

LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
A1		REMOVE NOTE11		30JUN2020	VL	SH	
A2		REVISED PER ECN-21-117003		28JUN2021	SH	SZ	
A3		REVISED PER ECN-22-181831		14OCT2022	SH	SZ	
A4		ADDED 1126 FOOTPRINT SHT 7-10		05OCT2023	DPS	SZ	

D

C

B

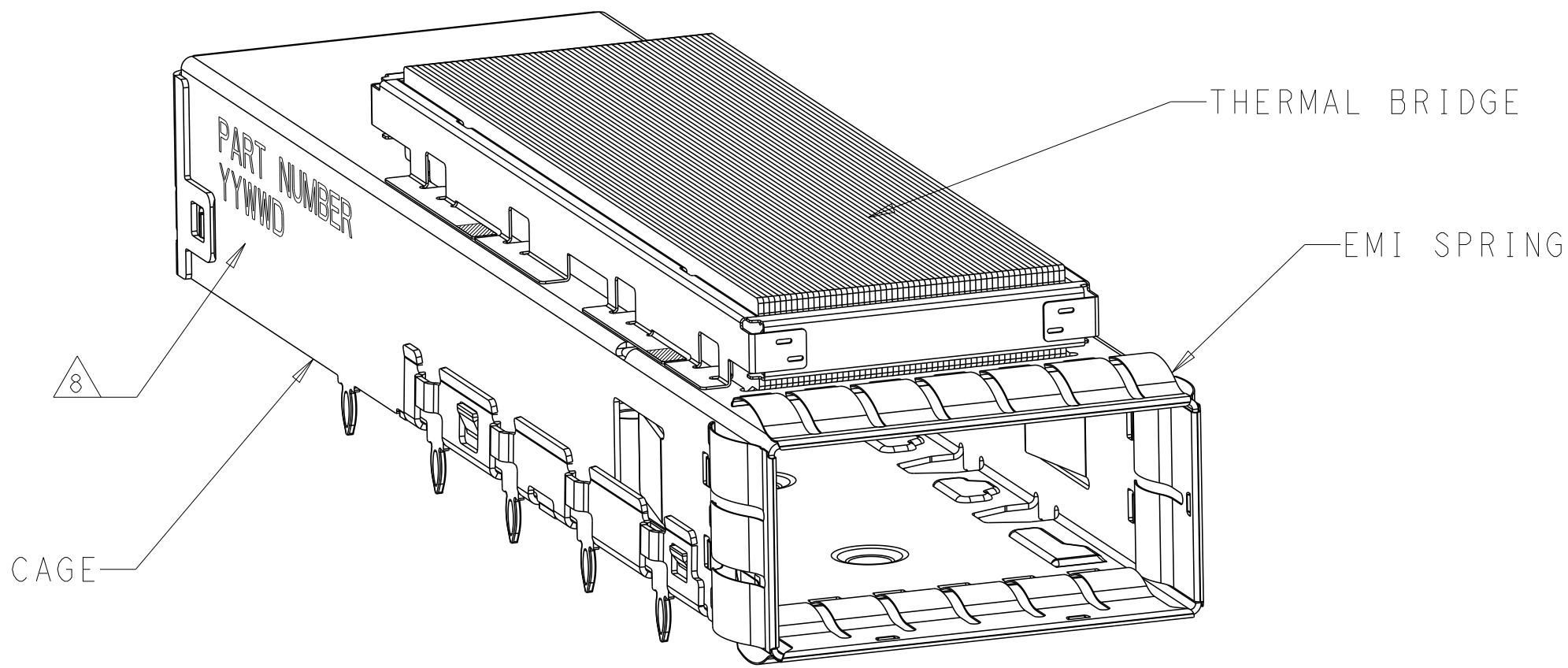
