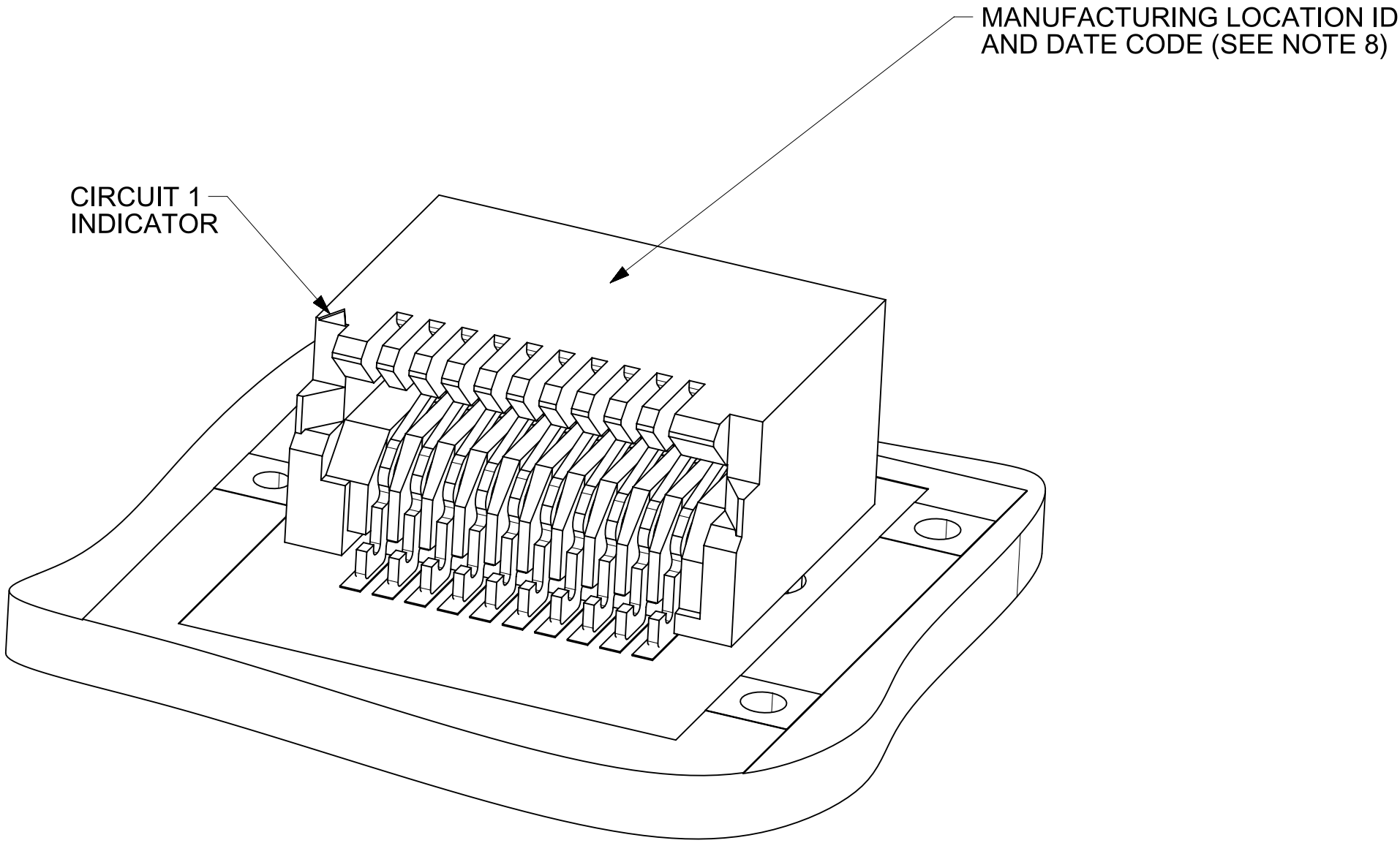


CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	DIMENSIONS				MULTI-SOURCE AGREEMENT	CIRCUIT BOARD LAYOUT
				"A"	"B"	"C"	"D"		
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	SEE SHEET 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030					
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043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

