

PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WEEK	01 THRU 52 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YEAR	22, 23, 24 ETC. EXAMPLE: YEAR 2022 = 22

NOTES:

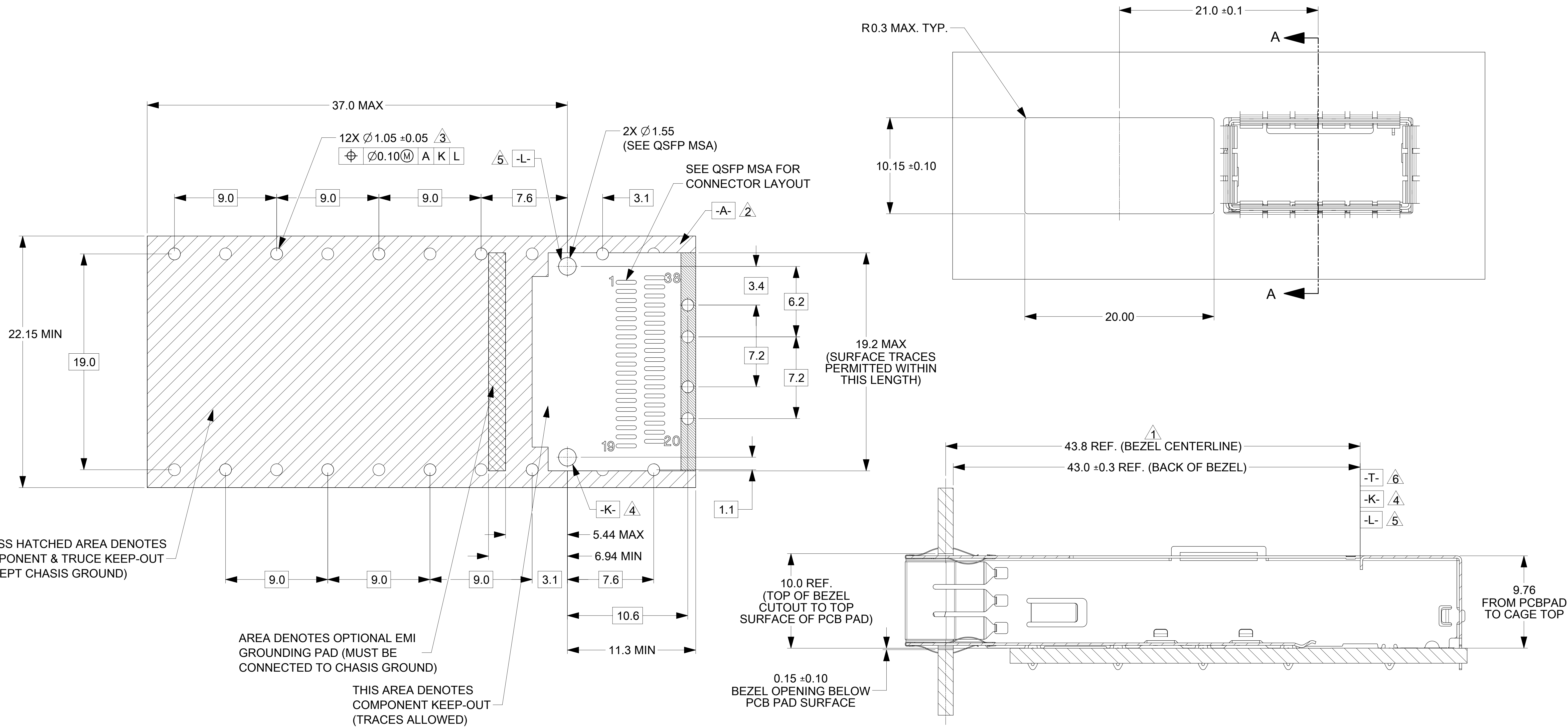
- PRESS FIT LEGS 2.28mm [0.090"] LONG
- SINGLE SIDED BOARD THICKNESS
NOMINAL: 1.60 [0.062"]
MINIMUM: 1.44 [0.057"]
BELLY TO BELLY BOARD THICKNESS
NOMINAL: 2.30 [0.090"]
MINIMUM: 2.07 [0.081"]
- MATERIAL: CAGE & SPRING FINGER - NICKEL COPPER ALLOY
HEATSINK - ANODIZED ALUMINUM
SPRING FINGER: STAINLESS STEEL
- REFERENCE DOCUMENTS: PRODUCT SPECIFICATION: QSFP MSA
- SPRING FINGERS ARE A LOWER PROFILE PER CUSTOMER SPECIFICATION
- LEAD FREE, NO RoHS EXEMPTIONS.
- WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION

FINISHED ASSEMBLY P/N	DESCRIPTION	# OF REAR LEGS	CAGE P/N	CLIP P/N	HEAT SINK P/N
747503050	QSFP+ 1X1 CAGE W/ EMI SPRING FINGER - PRESS FIT AND HEATSINK	2	747500001	747500305	747500300

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: SEE REVISION TABLE		molex			
mm	3.5:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 712623		QSFP+ 1X1 CAGE ASSEMBLY W/SUS SPRING FINGER AND HEAT SINK			
ANGULAR TOL	± °	DRWN: PKH 2022/06/28					
4 PLACES	±	CHK'D: DKUMARG 2022/06/29		PRODUCT CUSTOMER DRAWING			
3 PLACES	±	APPR: SCHIEN 2022/07/07					
2 PLACES	± 0.13	INITIAL REVISION:		DOCUMENT NUMBER			
1 PLACE	± 0.25	DRWN: PKH 2022/06/28		747503050			
0 PLACES	±	APPR: SCHIEN 2022/07/07		PSD ASY A			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
		D-SIZE	74750	747503050		1 OF 4	

PCB LAYOUT FOR SINGLE SIDED MOUNTING



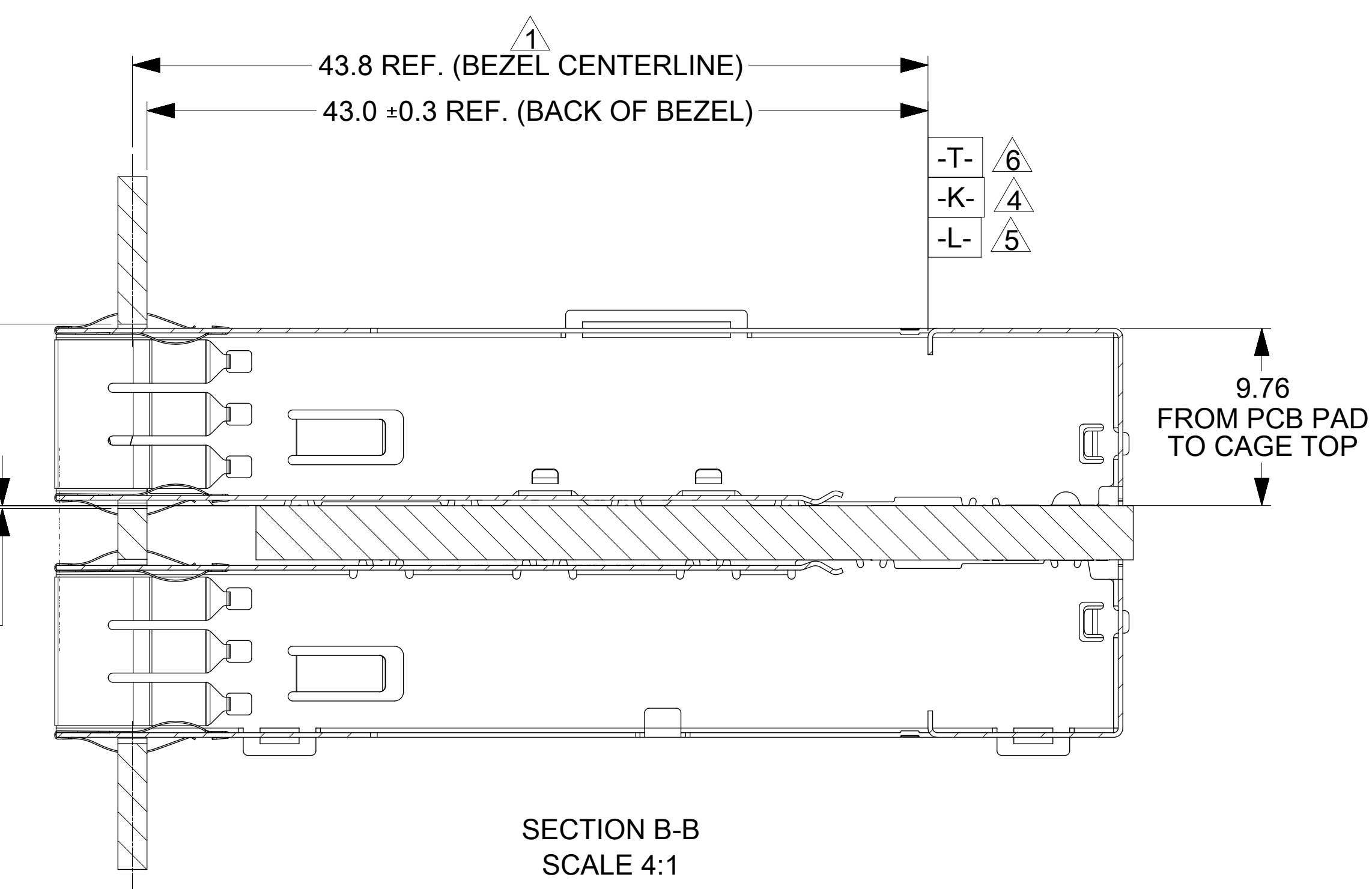
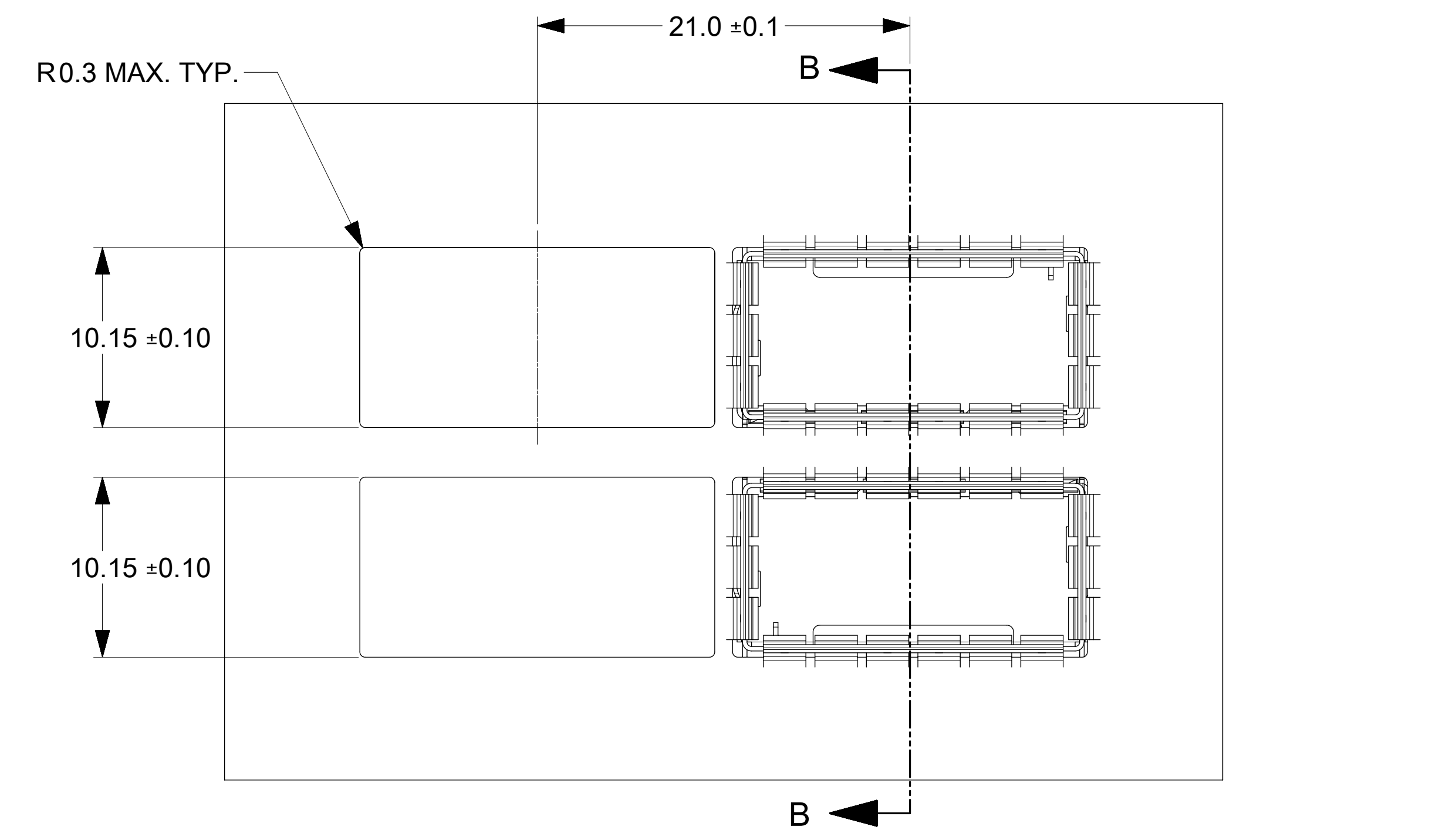
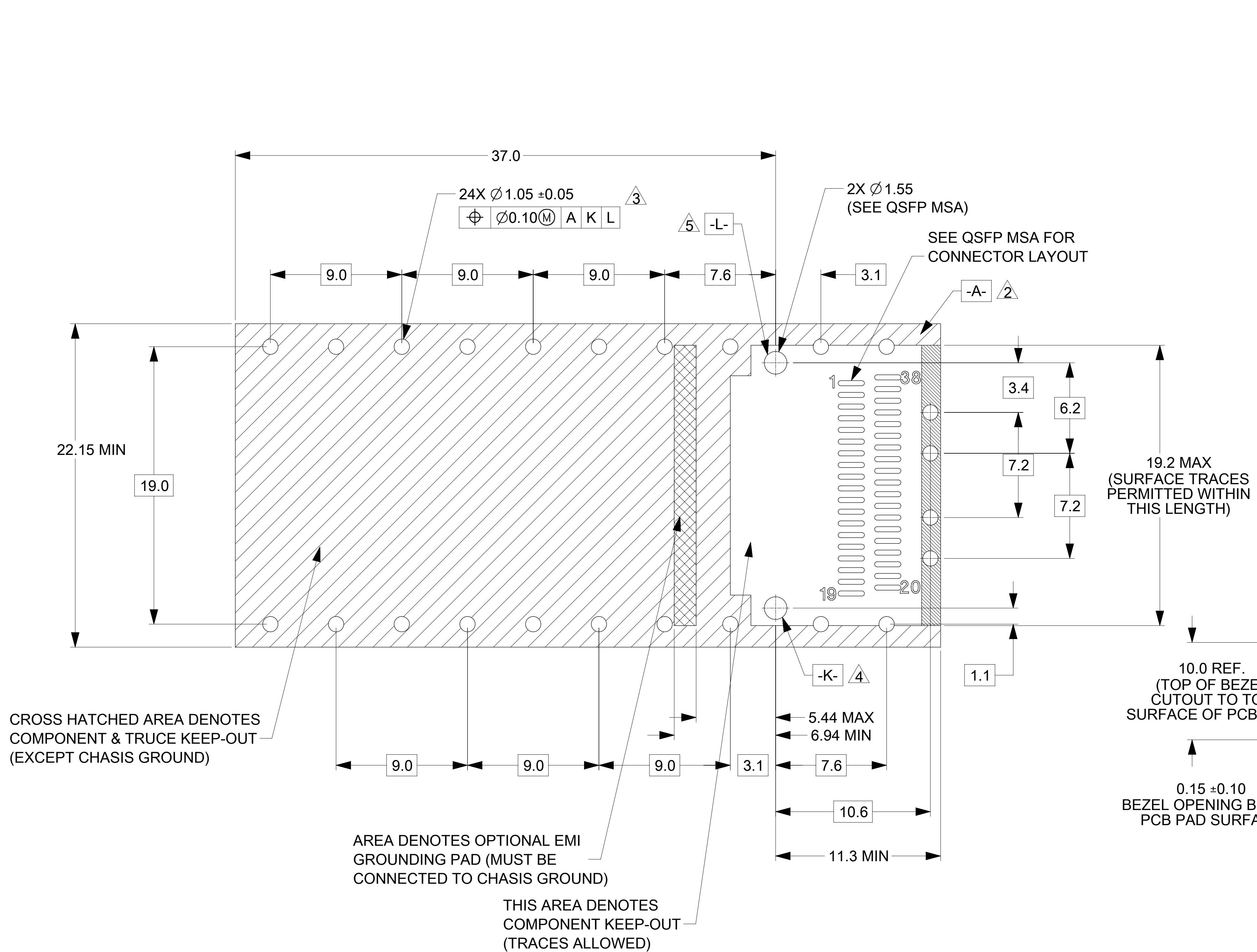
SECTION A-A