A

D

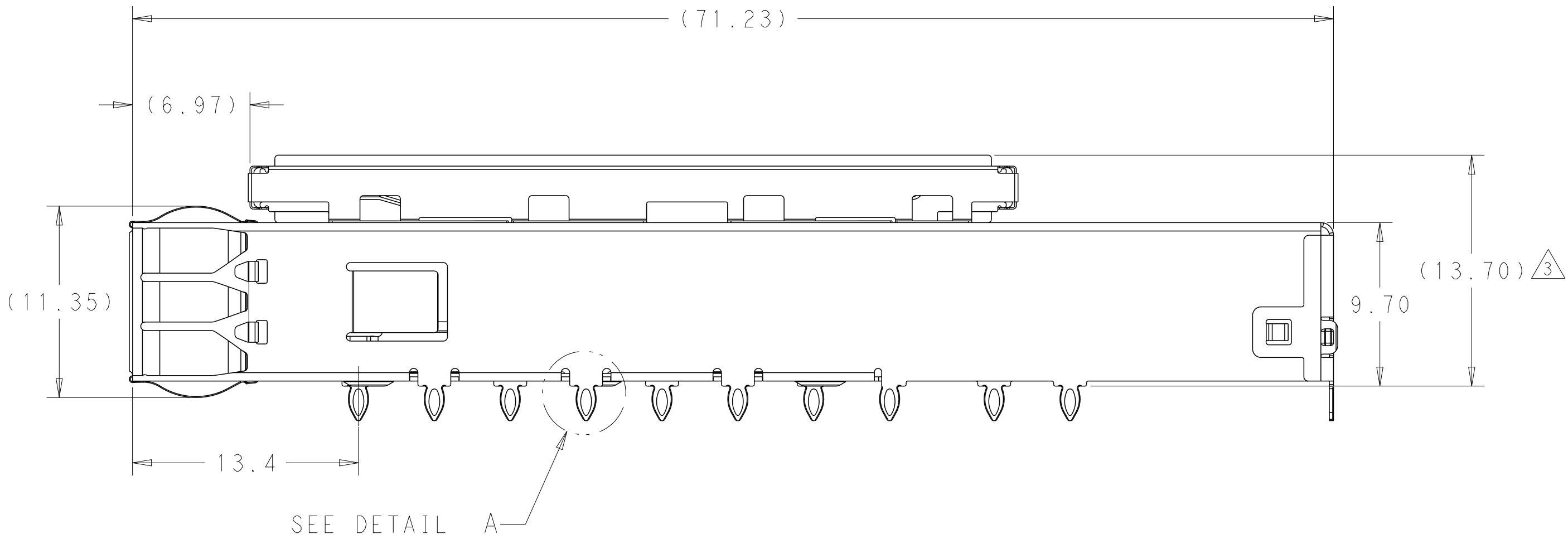
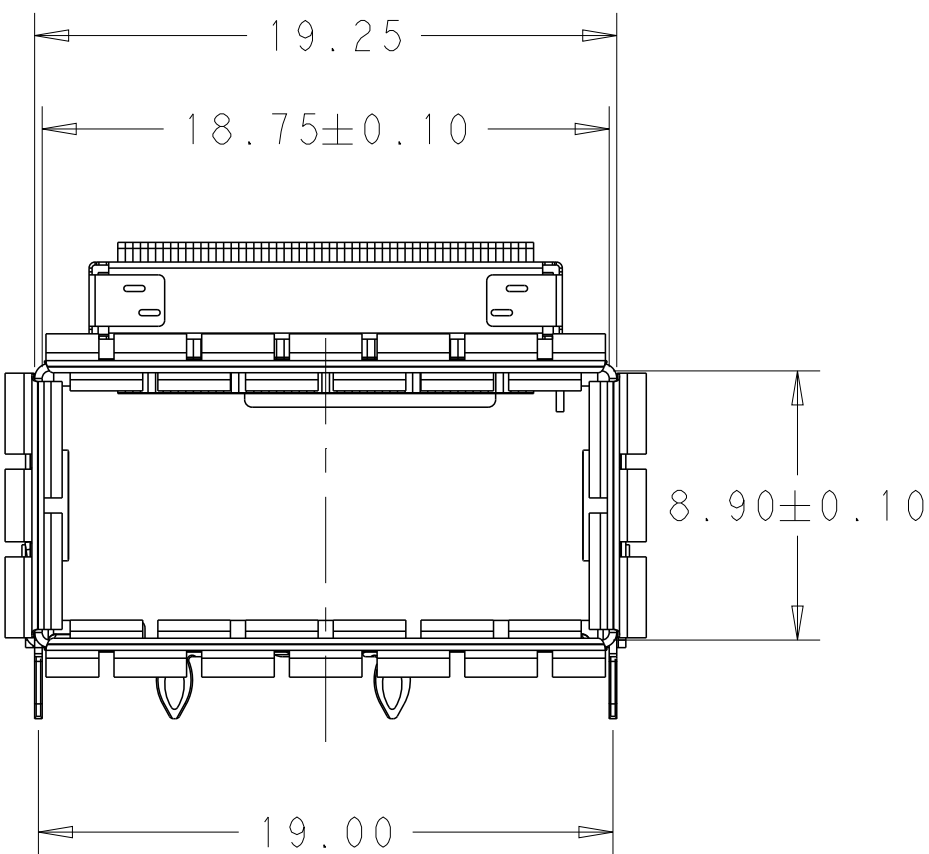
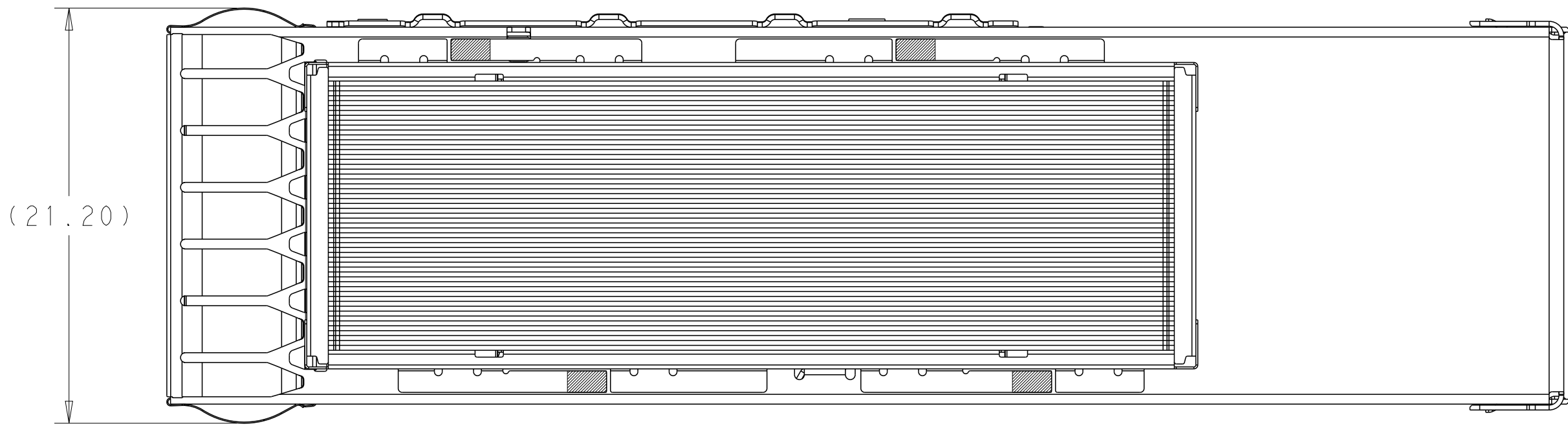
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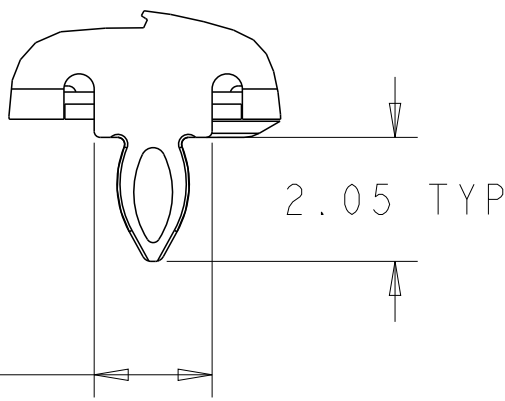
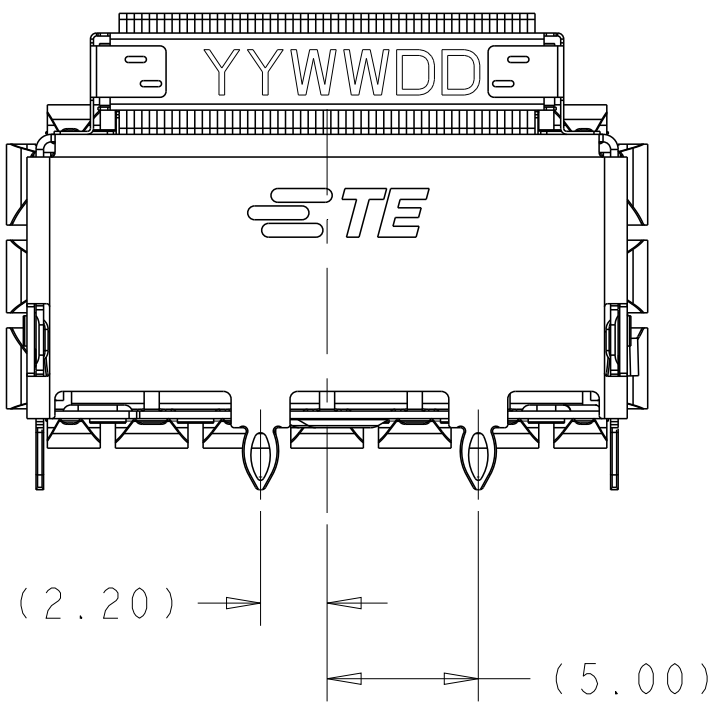
A