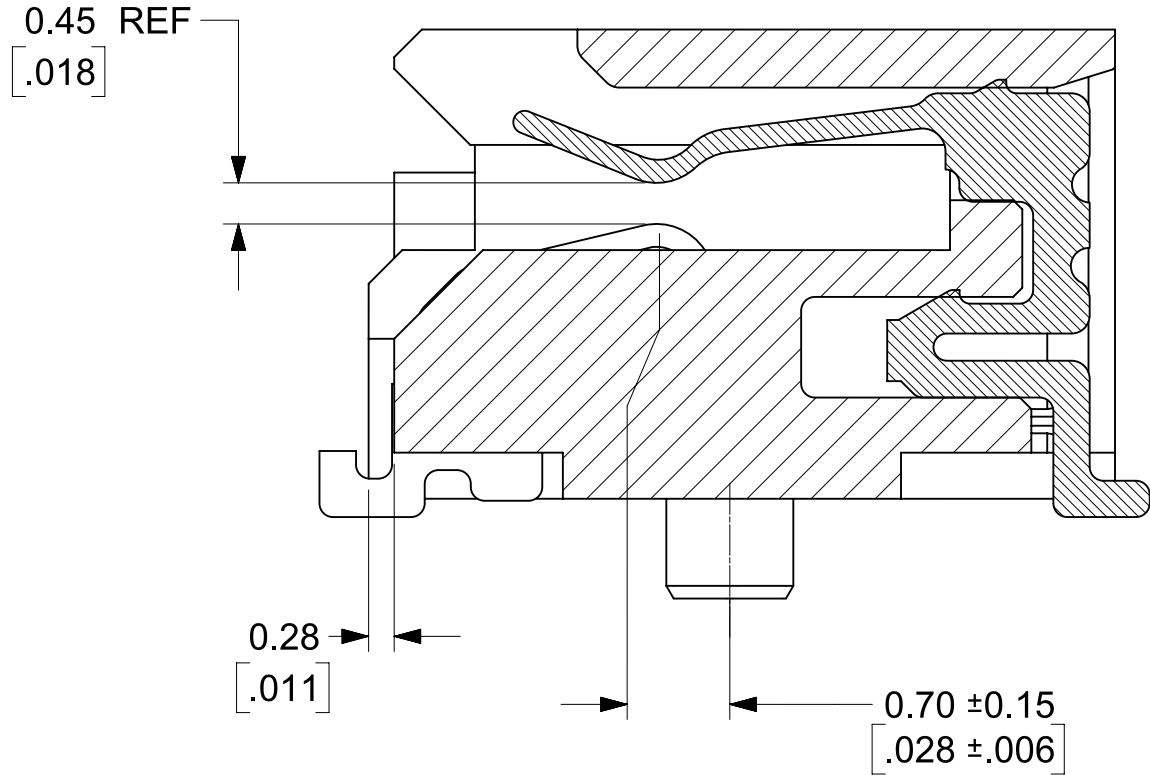
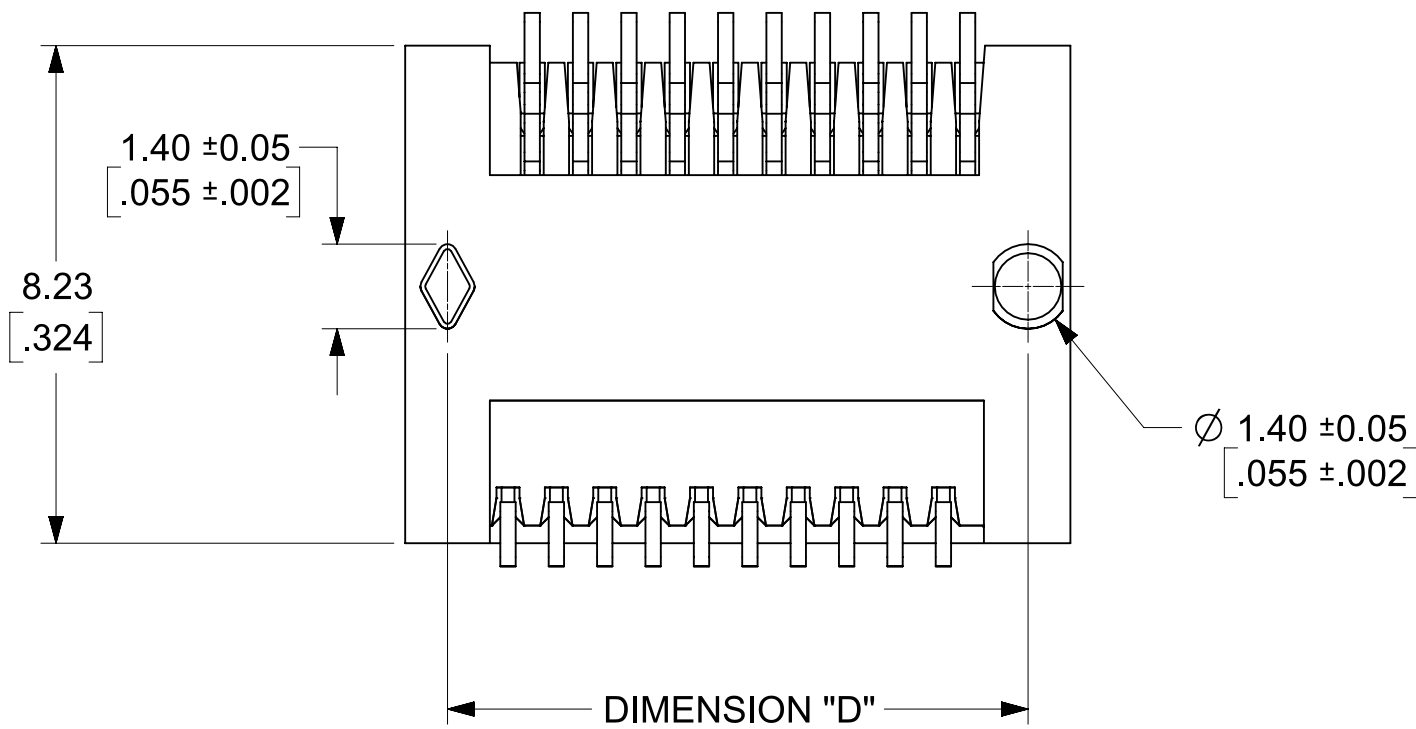
