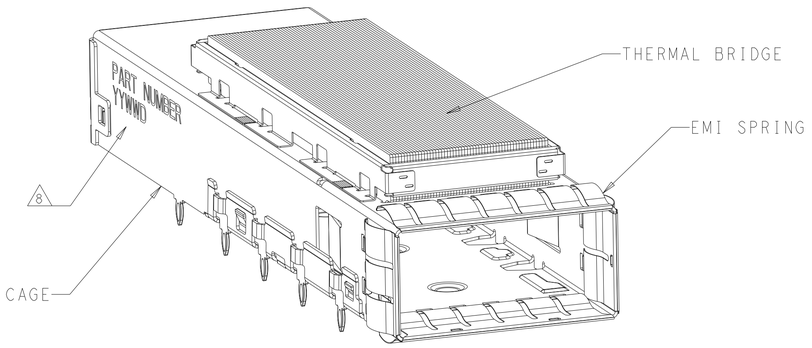
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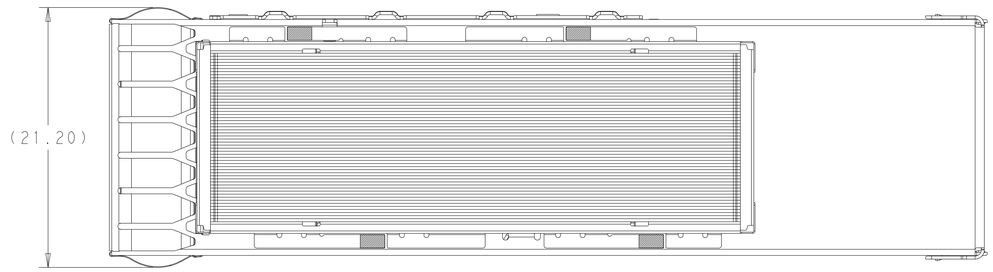
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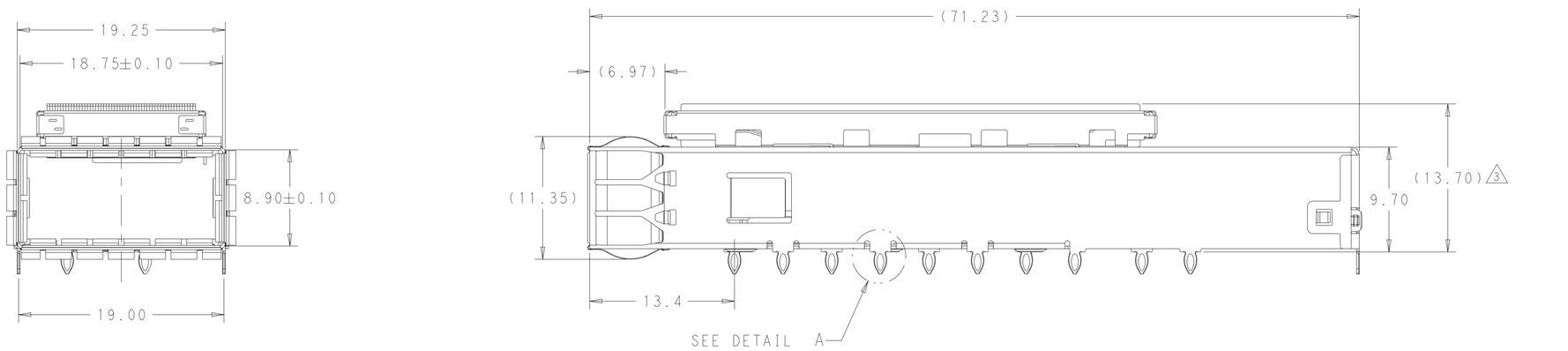
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	04JUN2020	VL	SH
	A1	REMOVE NOTE11	30JUN2020	VL	SH
	A2	REVISED PER ECN-21-117003	28JUN2021	SH	SZ

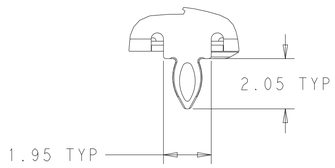


2354751-1 AS SHOWN
SCALE 4:1





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.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.10
4 PLC ±
ANGLES ±

MATERIAL - -
FINISH - -

DWN LEO LI 19APR2019
CHK SEAN HAN 19APR2019
APVD SEAN HAN 19APR2019

TE Connectivity

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

PRODUCT SPEC 108-60122/108-130042
APPLICATION SPEC 114-130017
WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2354751	-

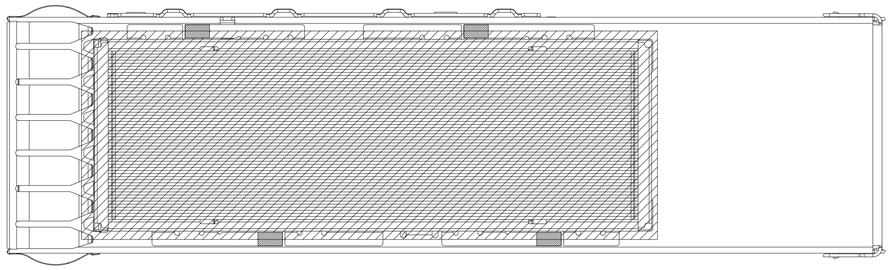
CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 7 | REV A2