2354751-1 AS SHOWN
SCALE 4:1



2354751-1
SCALE 4:1



DETAIL A
SCALE 8:1

1. MATERIAL:
CAGE MATERIAL : 0.25 THICK STAINLESS STEEL.
SPRING MATERIAL: COPPER ALLOY
THERMAL BRIDGE: COPPER ALLOY

2. FINISH:
SPRING: NICKEL PLATING
CONNECTOR EMI SPRING: TIN PLATING
THERMAL BRIDGE: ELECTROLESS NICKEL

3. DIMENSION APPLIES PRIOR TO MODULE INSTALLED IN THE CAGE TO TOP OF THERMAL BRIDGE.

4. REFERENCE APPLICATION SPEC 114-60025 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

6. MINIMUM PC BOARD THICKNESS : SINGLES SIDED: 1.57 MIN
DOUBLE SIDED: 3.00 MIN

7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

8. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN

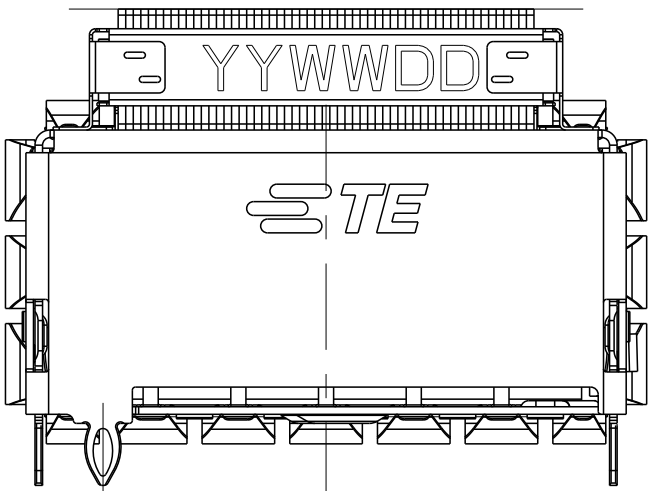
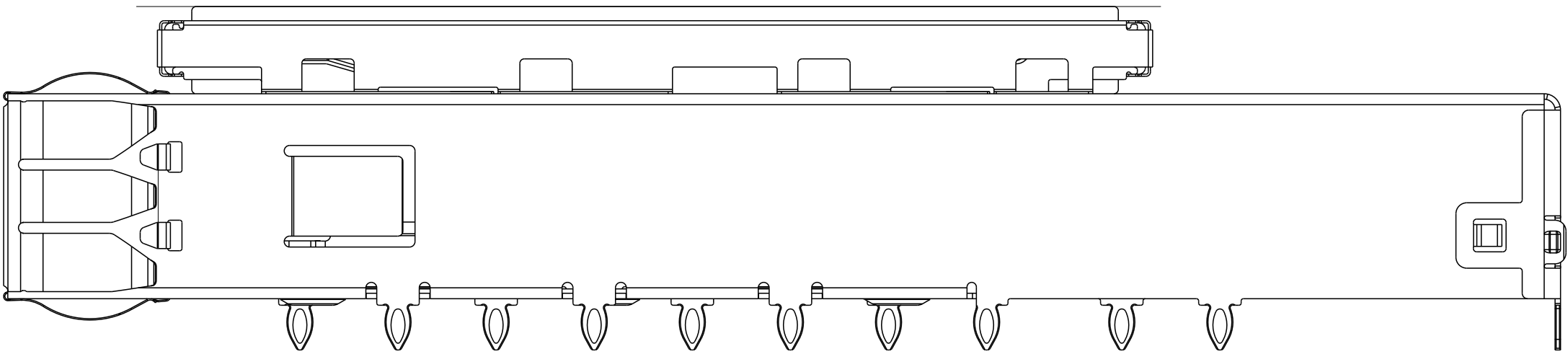
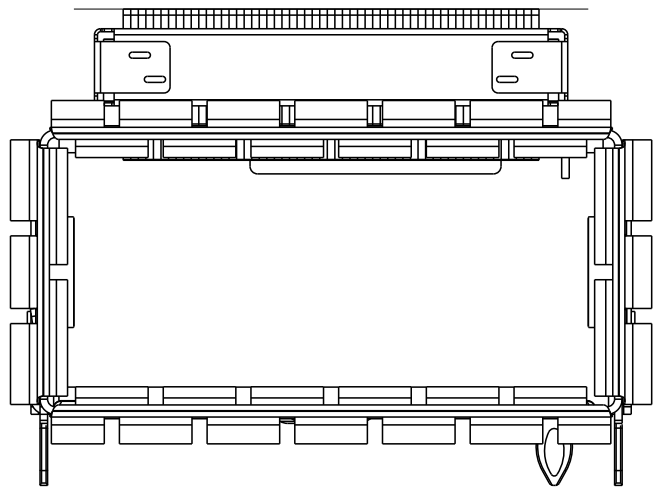
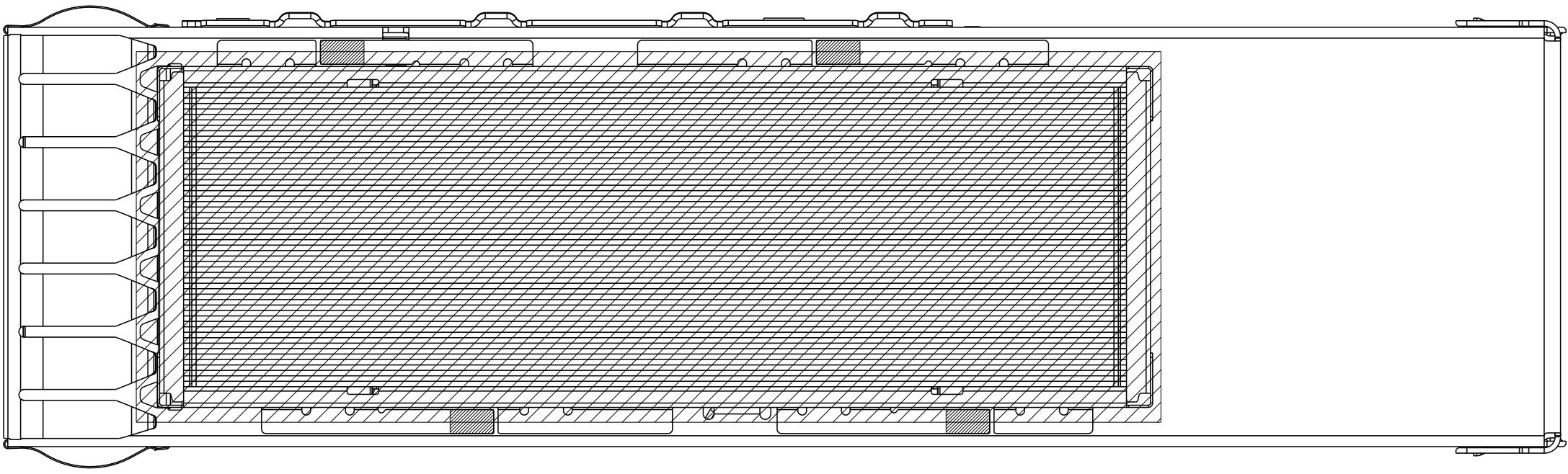
9. MATES WITH QSFP DD MSA COMPATIBLE TRANSCEIVER.

10. RECOMMENDED STANDOFF HEIGHT FOR COLD PLATE:
OPTION 1: 13.50 +/-0.20 MM WITH THERMAL GREASE, THERMAL GREASE THICKNESS: 0.10+/-0.05MM.
OPTION 2: 13.40+/-0.20 MM WITHOUT THERMAL GREASE.

STANDARD	0	2354751-4
STANDARD	1	2354751-3
STANDARD	2	2354751-1
REMARK	# REAR PINS	PART NUMBER

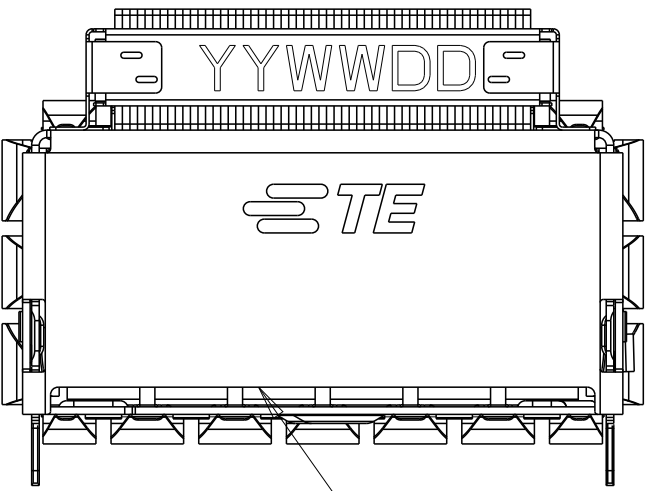
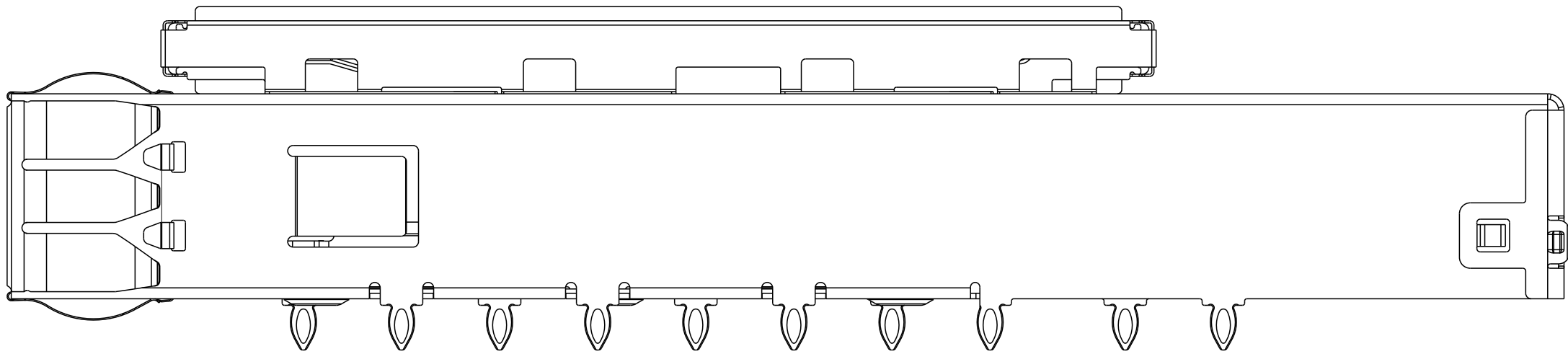
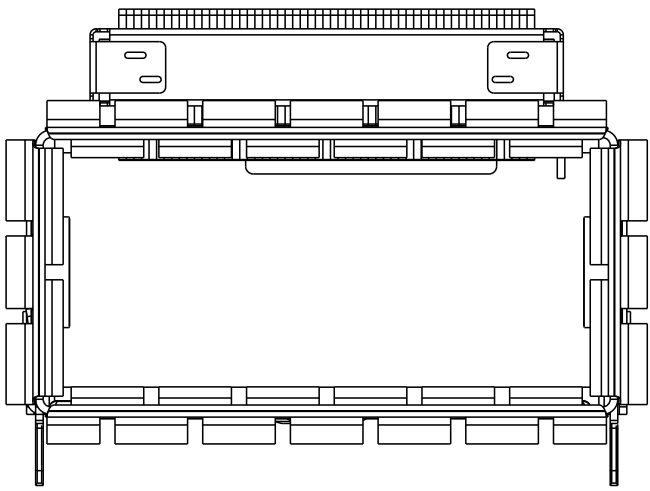
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LEO LI 19APR2019	 TE Connectivity							
DIMENSIONS:		CHK SEAN HAN 19APR2019								
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 19APR2019	NAME							
		PRODUCT SPEC	CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER							
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.10 4 PLC ± ANGLES ±°	108-60122/108-130042	SIZE							
		APPLICATION SPEC	A1							
MATERIAL	FINISH	114-130017	CAGE CODE							
		WEIGHT	2354751							
CUSTOMER DRAWING		SCALE	2:1	SHEET	1	OF	10	REV	A4	

