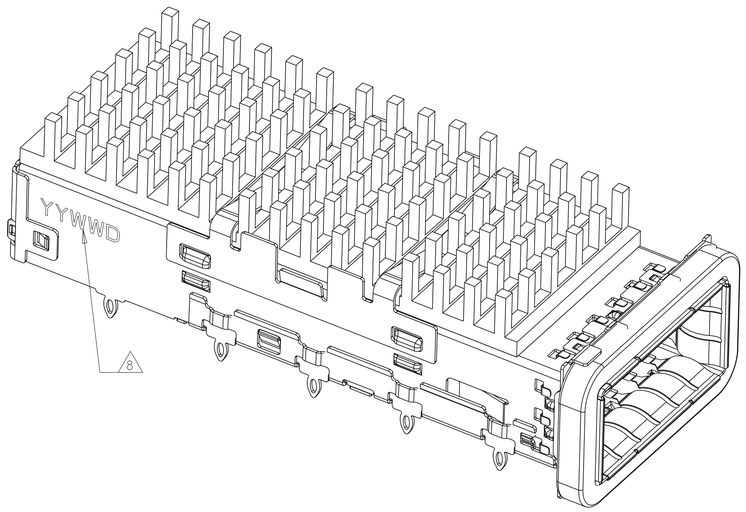
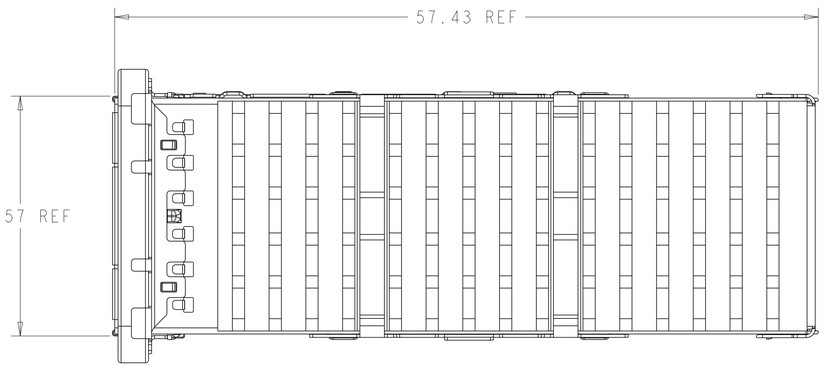
LOC	DIST
-	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	30DEC2015	JY	SH
	A1	REVISED PER ECN-22-163746	11JUL2022	IT	SZ





1. MATERIAL:
   CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
   SPRING MATERIAL: COPPER ALLOY
   HEAT SINK MATERIAL: ALUMINUM
   CLIP MATERIAL: STAINLESS STEEL
   EMI GASKET: PLATED FILLED SILICONE

2. FINISH:
   SPRING: NICKEL PLATING
   HEAT SINK: BLACK ANODIZE

△3 DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE TO TOP OF HEAT SINK.

△4 REFERENCE APPLICATION SPEC 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

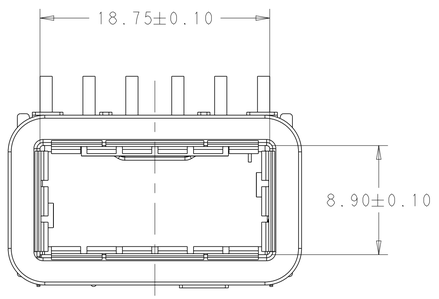
△5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

