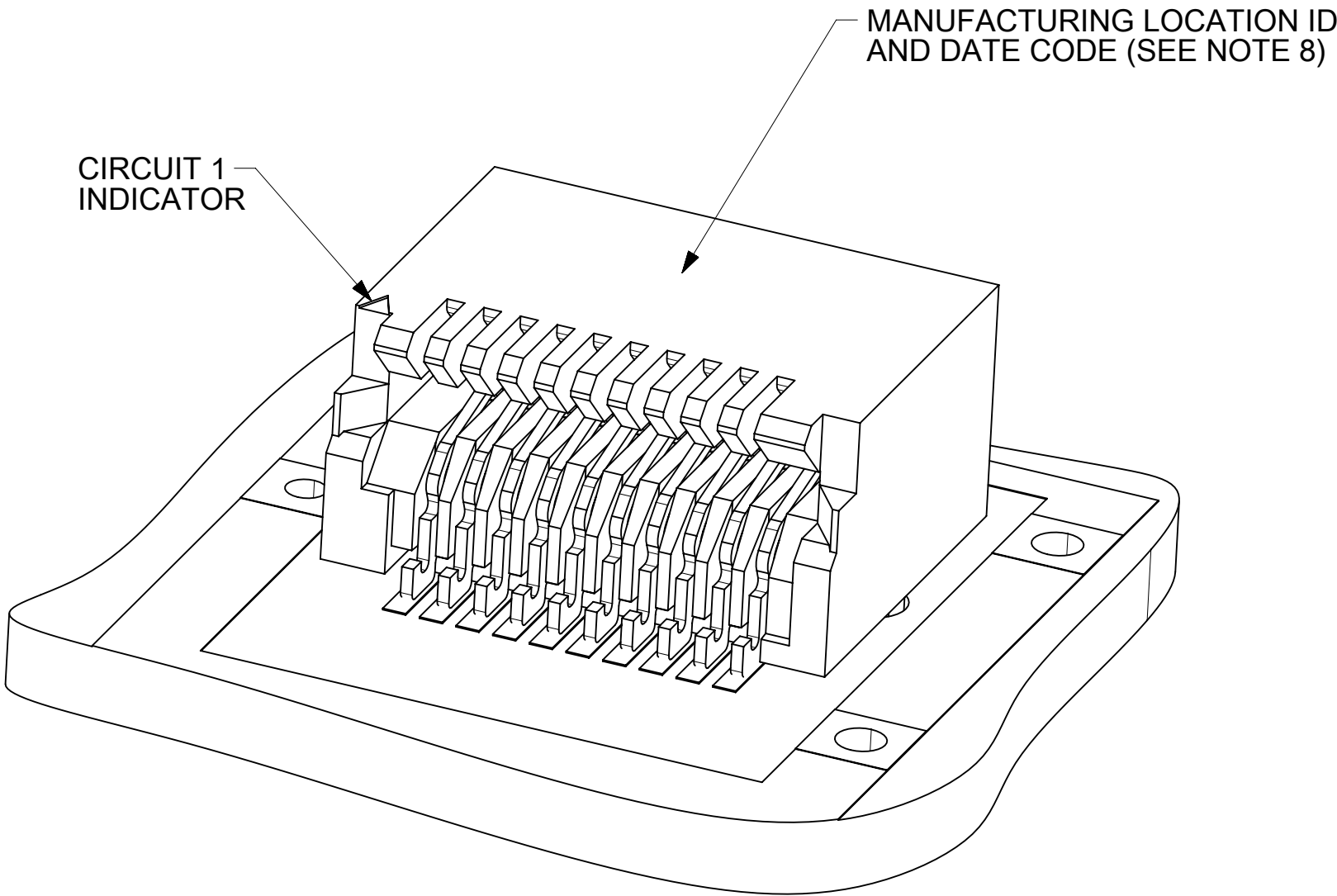
2.54 MICROMETERS MINIMUM NICKEL.