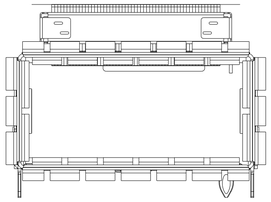
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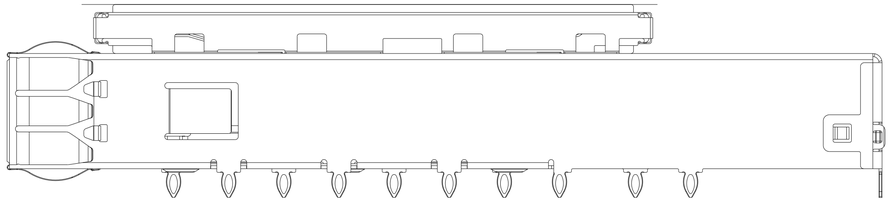
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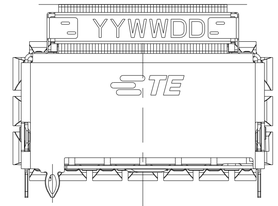
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-









(7.38)

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

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN LEO LI 19APR2019
CHK SEAN HAN 19APR2019
APVD SEAN HAN 19APR2019
PRODUCT SPEC 108-60122/108-130042
APPLICATION SPEC 114-130017
WEIGHT -

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2354751	-

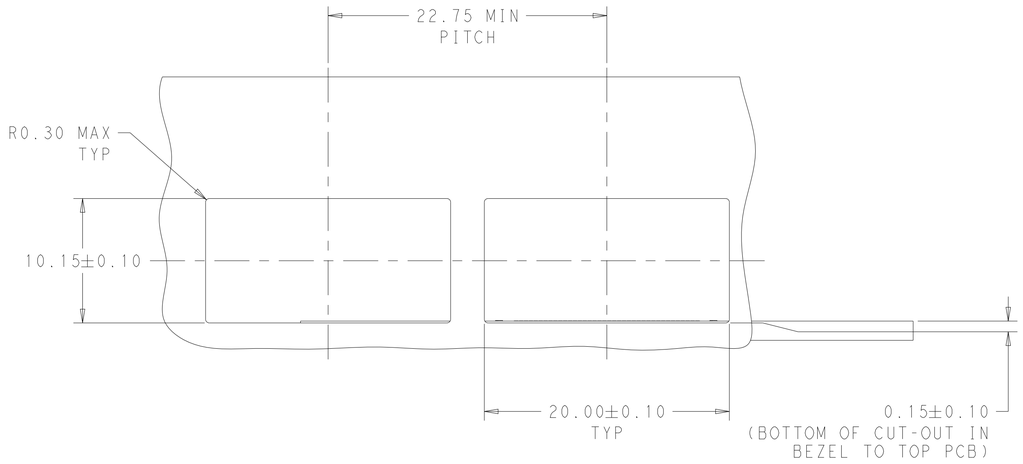
CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 7 | REV A2