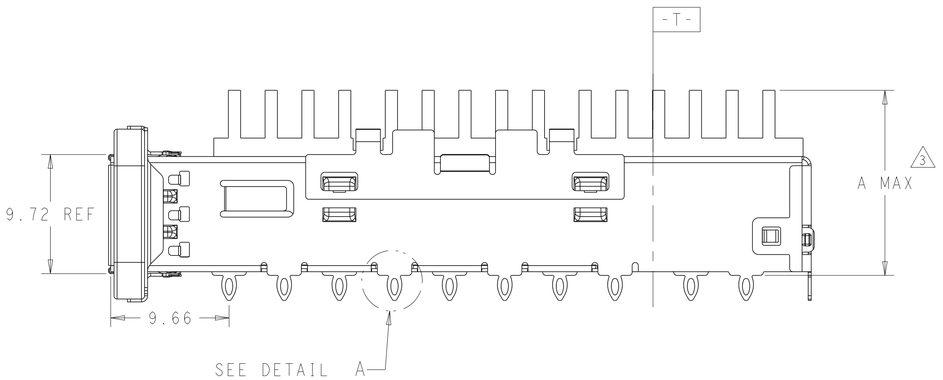
6. MINIMUM PC BOARD THICKNESS :
   SINGLES SIDED: 1.57 MIN
   DOUBLE SIDED: 3.00 MIN

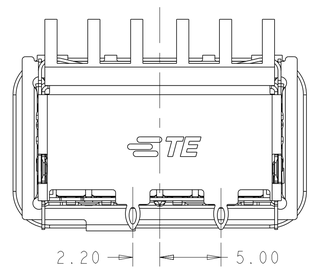
△7 DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

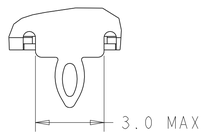
△8 DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN

9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

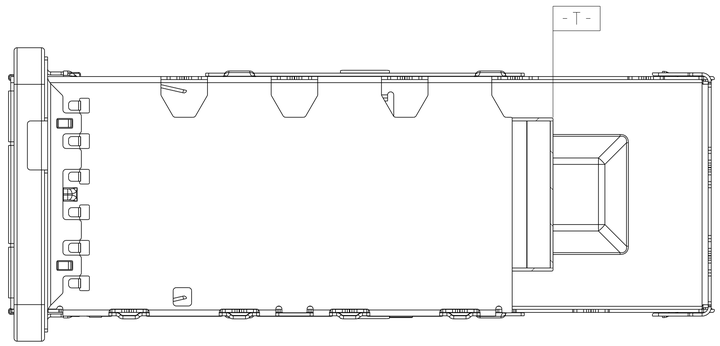








DETAIL A
SCALE 8:1



DIM A	# REAR PINS	APPLICATION	PART NUMBER
23.0	1	NETWORKING	2170753-9
16.0	1	SAN	2170753-8
13.7	1	PCI	2170753-7
23.0	0	NETWORKING	2170753-6
16.0	0	SAN	2170753-5
13.7	0	PCI	2170753-4
23.0	2	NETWORKING	2170753-3
16.0	2	SAN	2170753-2
13.7	2	PCI	2170753-1

2170753-2 AS SHOWN

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 ±0.100
4 PLC ±.
ANGLES ±.

MATERIAL - -
FINISH - -

DWN JASON YANG 01APR2014
CHK SEAN HAN 30DEC2015
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170753	-

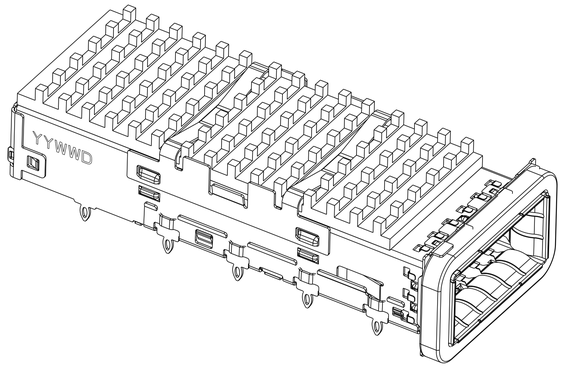
CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 5 | REV A1

LOC	DIST

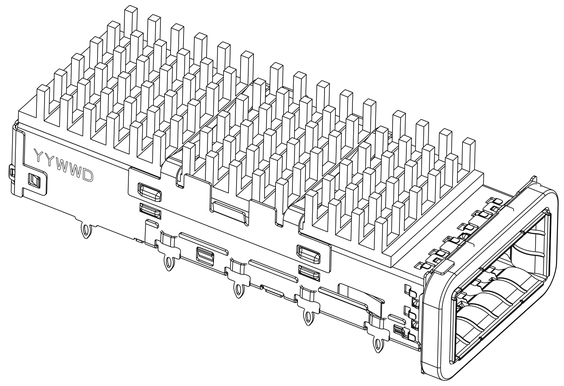
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	rev_sym_1	REV_SHEET11	rev.datecode	rev_dwn_1	rev_appr_1
	rev_sym_2	rev_desc_2	rev.datecode	rev_dwn_2	rev_appr_2
	rev_sym_3	rev_desc_3	rev.datecode	rev_dwn_3	rev_appr_3
	rev_sym_4	rev_desc_4	rev.datecode	rev_dwn_4	rev_appr_4