SOLDER AREA: GOLD FLASH OVER NICKEL.
5. PLATING (SEE TABLE):

CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL;

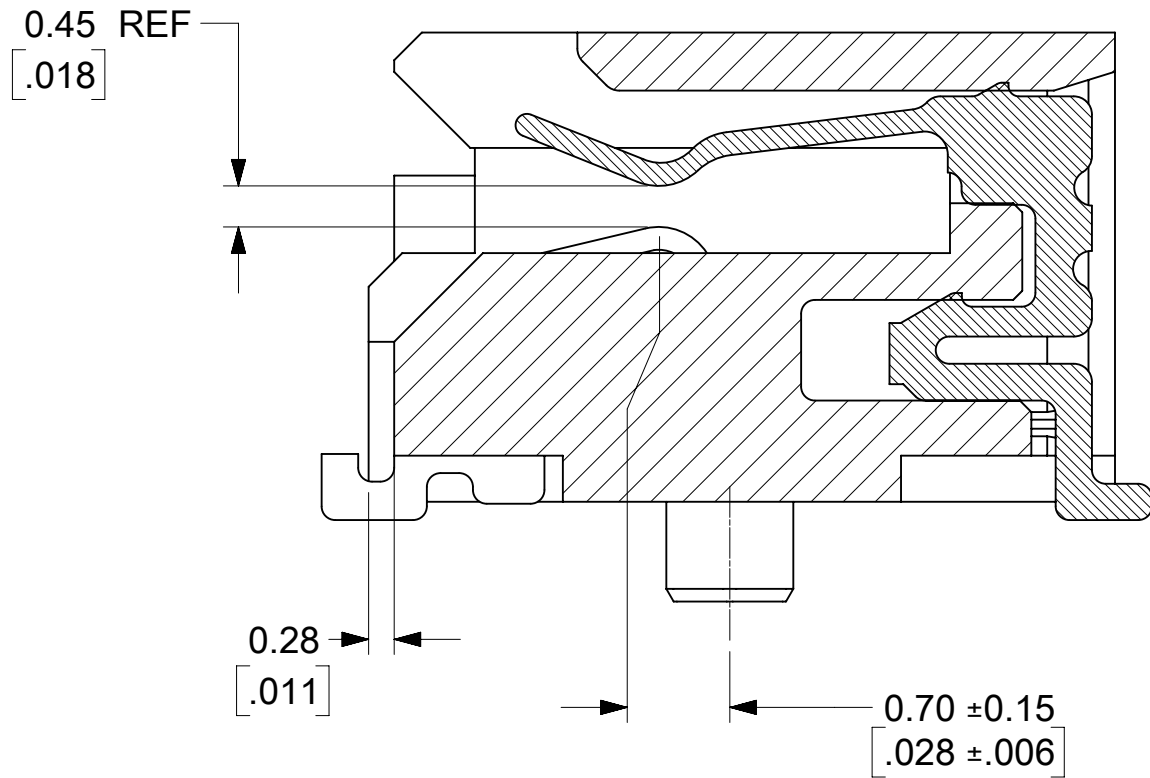
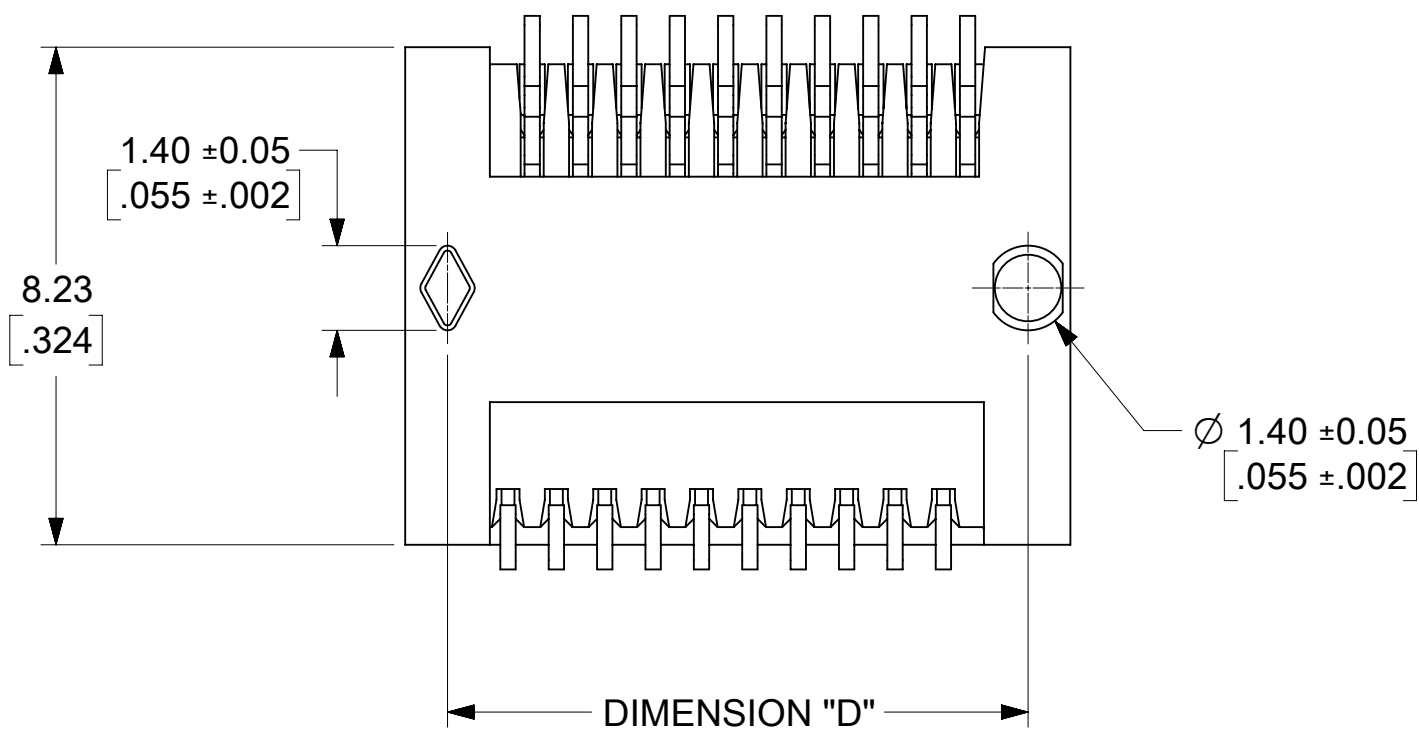
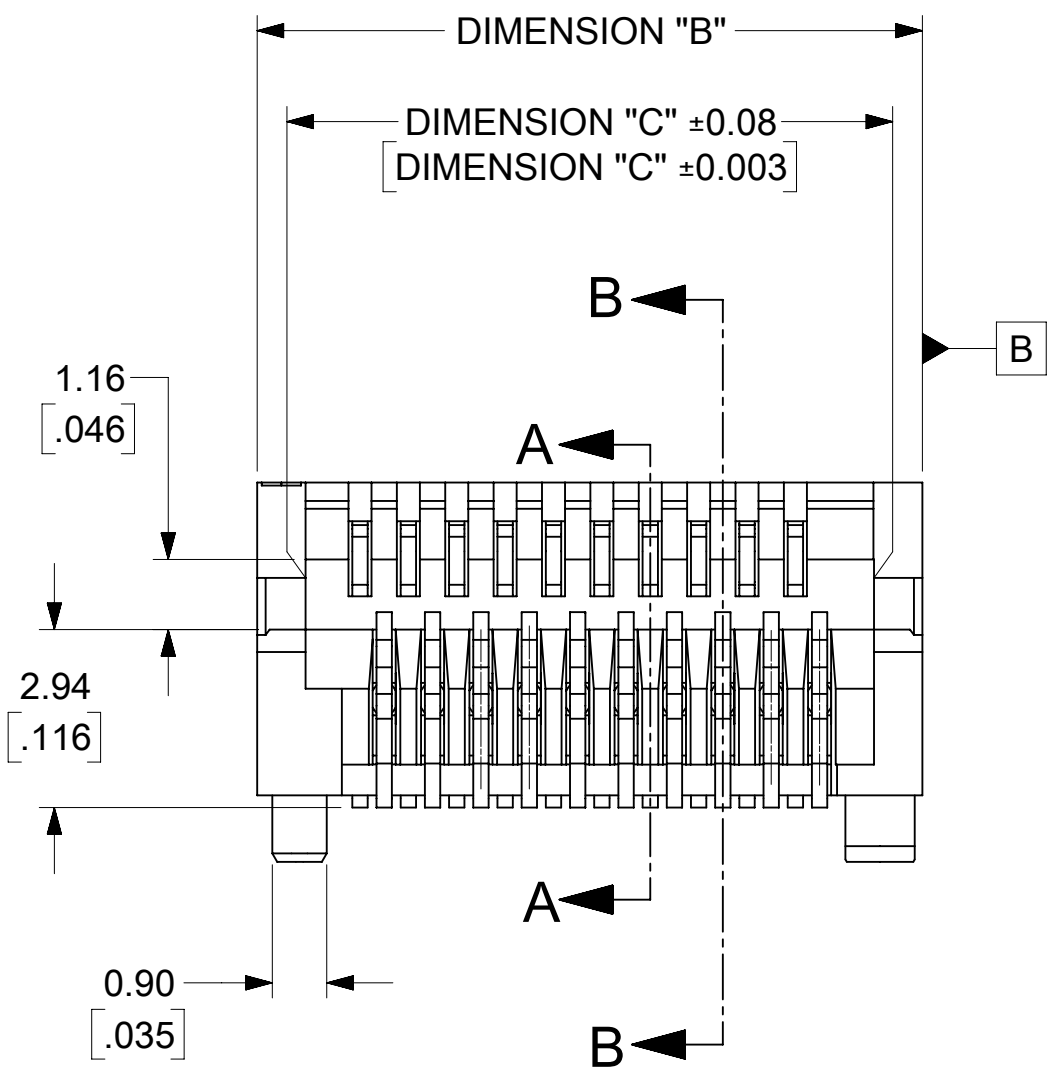
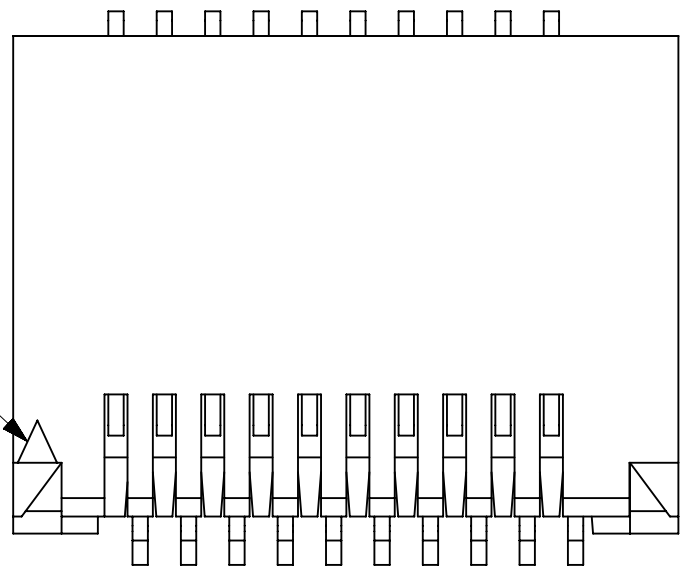
SOLDER AREA: GOLD FLASH OVER NICKEL.
6. SOLDER FEET COPLANAR WITHIN 0.10/.004 FOR 20, 30 AND 40 CIRCUIT CONNECTORS,