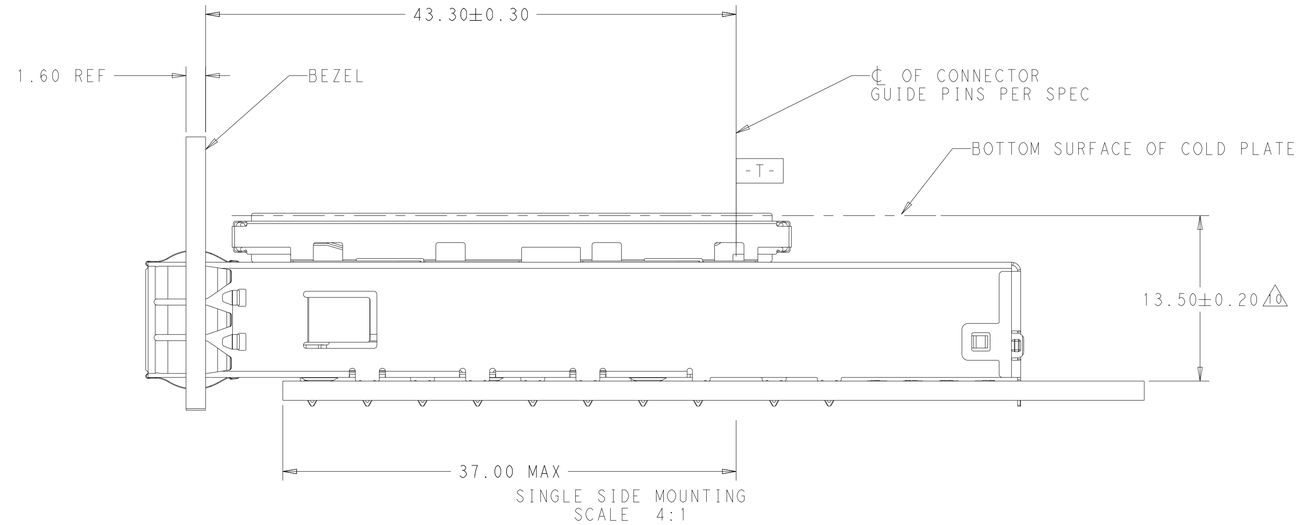
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LOC	DIST
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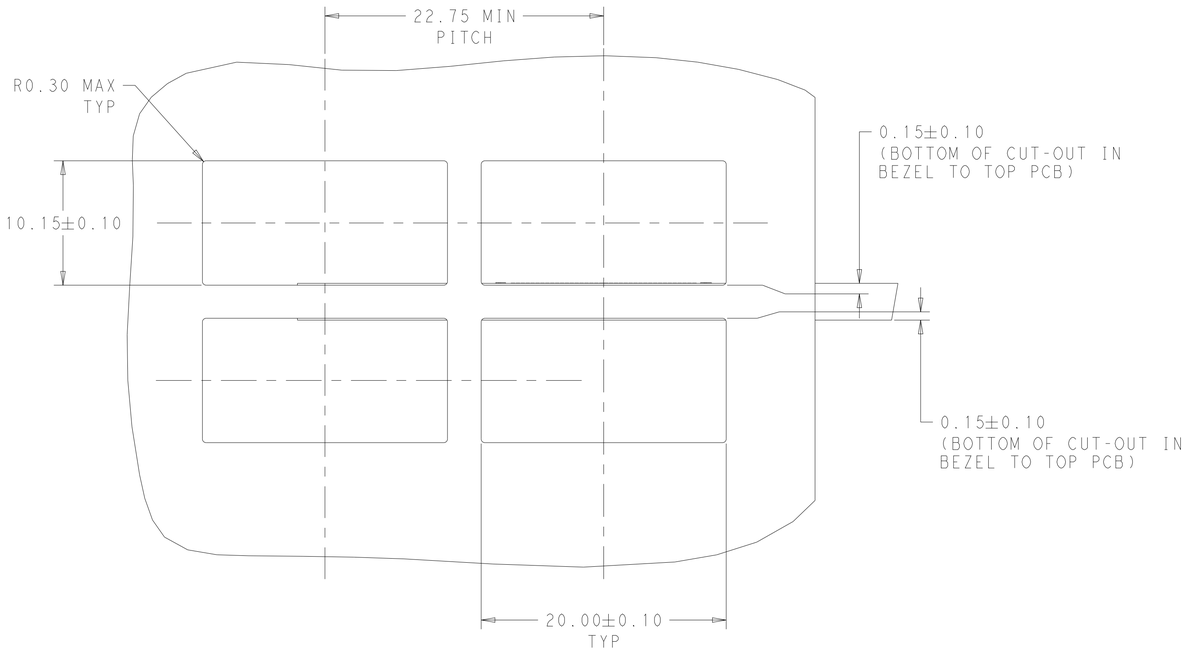
REVISIONS

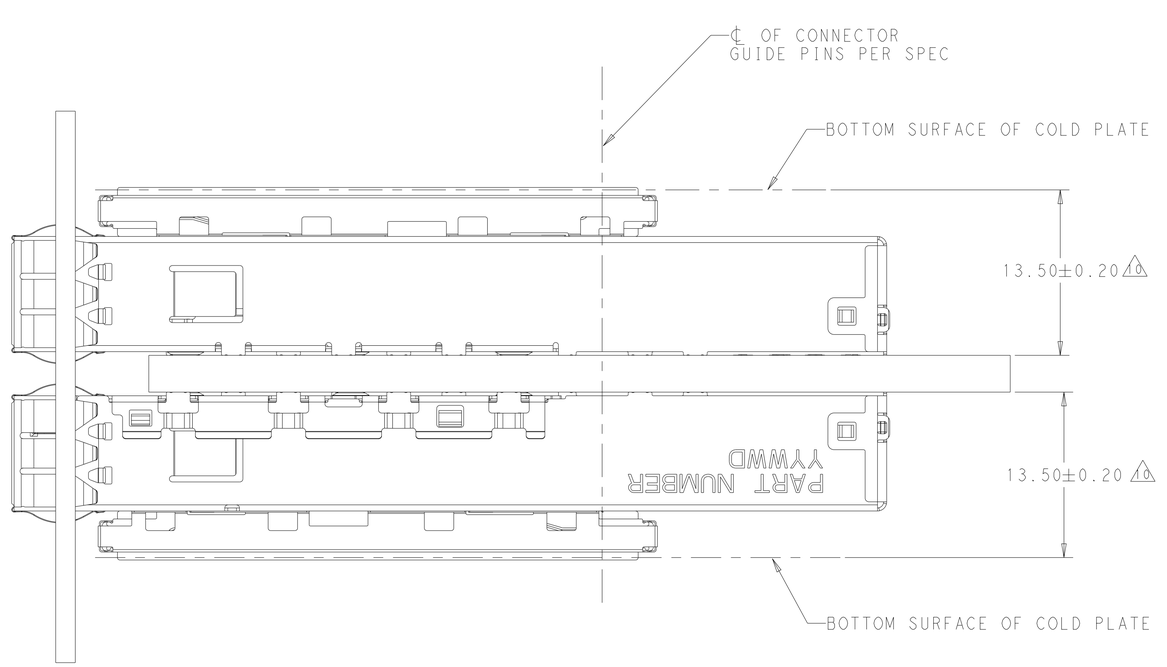
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