LOC		DIST		REVISIONS					
-		-		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	SEE SHEET 1	-	-	-	



(7.38)

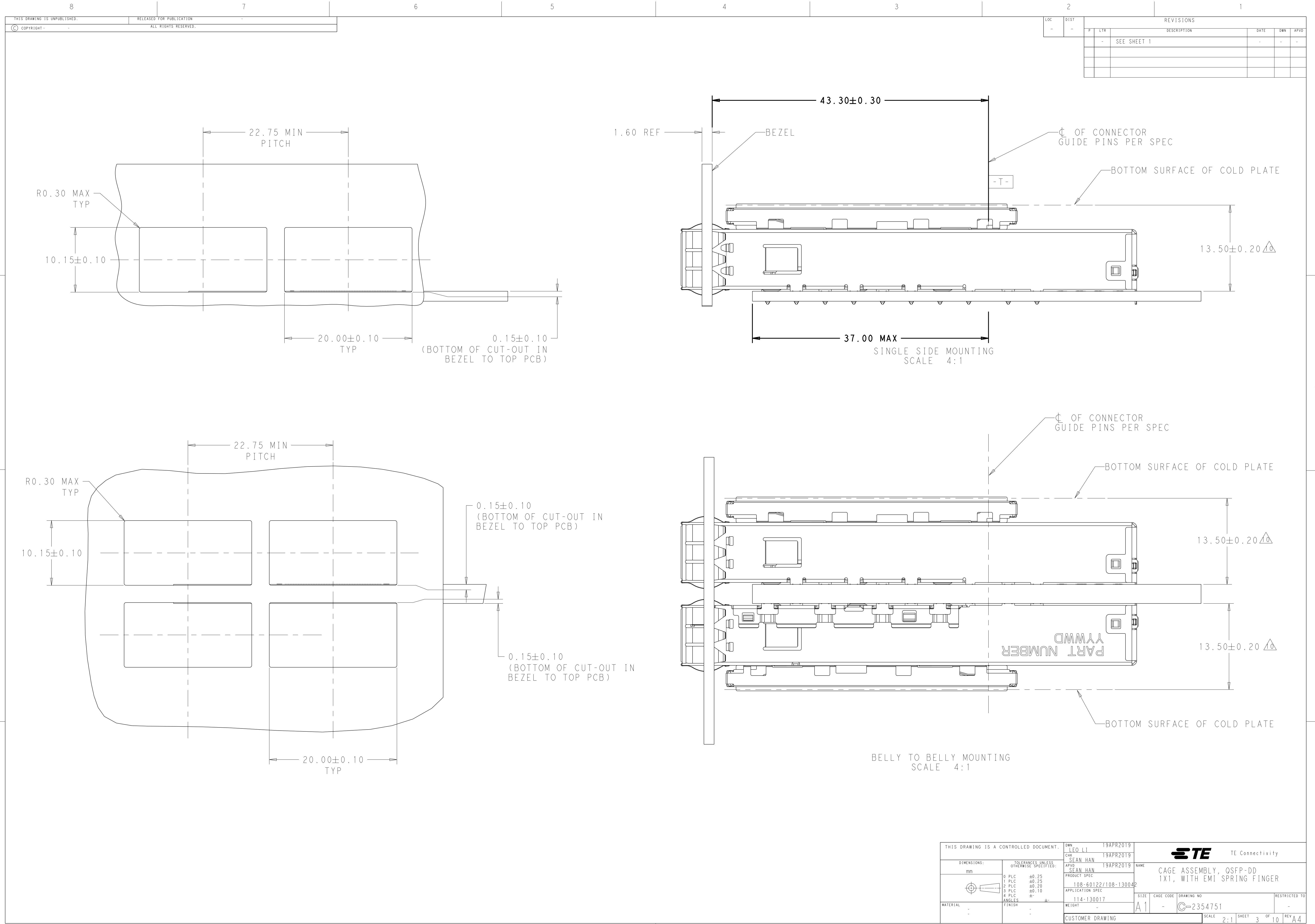
2354751-3 AS SHOWN
UNSPECIFIED DIMENSIONS SAME AS -1
SCALE 4:1



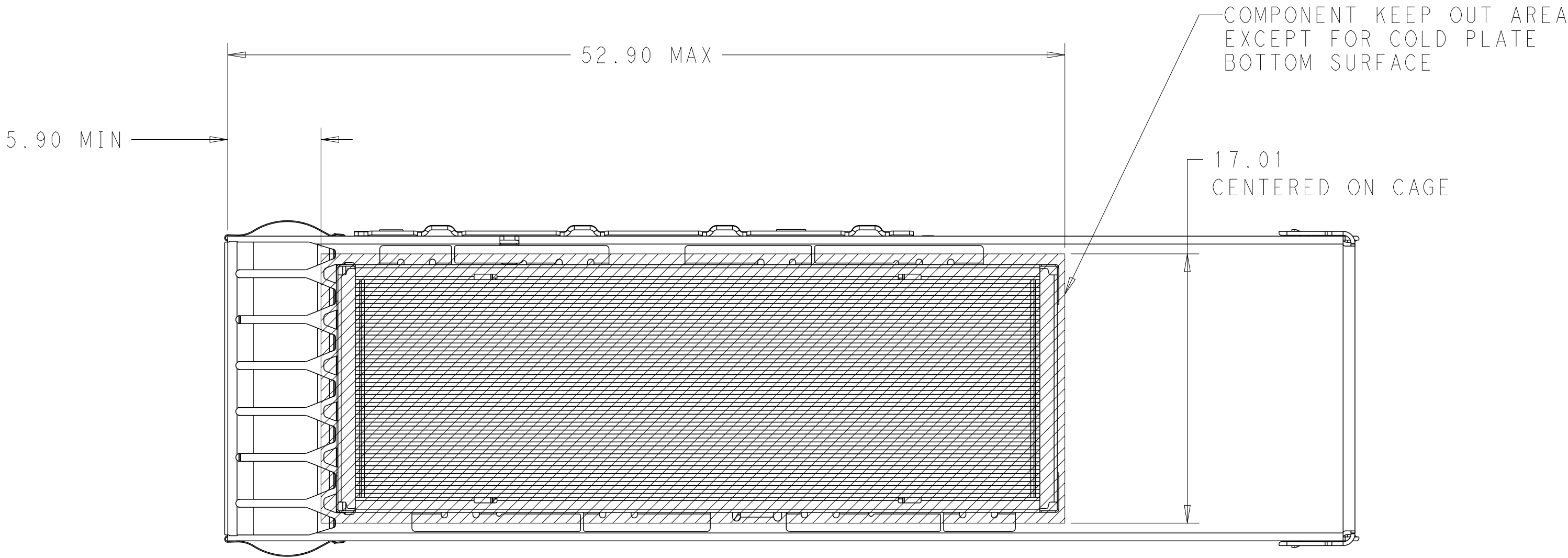
NO REAR PINS

2354751-4 AS SHOWN
UNSPECIFIED DIMENSIONS SAME AS -1
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LEO LI 19APR2019	 TE Connectivity	
		CHK SEAN HAN 19APR2019		
DIMENSIONS:		APVD SEAN HAN 19APR2019	NAME	
mm		PRODUCT SPEC	CAGE ASSEMBLY, QSPF-DD	
		108-60122/108-130042	1X1, WITH EMI SPRING FINGER	
		APPLICATION SPEC		
		114-130017		
MATERIAL		WEIGHT	SIZE	RESTRICTED TO
-		-	A1	-
		CUSTOMER DRAWING	SCALE	REV
			2:1	A4



LOC		DIST		REVISIONS						
-		-		P	LTR	DESCRIPTION	DATE	DWN	APVD	
				-	SEE SHEET 1	-	-	-		



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

LEO LI

19APR2019

CHK

SEAN HAN

19APR2019

APVD

SEAN HAN

19APR2019

DIMENSIONS:

mm

0 PLC

±0.25

1 PLC

±0.25

2 PLC

±0.20

3 PLC

±0.10

4 PLC

±

ANGLES

±

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

108-60122/108-130042

APPLICATION SPEC

114-130017

WEIGHT

-

CUSTOMER DRAWING

NAME

CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER

SIZE

A1

CAGE CODE

-

DRAWING NO

2354751

RESTRICTED TO

-

SCALE

2:1

SHEET

4

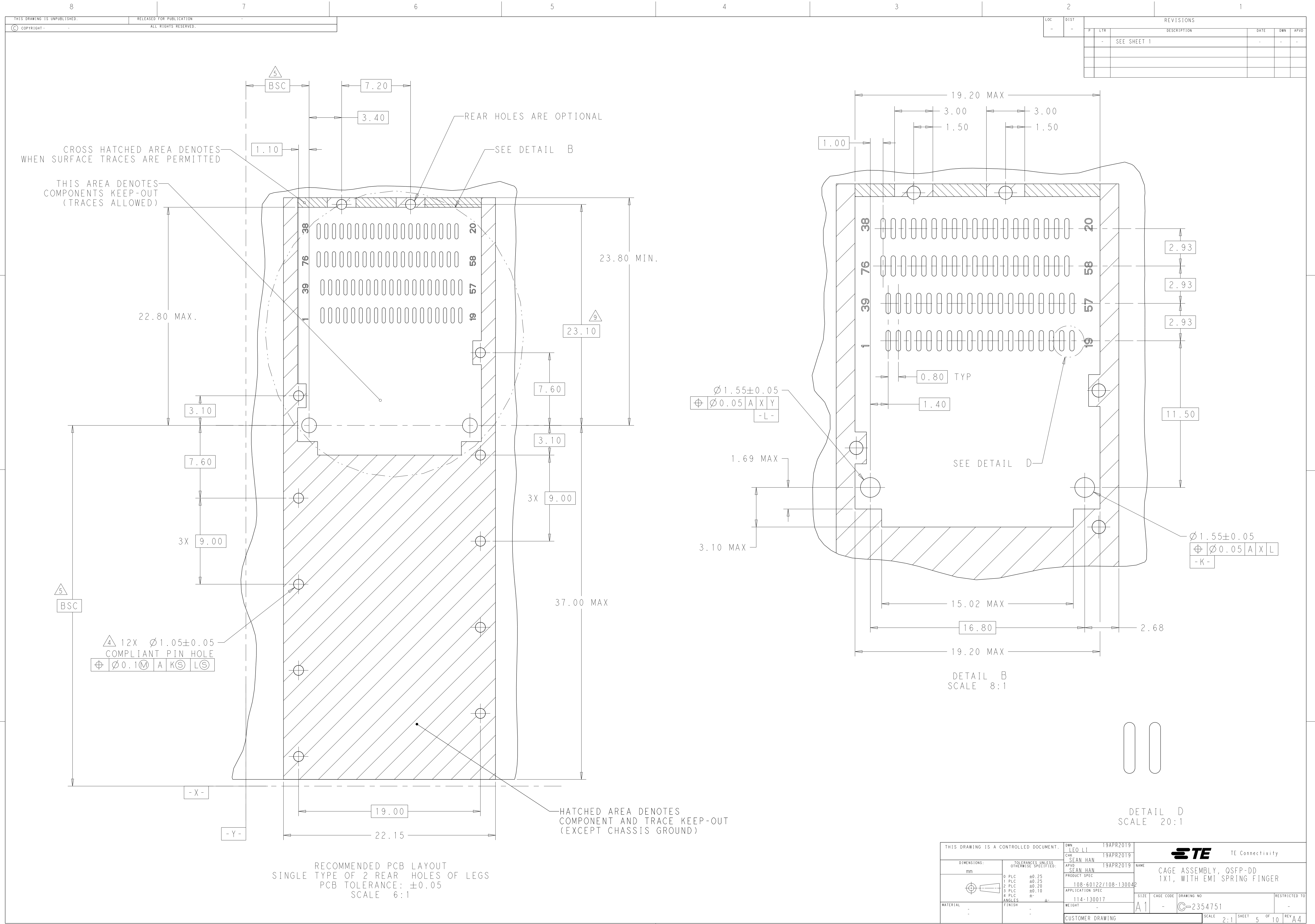
OF

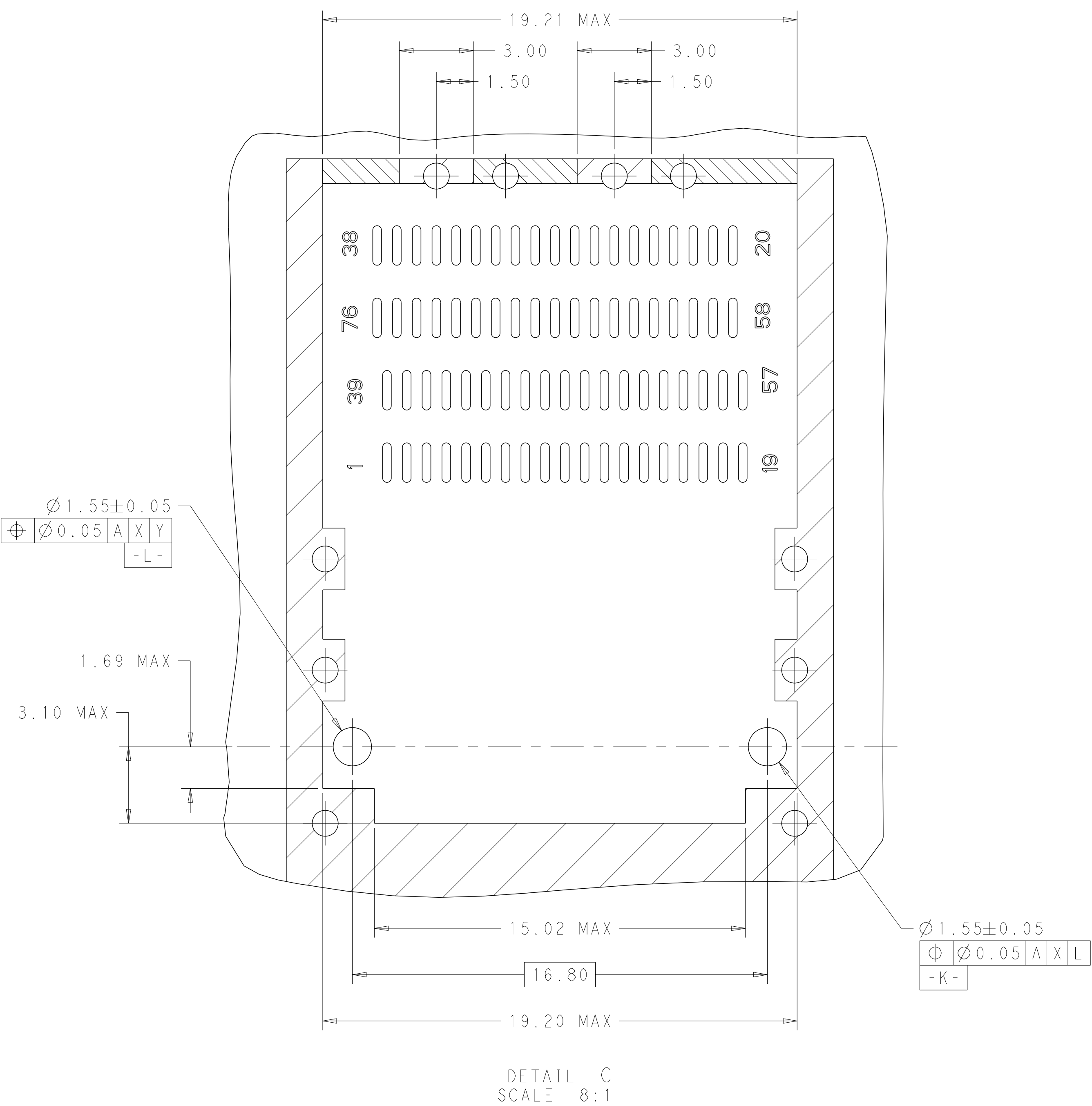
10

REV

A4

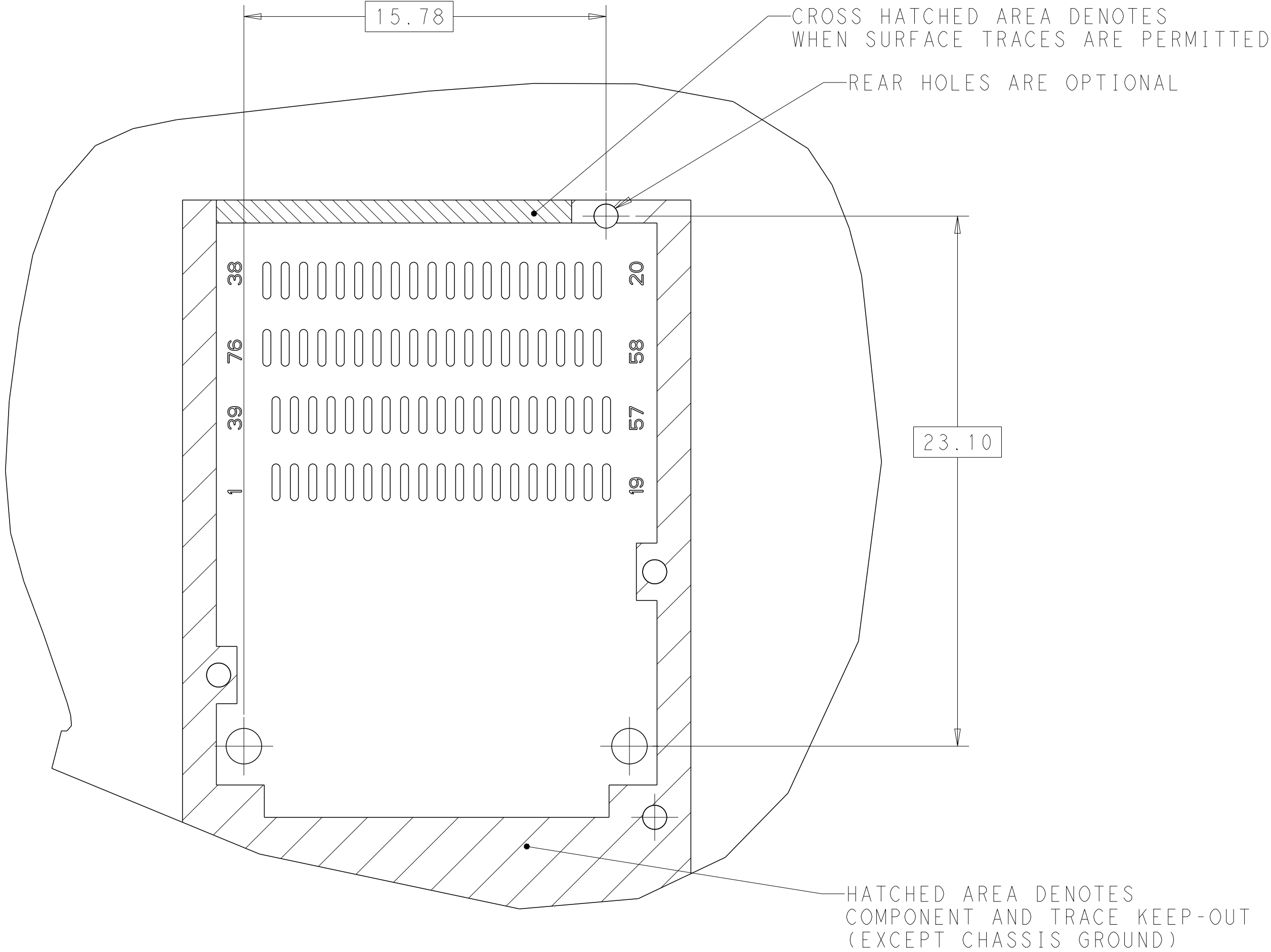
TE Connectivity



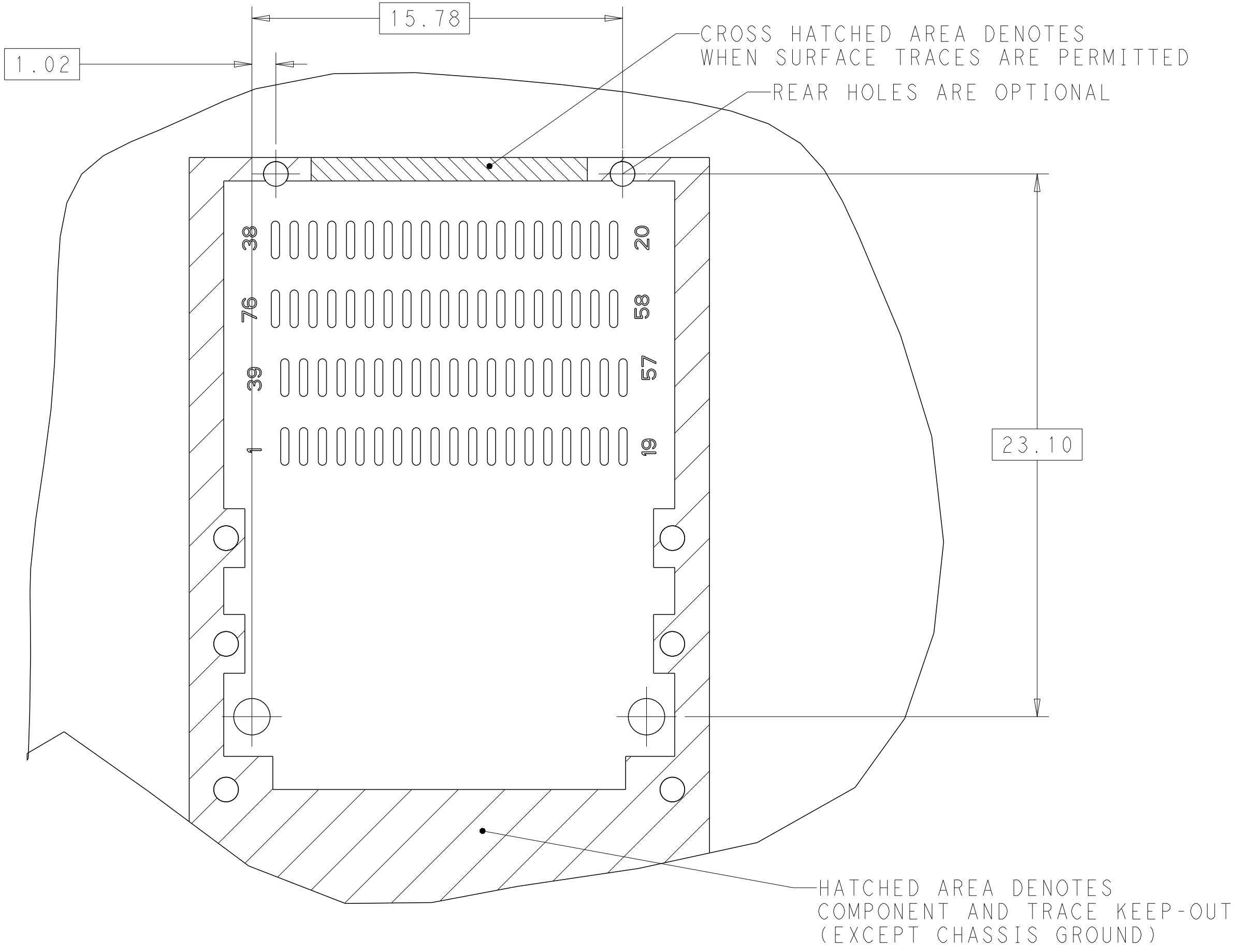


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: 19APR2019 LEO LI CHK: 19APR2019 SEAN HAN APP'D: 19APR2019 SEAN HAN		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.10 4 PLC ±0.10		NAME: CAGE ASSEMBLY, QSFP-DD IX1, WITH EMI SPRING FINGER	