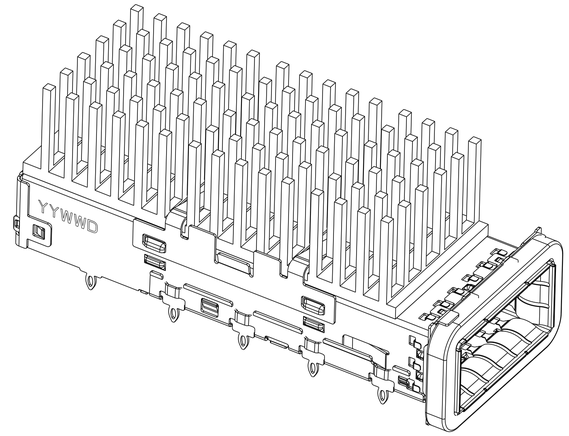
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 3:1

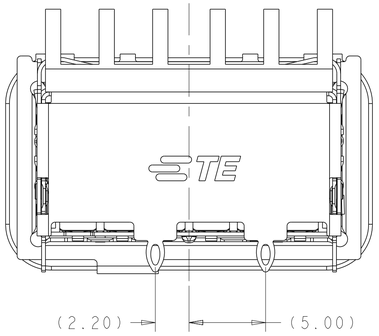


SAN HEAT SINK
SCALE 3:1

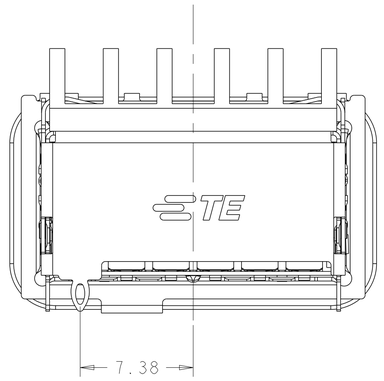


NETWORKING HEAT SINK
SCALE 3:1

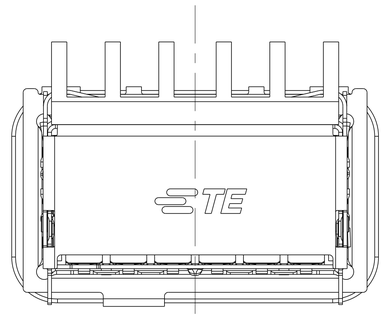
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 5:1



1 REAR LEG
SCALE 5:1



0 REAR LEG
SCALE 5:1

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 ±0.100
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN JASON YANG 01APR2014
CHK SEAN HAN 30DEC2015
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK

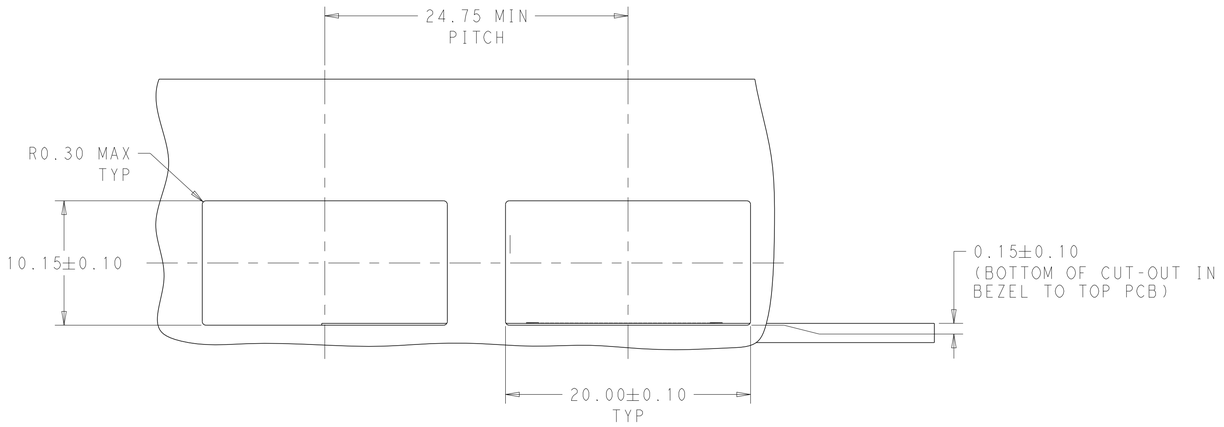
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170753	-