SINGLE SIDE MOUNTING
SCALE 4:1





BELLY TO BELLY MOUNTING
SCALE 4:1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN LEO LI 19APR2019
CHK SEAN HAN 19APR2019
APVD SEAN HAN 19APR2019
PRODUCT SPEC 108-60122/108-130042
APPLICATION SPEC 114-130017
WEIGHT -

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2354751	-

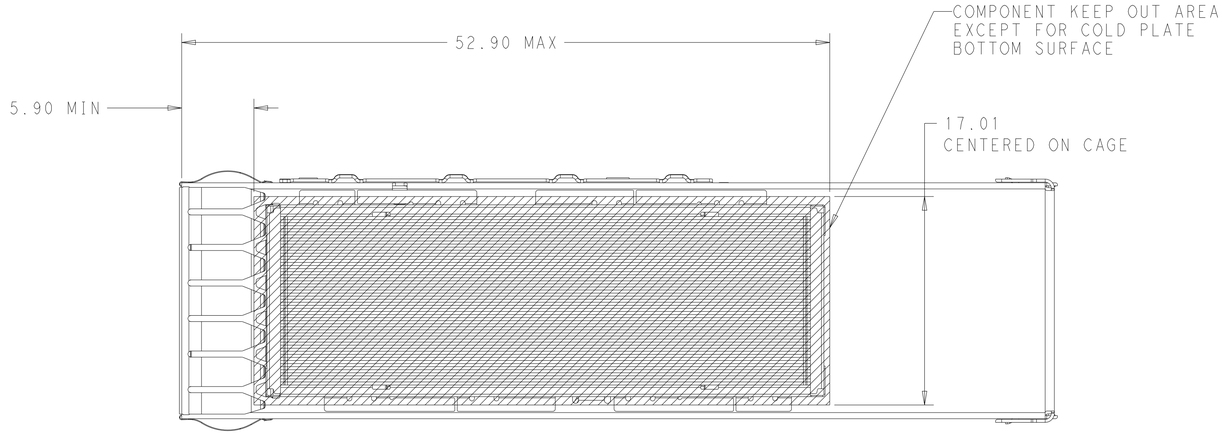
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LOC	DIST
-	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



COMPONENT KEEP OUT AREA FOR THERMAL BRIDGE

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN LEO LI 19APR2019
CHK SEAN HAN 19APR2019
APVD SEAN HAN 19APR2019
PRODUCT SPEC 108-60122/108-130042
APPLICATION SPEC 114-130017
WEIGHT -