		PRODUCT SPEC: 108-60122/108-130042 APPLICATION SPEC: 114-130017		SIZE: CAGE CODE: DRAWING NO: 2354751 RESTRICTED TO:	
MATERIAL: - FINISH: -		WEIGHT: -		A1 - © 2354751	
		CUSTOMER DRAWING		SCALE: 2:1 SHEET 6 OF 10 REV A	

LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 1 REAR HOLE
PCB TOLERANCE: ±0.05
SCALE 6:1



RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 1 REAR HOLE
PCB TOLERANCE: ±0.05
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

LEO LI

19APR2019

CHK

SEAN HAN

19APR2019

APVD

SEAN HAN

19APR2019

NAME

CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER

PRODUCT SPEC

108-60122/108-130042

APPLICATION SPEC

114-130017

SIZE

A1

CAGE CODE

-

DRAWING NO

2354751

RESTRICTED TO

-

MATERIAL

-

WEIGHT

-

CUSTOMER DRAWING

SCALE

2:1

SHEET

7

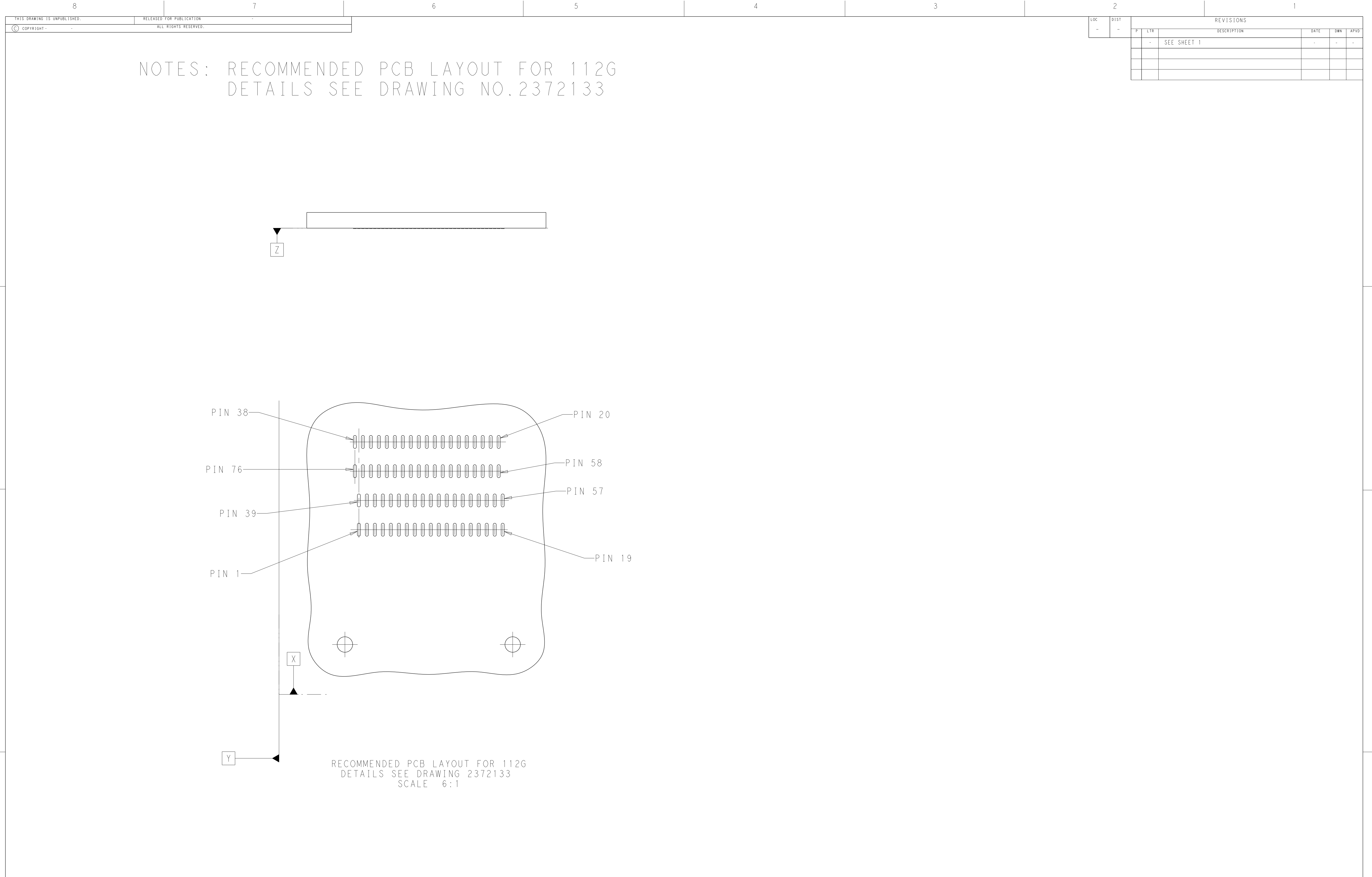
OF

10

REV

A4

TE Connectivity



LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LEO LI 19APR2019	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 19APR2019		
mm		APVD SEAN HAN 19APR2019		
		NAME CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-60122/108-130042	SIZE A1	
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.10 4 PLC ± ANGLES ± FINISH -		APPLICATION SPEC 114-130017		
MATERIAL -		WEIGHT -	C=2354751	
		CUSTOMER DRAWING	SCALE 2:1	
			SHEET 8 OF 10	
			REV A4	