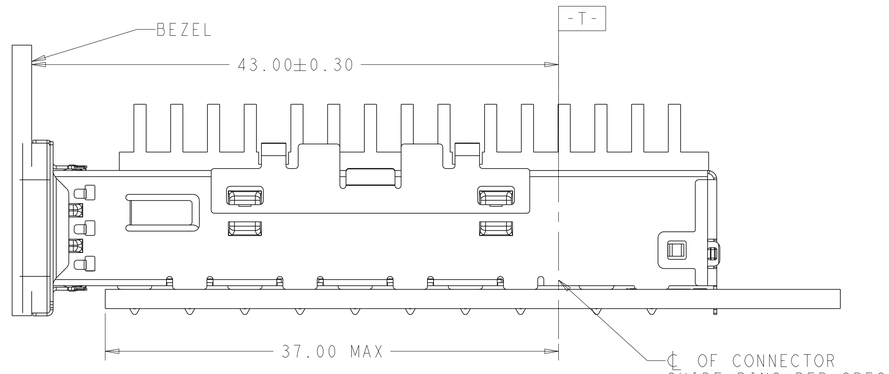
Customer Drawing | SCALE 4:1 | SHEET 2 OF 5 | REV A1

LOC	DIST

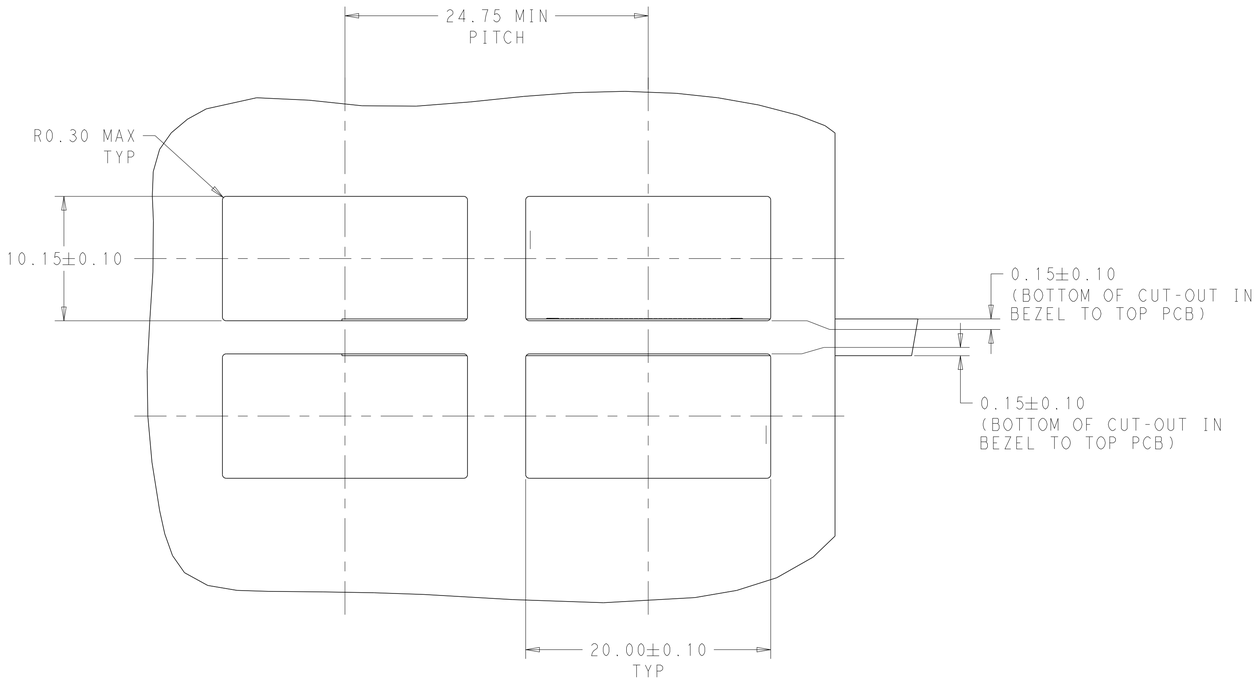
REVISIONS

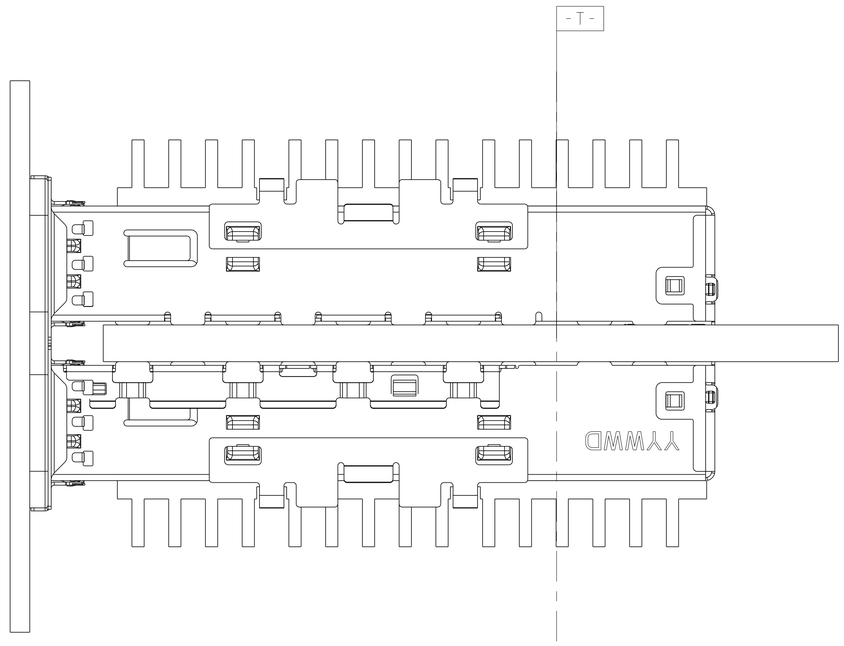
P	LTR	DESCRIPTION	DATE	DWN	APVD
	rev_sym_1	rev_desc_1	rev_datecode_1	rev_dwn_1	rev_appr_1
	rev_sym_2	rev_desc_2	rev_datecode_2	rev_dwn_2	rev_appr_2
	rev_sym_3	rev_desc_3	rev_datecode_3	rev_dwn_3	rev_appr_3
	rev_sym_4	rev_desc_4	rev_datecode_4	rev_dwn_4	rev_appr_4





SINGLE SIDE MOUNTING
SCALE 4:1





BELLY TO BELLY MOUNTING
SCALE 4:1

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	±0.100
4 PLC	±
ANGLES	±

MATERIAL: -
FINISH: -

DWN JASON YANG 01APR2014
CHK SEAN HAN 30DEC2015
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK