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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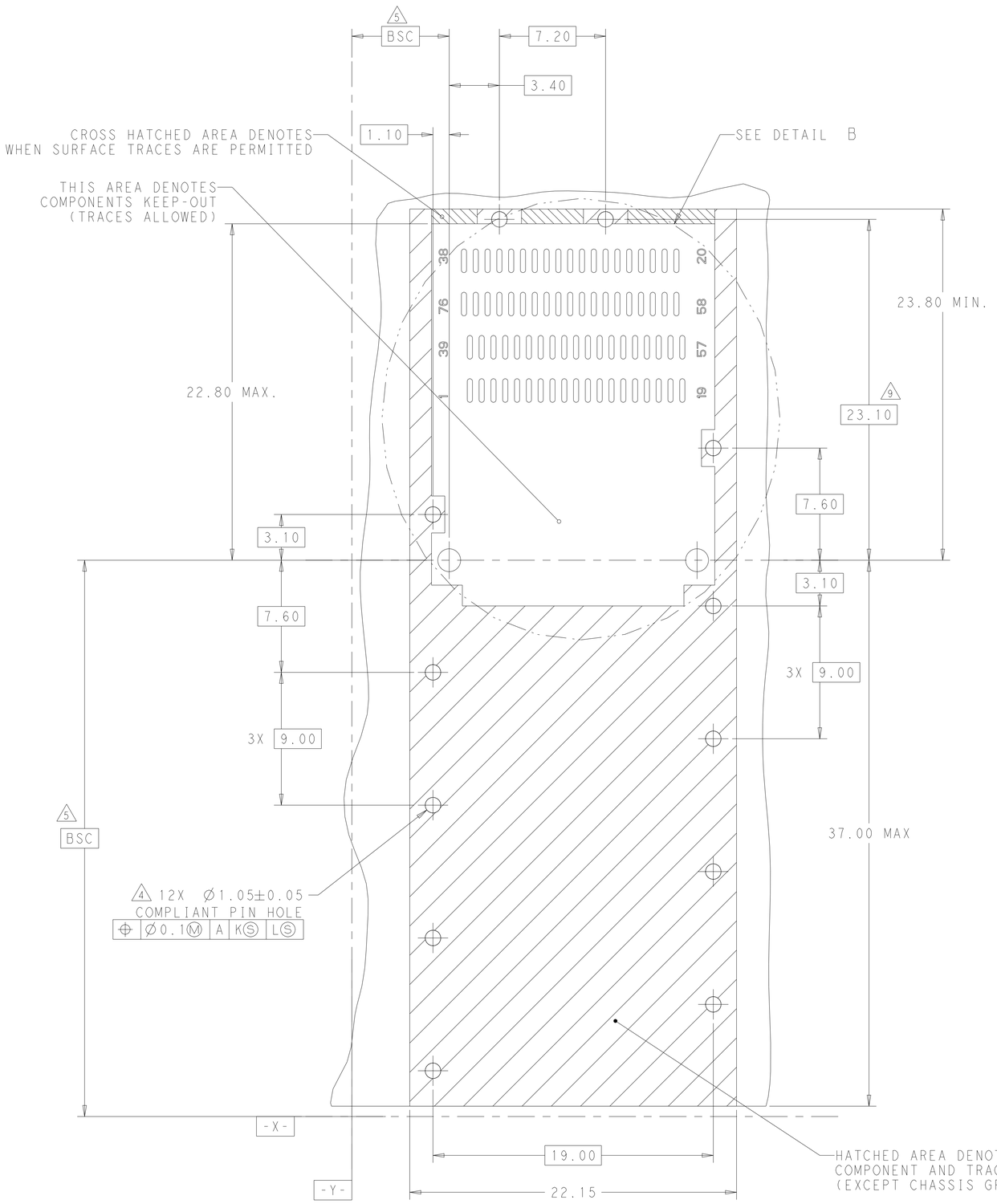
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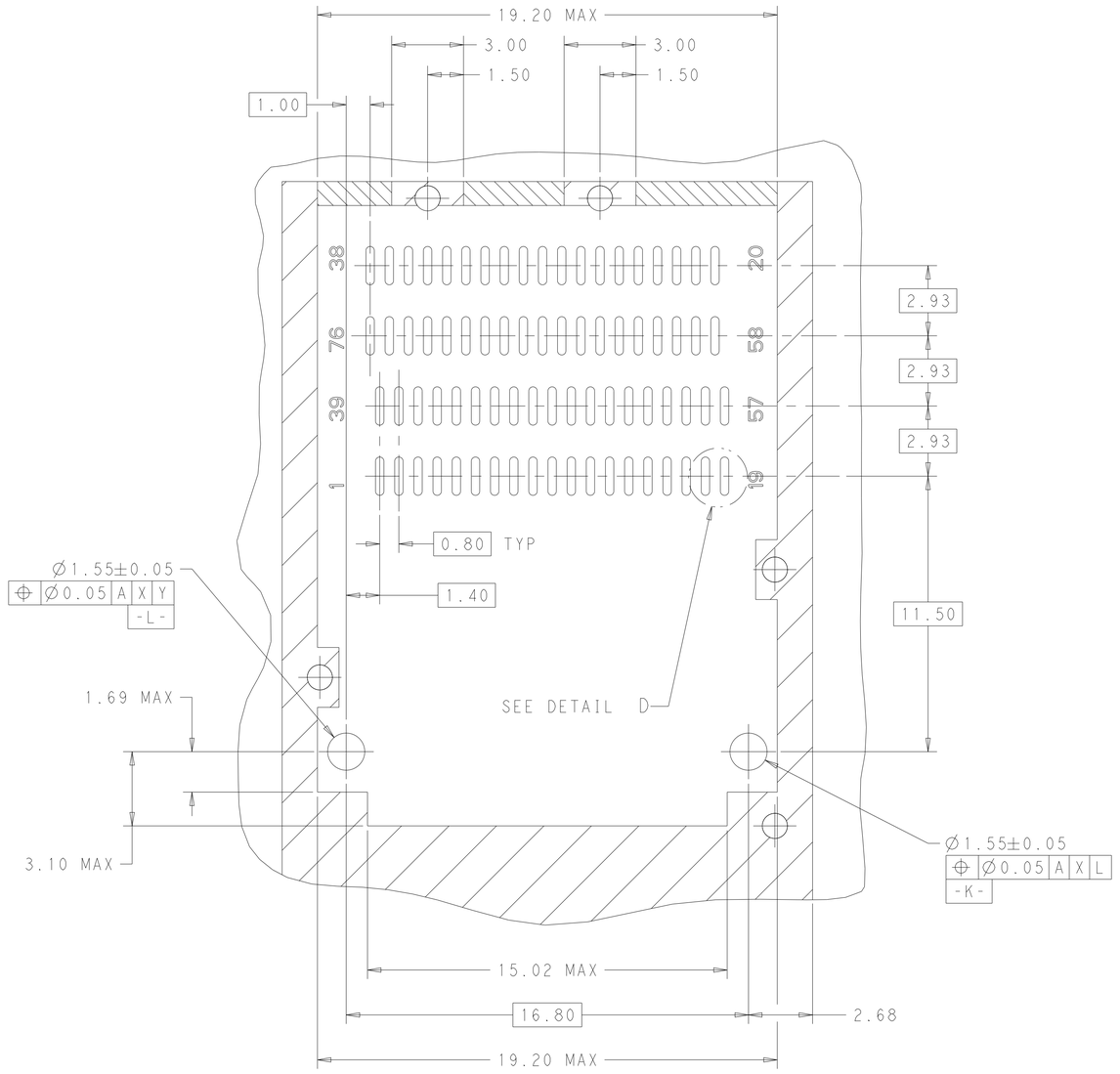
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REVISIONS