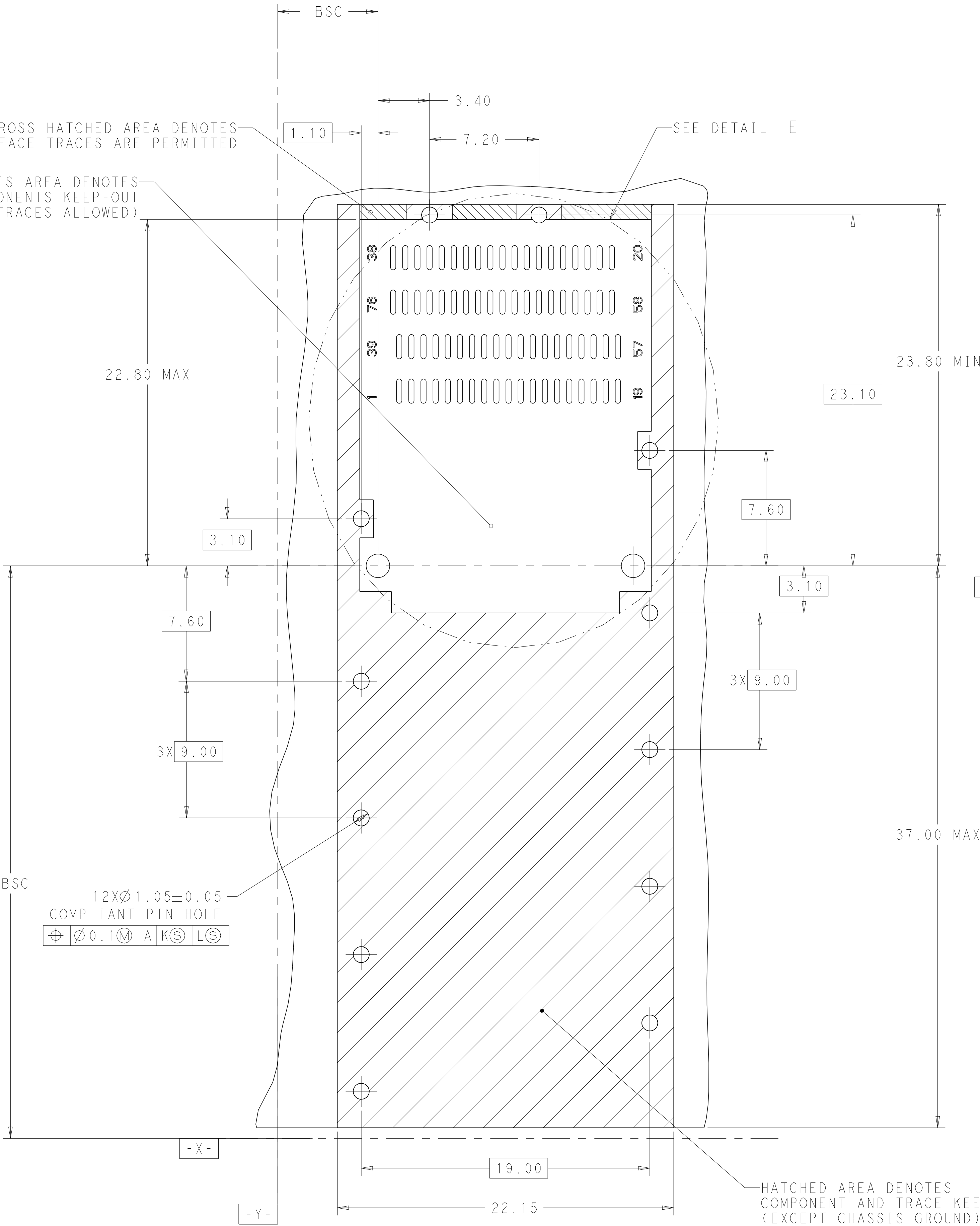
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	-

NOTES: RECOMMENDED PCB LAYOUT FOR 112G

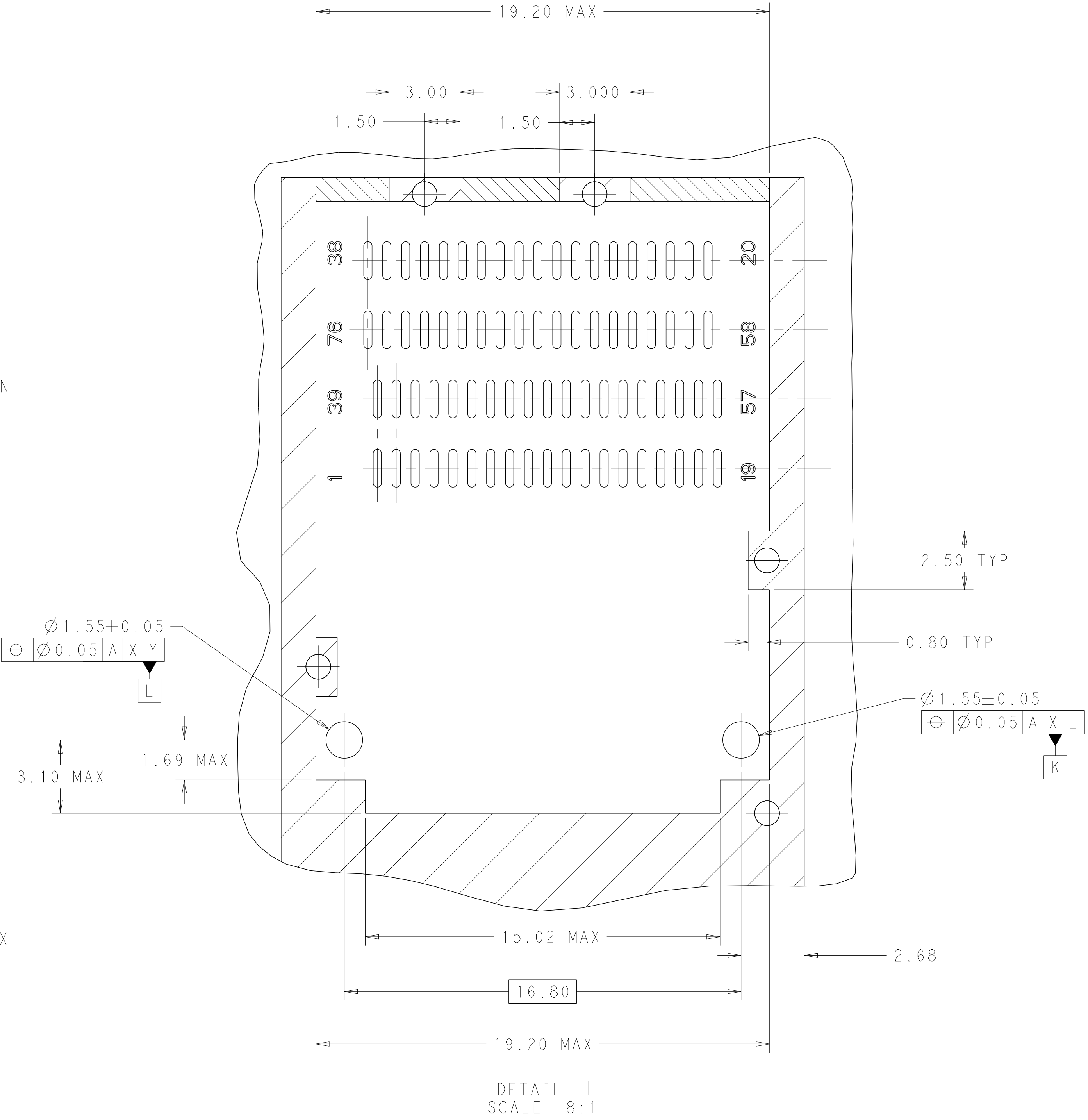
CROSS HATCHED AREA DENOTES WHEN SURFACE TRACES ARE PERMITTED

THIS AREA DENOTES COMPONENTS KEEP-OUT (TRACES ALLOWED)

SEE DETAIL E



RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	LEO LI	19APR2019	 TE Connectivity			
		CHK	SEAN HAN	19APR2019				
DIMENSIONS:		APVD	SEAN HAN	19APR2019	NAME	CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER		
mm		PRODUCT SPEC						
		108-60122/108-130042						
		APPLICATION SPEC						
		114-130017						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
1 P L C ±0.25		-		A 1	-	©=2354751	-	
1 P L C ±0.25		-						
2 P L C ±0.20		-						
3 P L C ±0.10		-						
4 P L C ±0.10		-						
ANGLES		FINISH						
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