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.

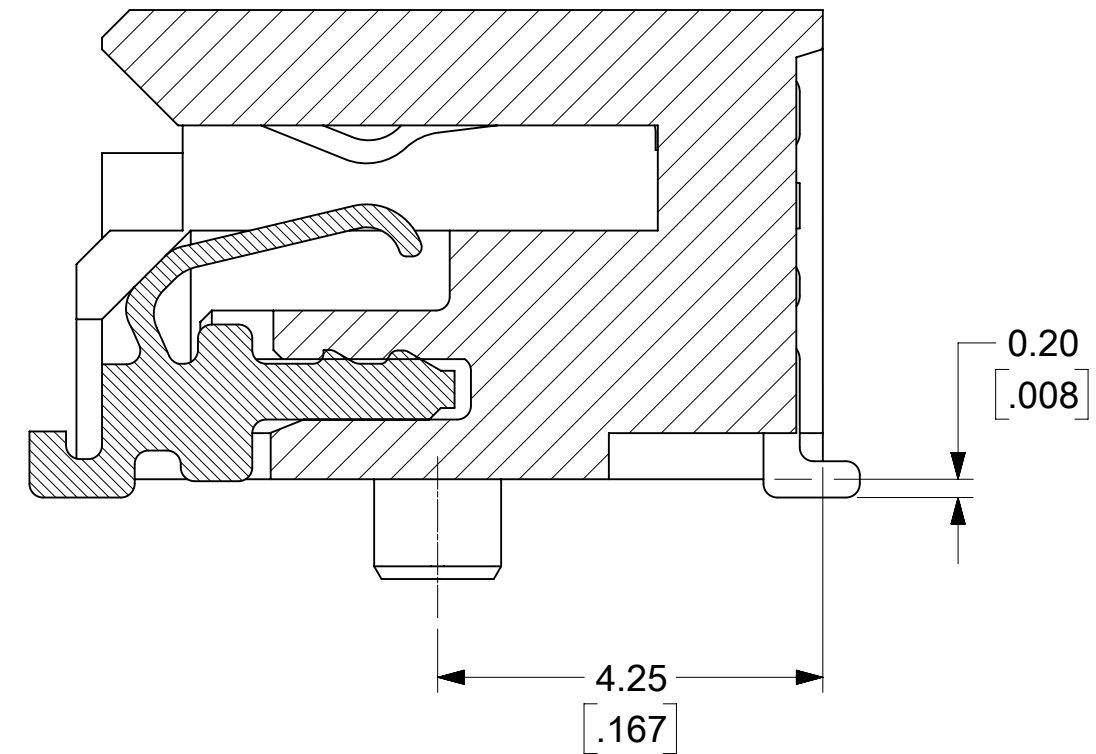
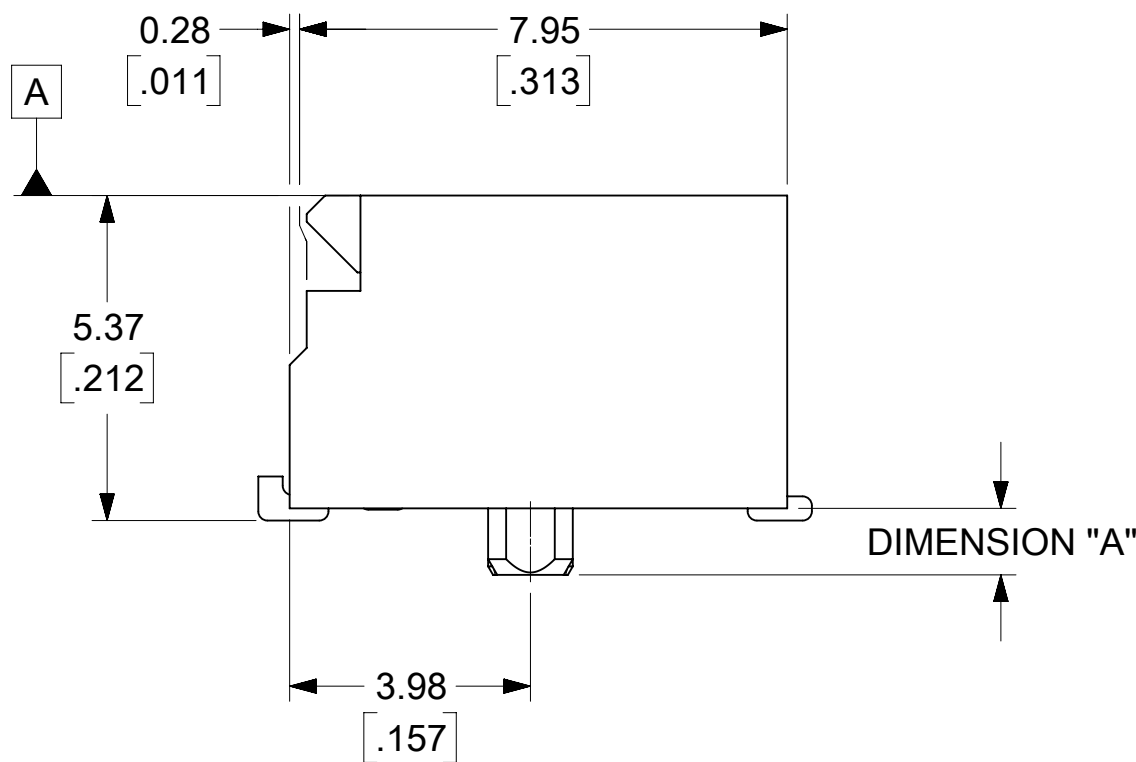


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#510313				molex				
MM/IN		8:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
		MM	INCH	EC NO: 667545 DRWN: ABHISP12021/06/03 CHK'D: GGA2021/07/05 APPR: GGA2021/07/05				PRODUCT CUSTOMER DRAWING				
4 PLACES	±		±									
3 PLACES	±		± 0.005									
2 PLACES	±	0.13	± 0.01									
1 PLACE	±	0.25	±									
0 PLACES	±			INITIAL REVISION: DRWN: HAVERY2000/04/06 APPR: MBANAKIS2000/04/06				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL		±	0.5 °					SD-74441-001		PSD	001	AC
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