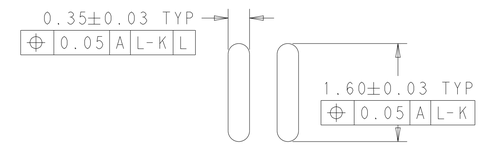
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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



DETAIL B
SCALE 8:1



DETAIL D
SCALE 20:1

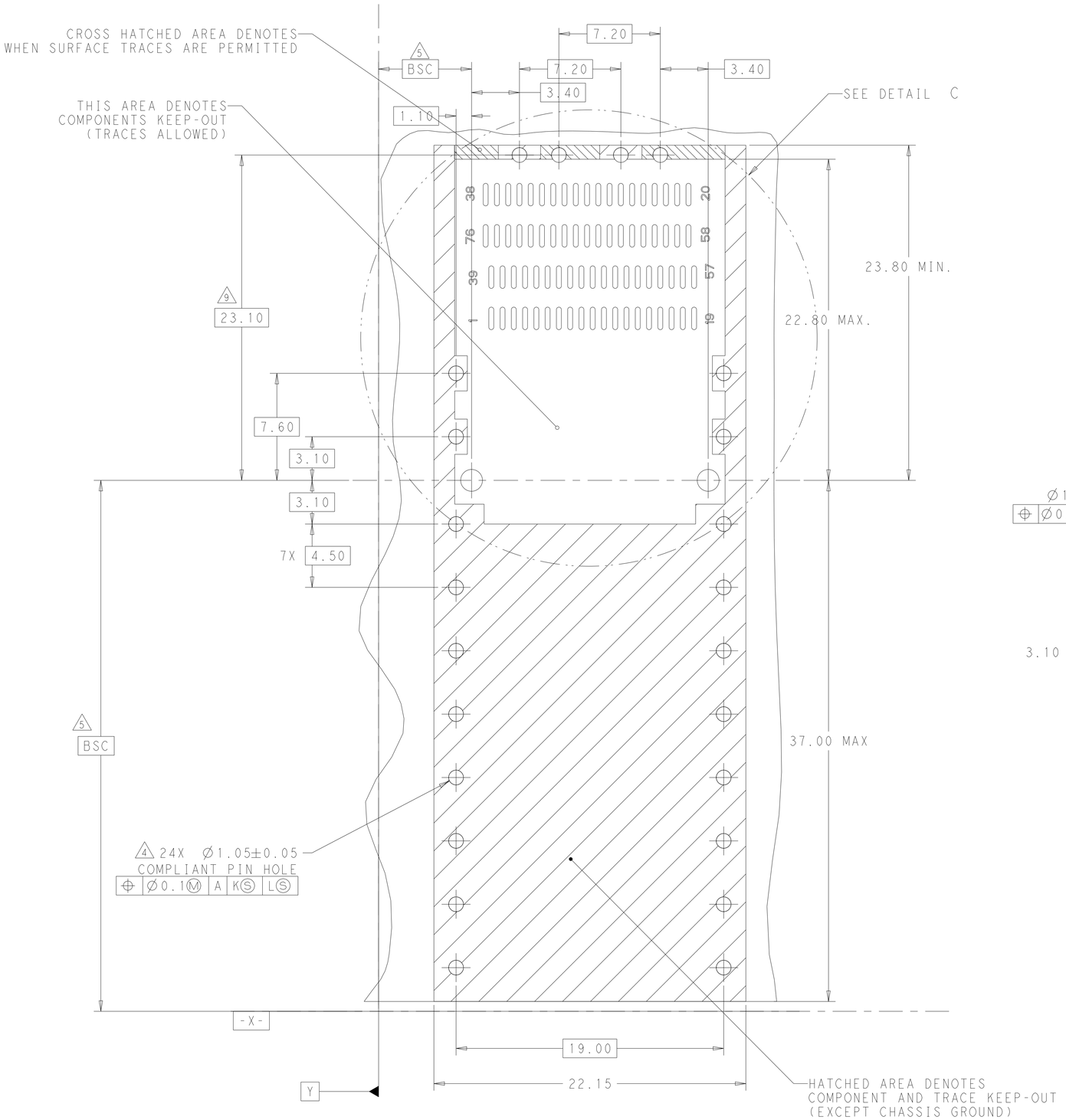
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN LEO LI 19APR2019	TE Connectivity	
DIMENSIONS: mm	CHK SEAN HAN 19APR2019	NAME CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25, 1 PLC ±0.25, 2 PLC ±0.20, 3 PLC ±0.10, 4 PLC ±, ANGLES ±	APVD SEAN HAN 19APR2019	PRODUCT SPEC 108-60122/108-130042	
		APPLICATION SPEC 114-130017	SIZE A1 / CAGE CODE - / DRAWING NO C-2354751 / RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	CUSTOMER DRAWING / SCALE 2:1 / SHEET 5 OF 7 / REV A2