NOTES:

- 1. SEE QSFP MSA SPECIFICATION FOR BEZEL LOCATION TOLERANCE
- 2. DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA
- 3. FINISHED HOLE SIZE (AFTER PLATING)
- 4. DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA
- 5. DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA
- 6. DATUM -T- IS HARD STOP ON CAGE PER MSA

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE					
mm		1:1		<p>molex</p> <p>QSFP+ 1X1 CAGE ASSEMBLY W/SUS SPRING FINGER AND HEAT SINK</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: 747503050 DOC TYPE: PSD DOC PART: ASY REVISION: A</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> <p>THIRD ANGLE PROJECTION</p> <p>DRAWING: D-SIZE SERIES: 74750 MATERIAL NUMBER: 747503050 CUSTOMER: SHEET NUMBER: 2 OF 4</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	±	°							
4 PLACES	±								
3 PLACES	±								
2 PLACES	±	0.13							
1 PLACE	±	0.25							
0 PLACES	±								
EC NO: 712623		DRWN: PKH		2022/06/28					
CHK'D: DKUMARG		APPR: SCHIEN		2022/07/07					
INITIAL REVISION:		DRWN: PKH		2022/06/28					
		APPR: SCHIEN		2022/07/07					

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



- NOTES:
- SEE QSFP MSA SPECIFICATION FOR BEZEL LOCATION TOLERANCE
 - DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA
 - FINISHED HOLE SIZE (AFTER PLATING)
 - DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA
 - DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA
 - DATUM -T- IS HARD STOP ON CAGE PER MSA
 - PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE					
mm		6:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± °									
4 PLACES		±		EC NO: 712623					
3 PLACES		±		DRWN: PKH		2022/06/28			
2 PLACES		± 0.13		CHK'D: DKUMARG		2022/06/29			
1 PLACE		± 0.25		APPR: SCHIEN		2022/07/07			
0 PLACES		±		INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		D-SIZE		74750		747503050		CUSTOMER	
DOCUMENT STATUS				P1		RELEASE DATE		2022/07/07 13:29:39	
DOCUMENT NUMBER				747503050		DOC TYPE		PSD ASY A	
SHEET NUMBER				3 OF 4		CUSTOMER			