CIRCUIT 1
INDICATOR



SECTION A-A
SCALE 12:1



SECTION B-B
SCALE 12:1

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#510313				molex				
MM/IN		8:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
		MM	INCH									
4 PLACES	±		±	EC NO: 667545 DRWN: ABHISP1 CHK'D: GGA APPR: GGA 2021/06/03 2021/07/05 2021/07/05				PRODUCT CUSTOMER DRAWING				
3 PLACES	±		± 0.005									
2 PLACES	±	0.13	± 0.01									
1 PLACE	±	0.25	±	INITIAL REVISION: DRWN: HAVERY APPR: MBANAKIS 2000/04/06 2000/04/06				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±		±					SD-74441-001		PSD	001	AC
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				 		C-SIZE	74441	SEE TABLE		GENERAL MARKET		2 OF 5

molex

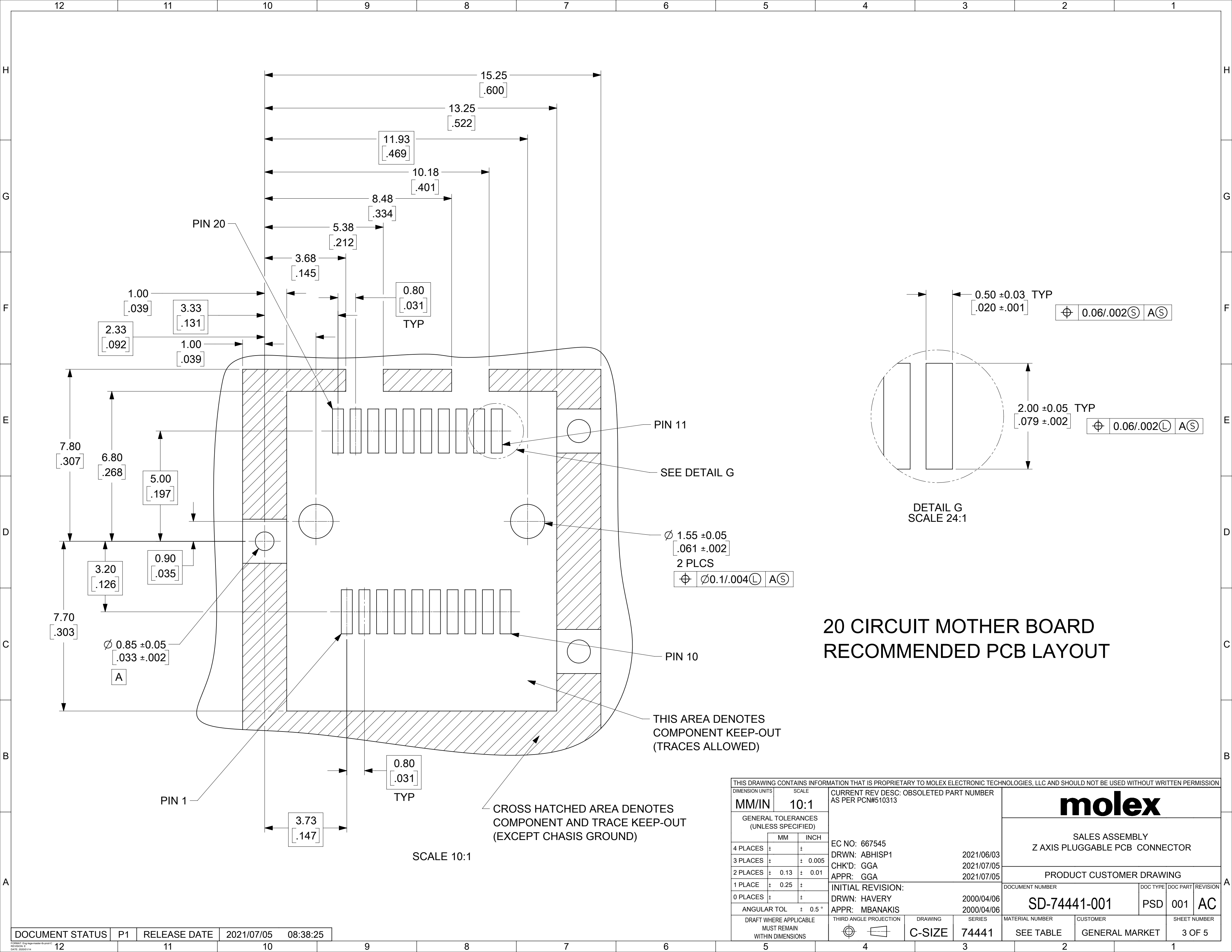
SALES ASSEMBLY
Z AXIS PLUGGABLE PCB CONNECTOR

PRODUCT CUSTOMER DRAWING