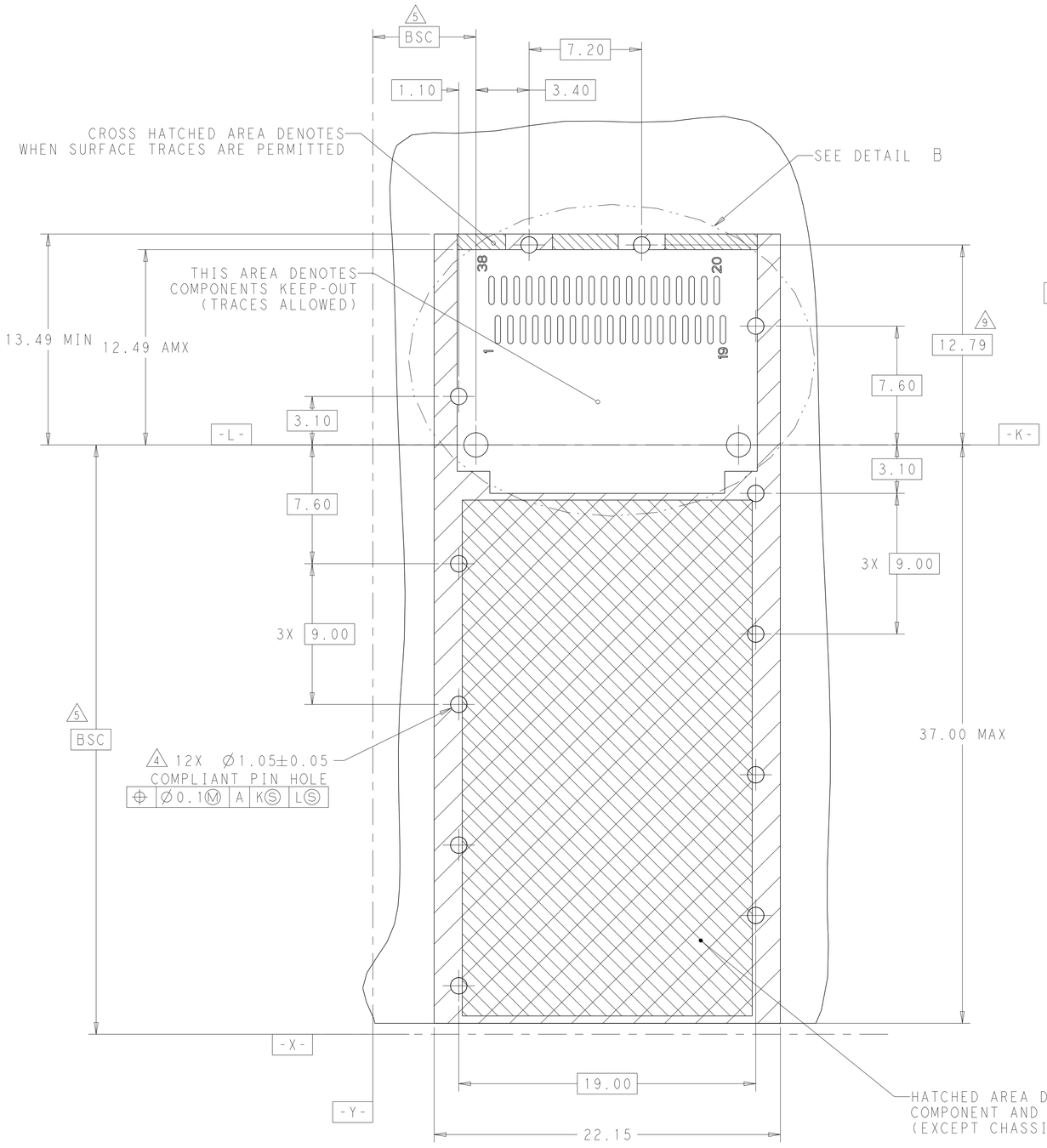
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170753	-