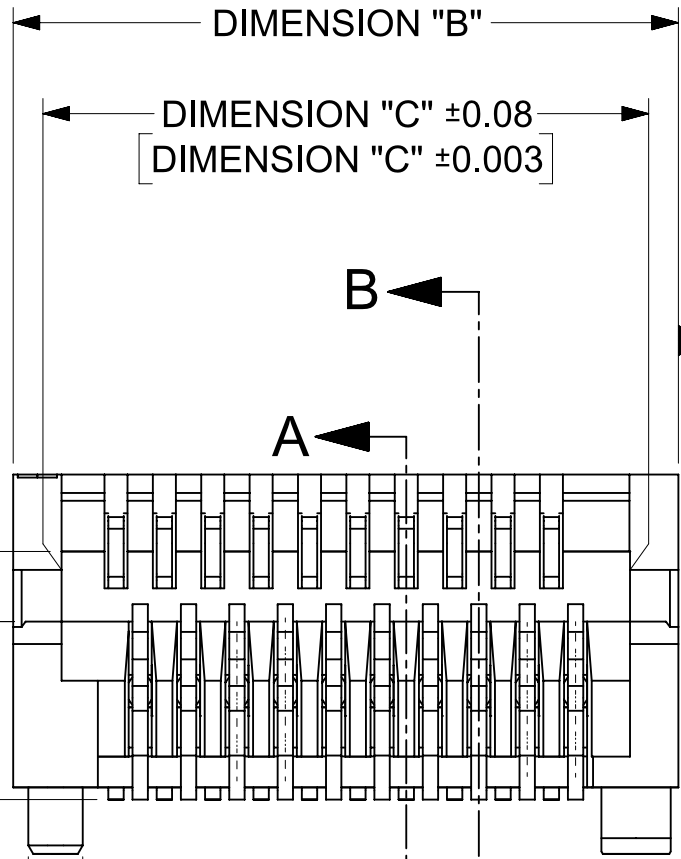
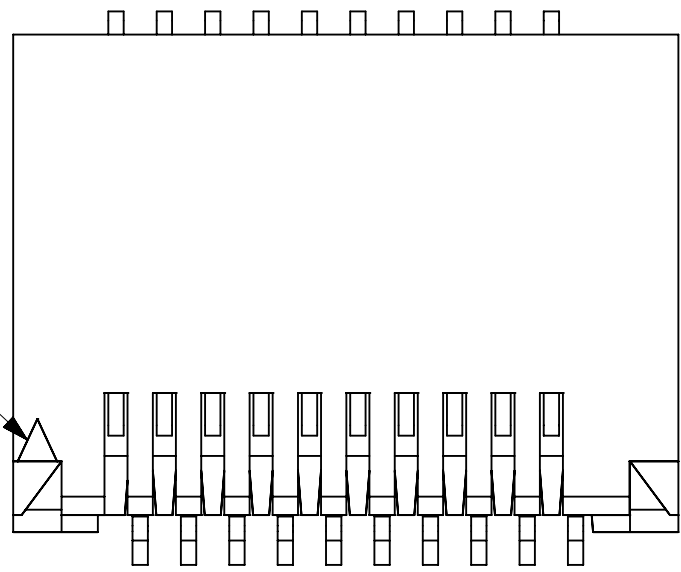