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

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

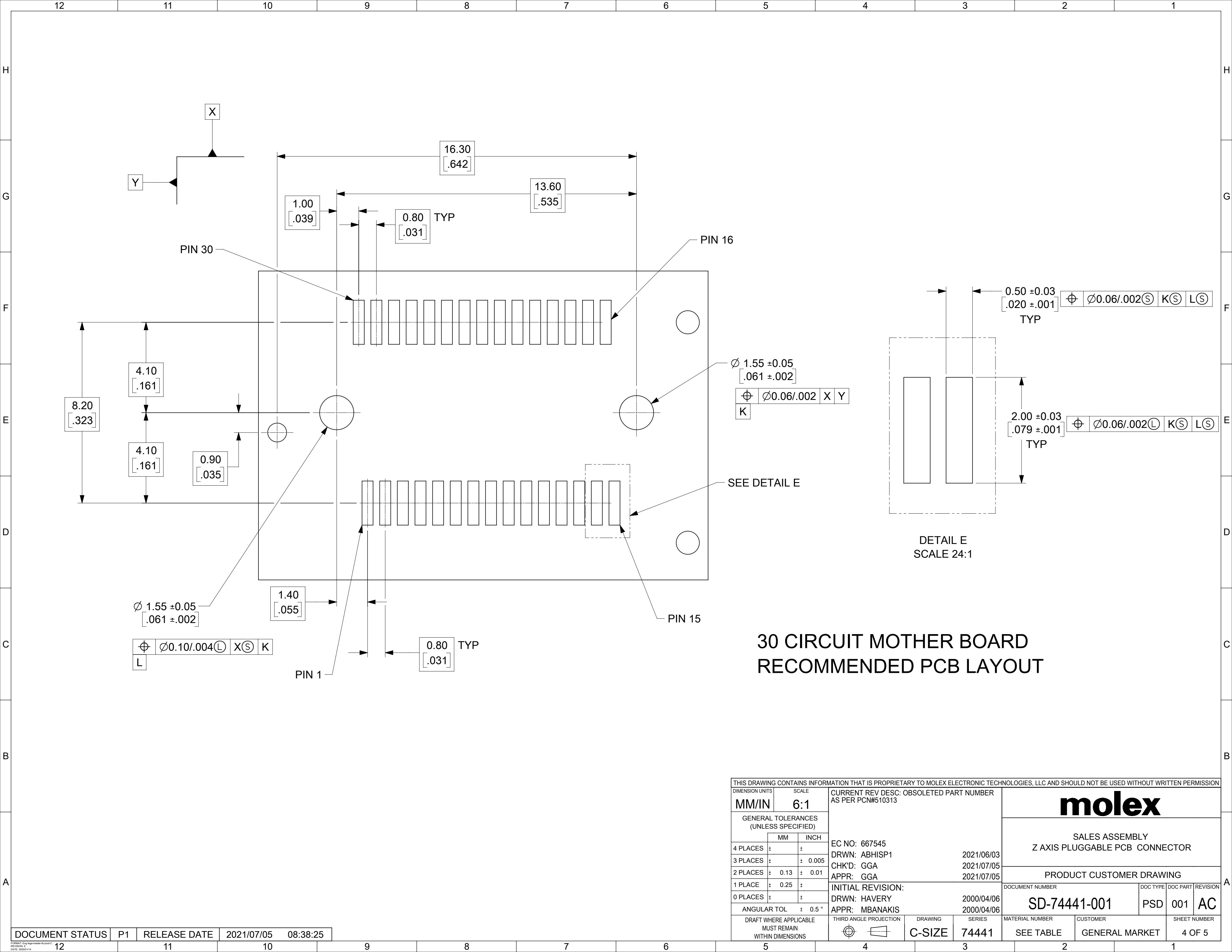
DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05 08:38:25
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20 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#510313				molex							
MM/IN		10:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR							
MM		INCH													
4 PLACES	±		±	EC NO: 667545 DRWN: ABHISP1 CHK'D: GGA APPR: GGA 2021/06/03 2021/07/05 2021/07/05											
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 °		DRWN: HAVERY 2000/04/06		SD-74441-001		PSD	001	AC					
APPR: MBANAKIS 2000/04/06															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						C-SIZE		74441		SEE TABLE		GENERAL MARKET		3 OF 5	