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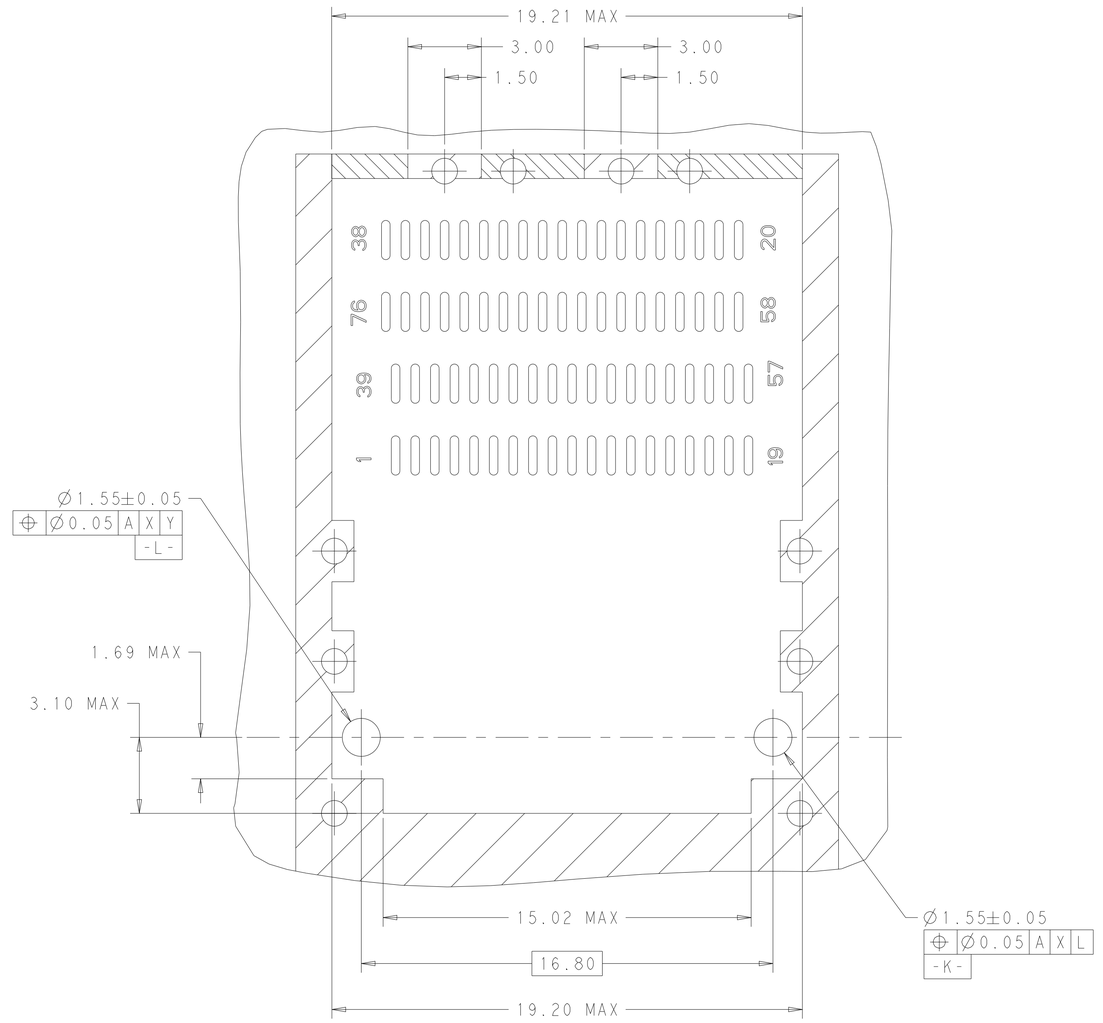
LOC	DIST
-	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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