NOTES

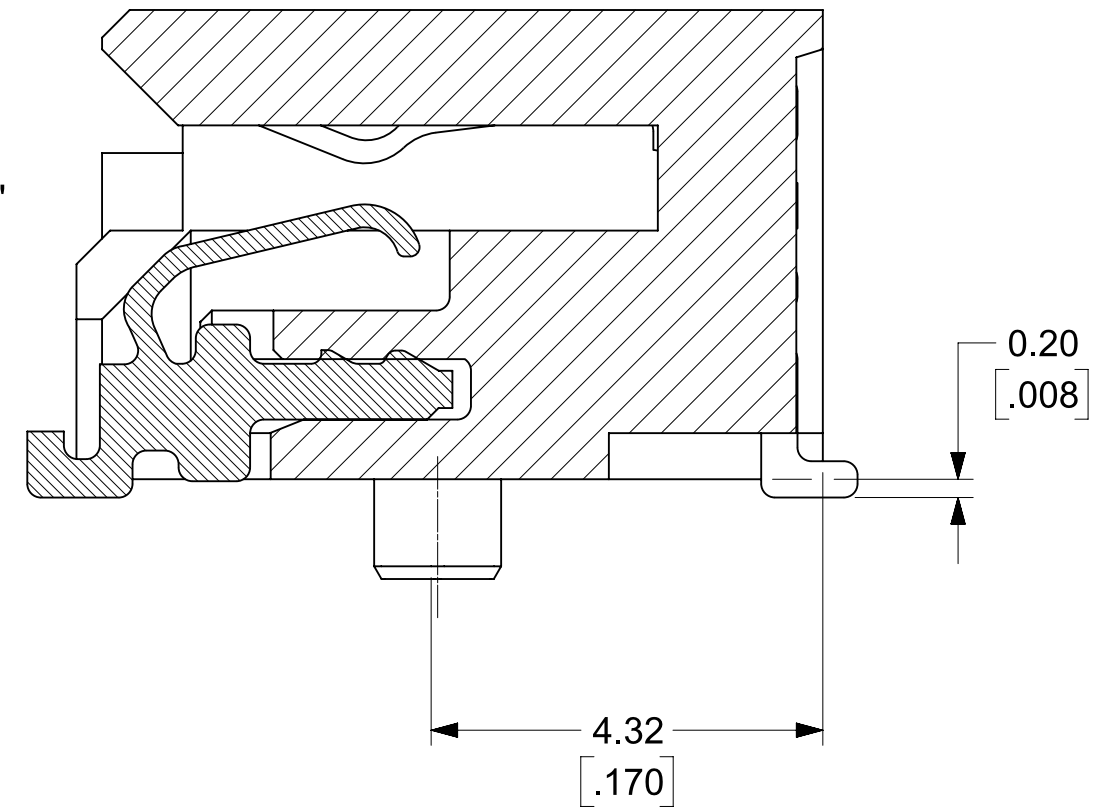
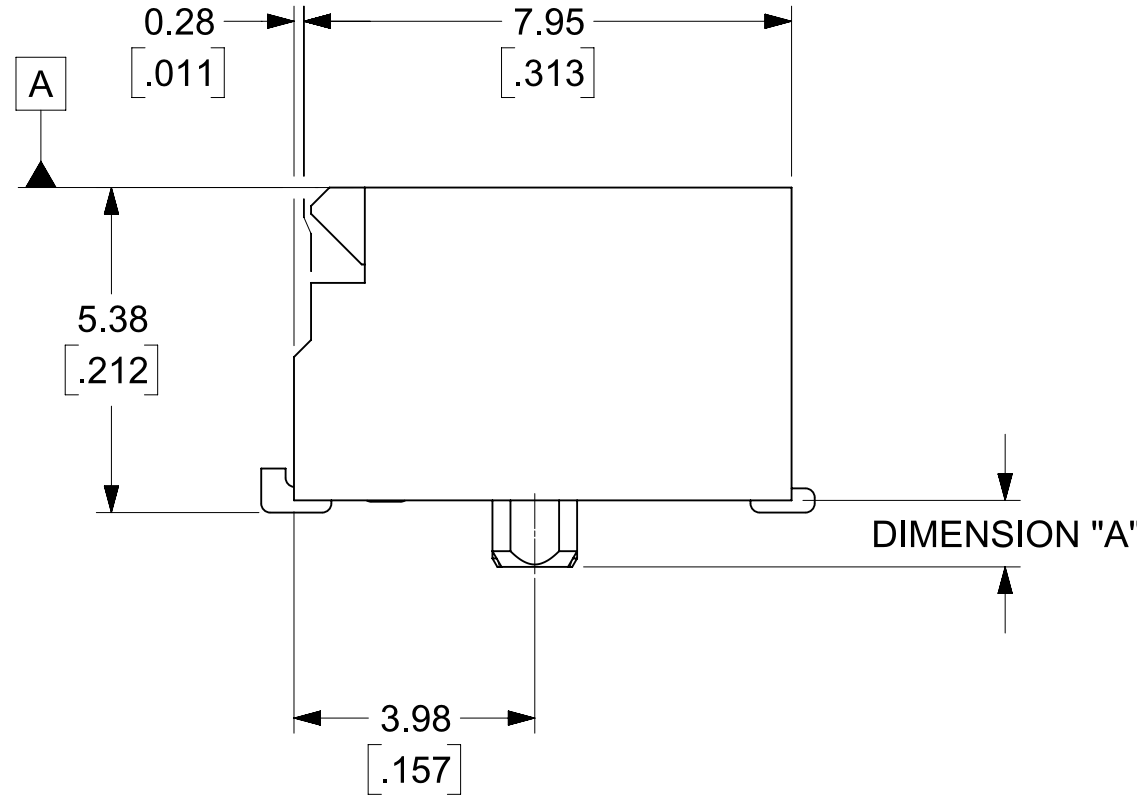
1. MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
2. PLATING (SEE TABLE):
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER FOOT AREA - 2.54 MICROMETER MINIMUM TIN OVER NICKEL
3. PLATING (SEE TABLE):
CONTACT AREA - 0.76 MICROMETER 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#514359				molex					
MM/INCH		8:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Vishal Ramesh Hosur 2024-05-08 CHK'D: Ganesh Rao B 2024-11-14 APPR: Gurunandan GA 2024-11-14				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
								PRODUCT CUSTOMER DRAWING					
								DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
								SD-74441-001		PSD	001	AC2	
1 PLACES ± 0.25 ±		INITIAL REVISION: DRWN: HAVERY 2000/04/06 APPR: MBANAKIS 2000/04/06											
0 PLACES ± ±													
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		1 OF 5			