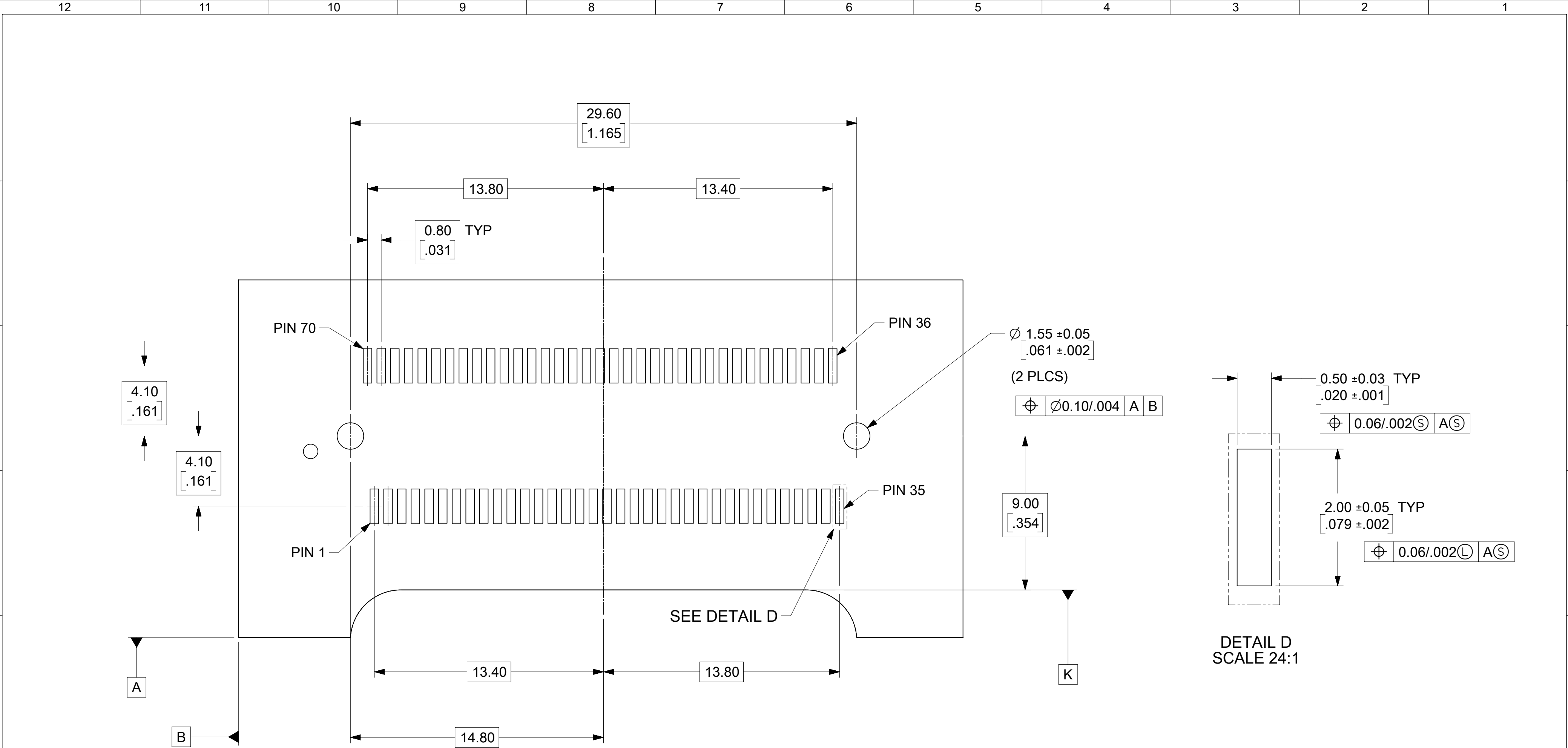
DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05	08:38:25
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30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#510313				molex			
MM/IN		6:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR			
	MM	INCH	EC NO: 667545 DRWN: ABHISP1 CHK'D: GGA APPR: GGA				PRODUCT CUSTOMER DRAWING				
4 PLACES	±	±									
3 PLACES	±	± 0.005									
2 PLACES	± 0.13	± 0.01									
1 PLACE	± 0.25	±									
0 PLACES ±			INITIAL REVISION: DRWN: HAVERY APPR: MBANAKIS				DOCUMENT NUMBER SD-74441-001		DOC TYPE PSD	DOC PART 001	REVISION AC
ANGULAR TOL ± 0.5 °											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 74441	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05	08:38:25
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70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#510313				molex					
MM/IN		6:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
	MM	INCH											
4 PLACES	±		±	EC NO: 667545 DRWN: ABHISP12021/06/03 CHK'D: GGA2021/07/05 APPR: GGA2021/07/05				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
3 PLACES	±		± 0.005										
2 PLACES	±	0.13	± 0.01										
1 PLACE	±	0.25	±	INITIAL REVISION: DRWN: HAVERY2000/04/06 APPR: MBANAKIS2000/04/06				PRODUCT CUSTOMER DRAWING					
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		5 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05	08:38:25
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REVISION: E
DATE: 2000/01/14

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