DETAIL C
SCALE 8:1

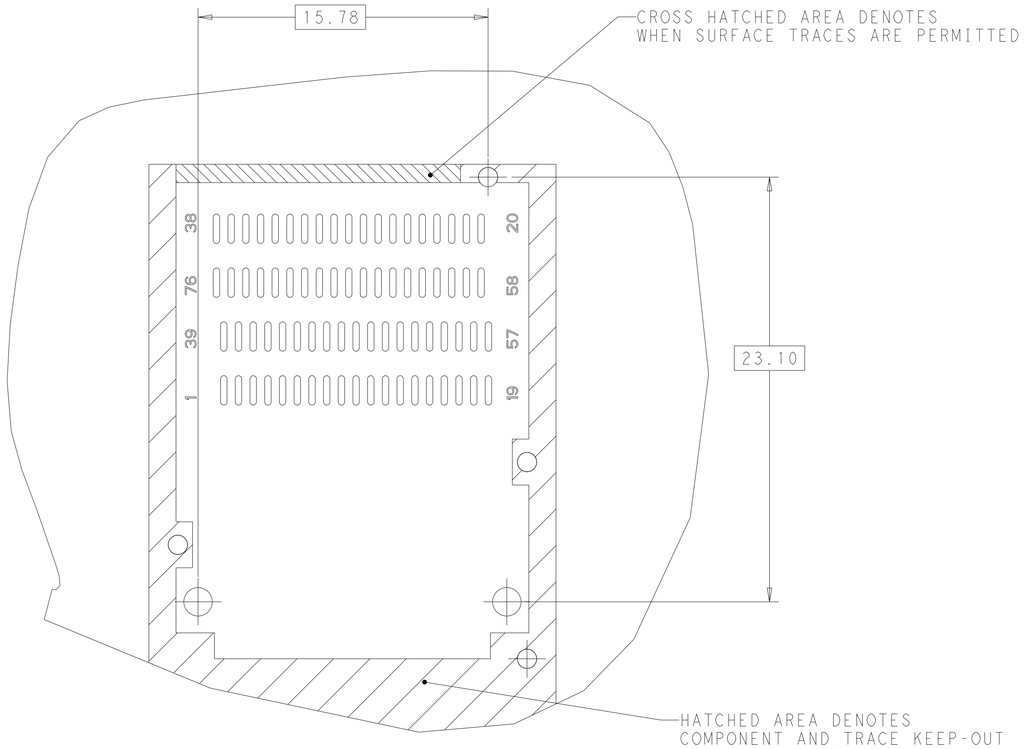
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN LEO LI 19APR2019	TE Connectivity	
DIMENSIONS: mm	CHK SEAN HAN 19APR2019		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25, 1 PLC ±0.25, 2 PLC ±0.20, 3 PLC ±0.10, 4 PLC ±, ANGLES ±	APVD SEAN HAN 19APR2019	NAME CAGE ASSEMBLY, QSFP-DD 1X1, WITH EMI SPRING FINGER	
	PRODUCT SPEC 108-60122/108-130042		
	APPLICATION SPEC 114-130017	SIZE A1 / CAGE CODE - / DRAWING NO C-2354751	RESTRICTED TO -
MATERIAL - -	WEIGHT - / FINISH - -	CUSTOMER DRAWING	SCALE 2:1 / SHEET 6 OF 7 / REV A2

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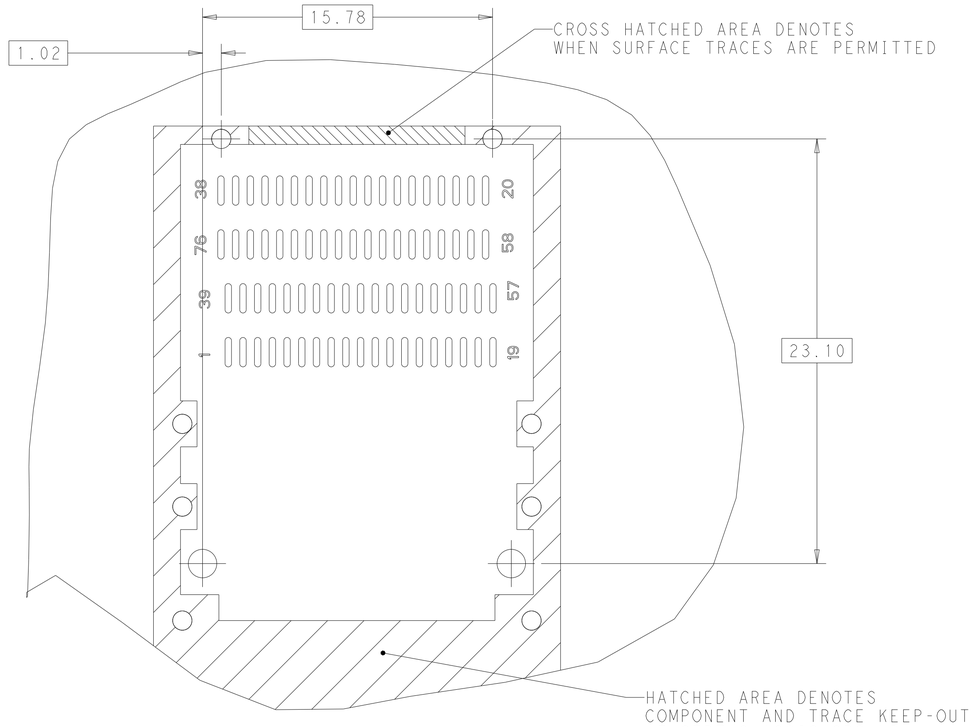
LOC	DIST
-	-

REVISIONS

P	LTR	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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN LEO LI 19APR2019
CHK SEAN HAN 19APR2019
APVD SEAN HAN 19APR2019
PRODUCT SPEC 108-60122/108-130042
APPLICATION SPEC 114-130017
WEIGHT -

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2354751	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 7 OF 7 | REV A2