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 PART NUMBERS AS PER PCN#514359				molex					
MM/INCH		8:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
	MM	INCH	STATUS: Production				PRODUCT CUSTOMER DRAWING						
4 PLACES	±	±	DRWN: Vishal Ramesh Hosur 2024-05-08										
3 PLACES	±	± 0.0050	CHK'D: Ganesh Rao B 2024-11-14										
2 PLACES	± 0.130	± 0.010	APPR: Gurunandan GA 2024-11-14				DOCUMENT NUMBER SD-74441-001						
1 PLACE	± 0.25	±	INITIAL REVISION:								DOC TYPE	DOC PART	REVISION
0 PLACES	±	±	DRWN: HAVERY 2000/04/06								PSD	001	AC2
ANGULAR TOL		± 0.5°	APPR: MBANAKIS 2000/04/06										
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 5		

12 11 10 9 8 7 6 5 4 3 2 1

H

G

F

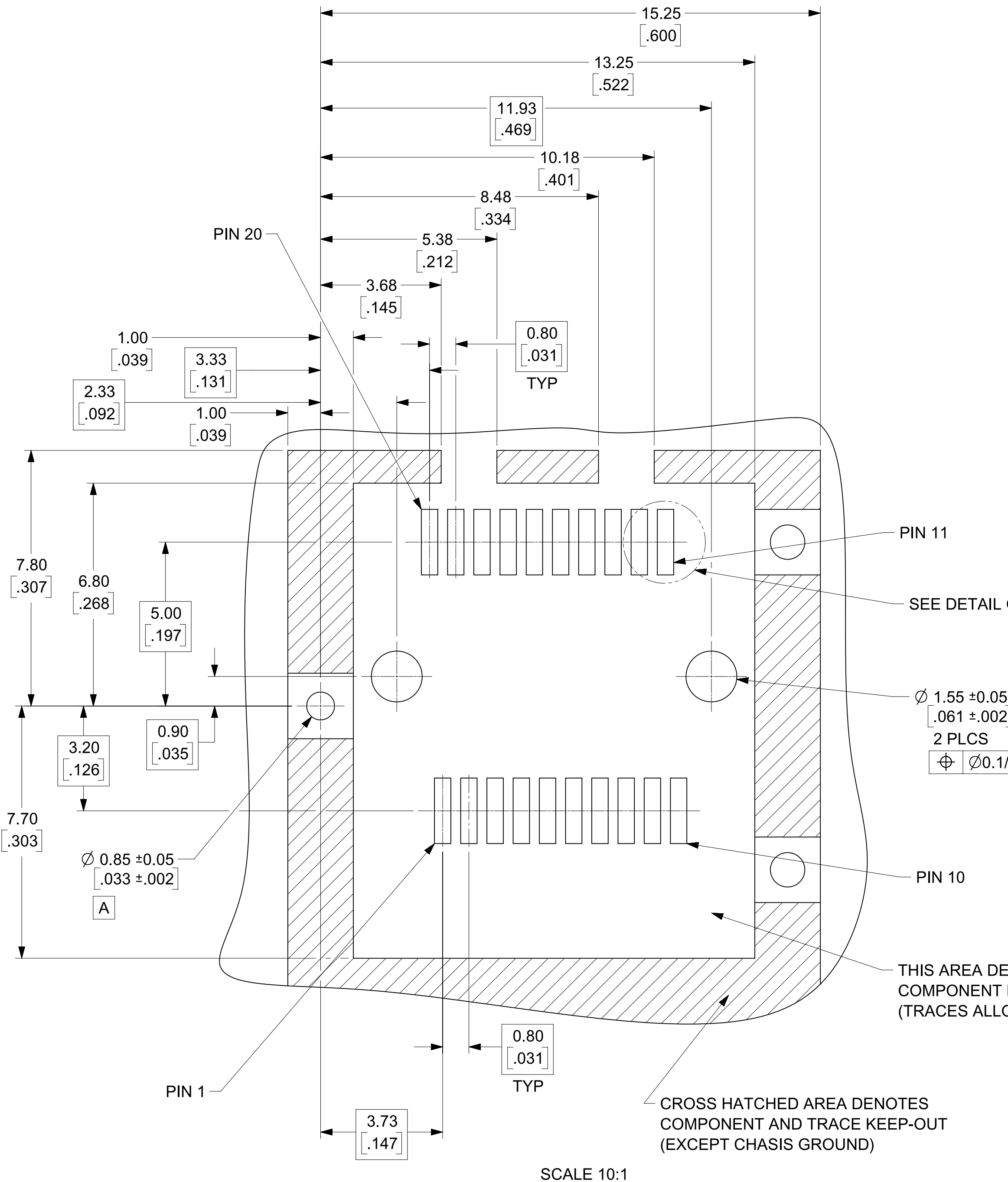
E

D

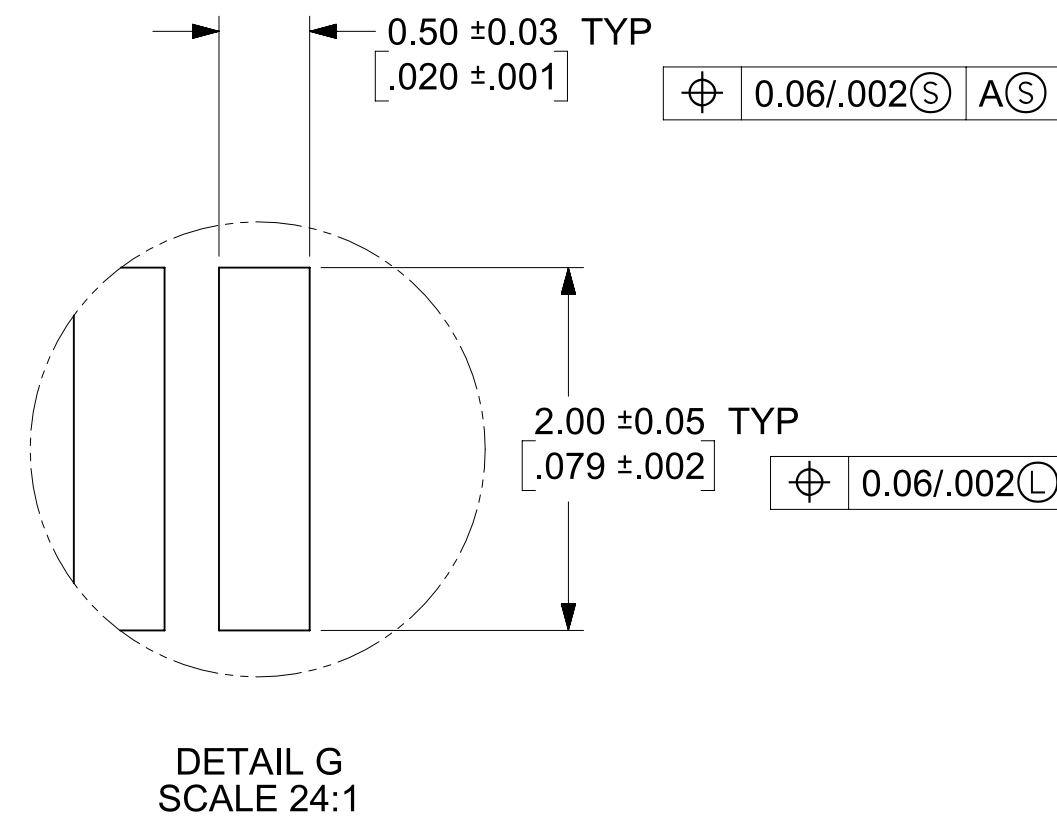
C

B

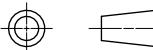
A



SCALE 10:1



20 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 PART NUMBERS AS PER PCN#514359				molex	
MM/INCH		10:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	± 0.0050							
2 PLACES	± 0.130	± 0.010							
1 PLACE	± 0.25	±		PRODUCT CUSTOMER DRAWING					
0 PLACES	±	±							
ANGULAR TOL ± 0.5°				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SD-74441-001		PSD		001	AC2
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
THIRD ANGLE PROJECTION				DRAWING	SERIES	SEE TABLE		GENERAL MARKET	
				C-SIZE	74441			3 OF 5	

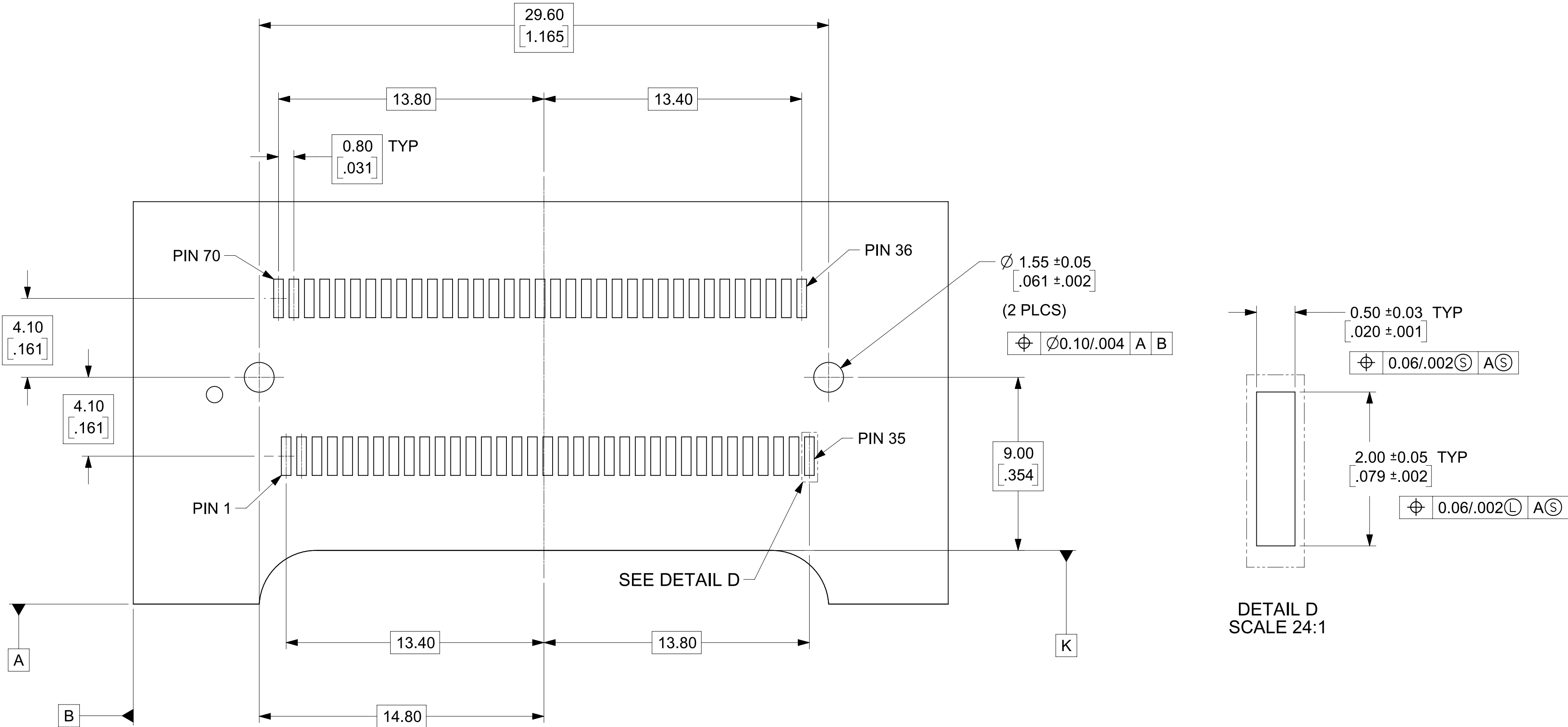
molex

SALES ASSEMBLY
Z AXIS PLUGGABLE PCB CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
SD-74441-001

DOC TYPE
PSD
DOC PART
001
REVISION
AC2



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 PART NUMBERS AS PER PCN#514359				molex SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
MM/INCH		6:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Vishal Ramesh Hosur 2024-05-08 CHK'D: Ganesh Rao B 2024-11-14 APPR: Gurunandan GA 2024-11-14						PRODUCT CUSTOMER DRAWING			
												MM	
4 PLACES		±										±	
3 PLACES		±						± 0.0050					
2 PLACES		± 0.130						± 0.010					
1 PLACE		± 0.25		±		DOCUMENT NUMBER SD-74441-001				DOC TYPE PSD	DOC PART 001	REVISION AC2	
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	