Customer Drawing | SCALE 4:1 | SHEET 3 OF 5 | REV A1

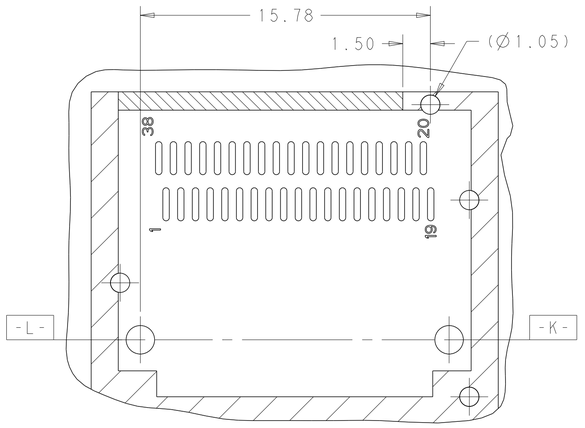
LOC	DIST

REVISIONS

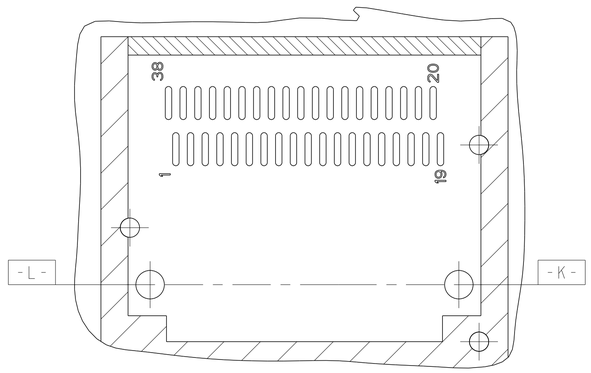
P	LTR	DESCRIPTION	DATE	DWN	APVD
	rev_sym_1	rev_desc_1	rev_datecode	rev_dwn_1	rev_appr_1
	rev_sym_2	rev_desc_2	rev_datecode	rev_dwn_2	rev_appr_2
	rev_sym_3	rev_desc_3	rev_datecode	rev_dwn_3	rev_appr_3
	rev_sym_4	rev_desc_4	rev_datecode	rev_dwn_4	rev_appr_4



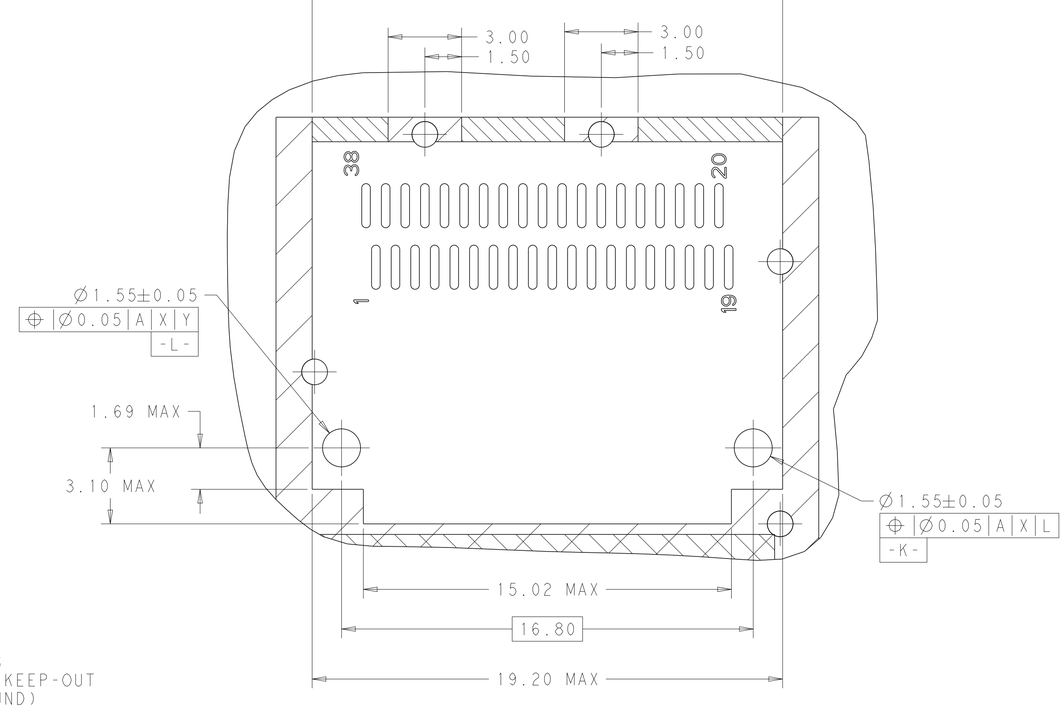
RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



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



RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 0 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



DETAIL B
SCALE 8:1

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 ±0.100
4 PLC ±'
ANGLES ±'

MATERIAL -
FINISH -

DWN JASON YANG 01APR2014
CHK SEAN HAN 30DEC2015
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK

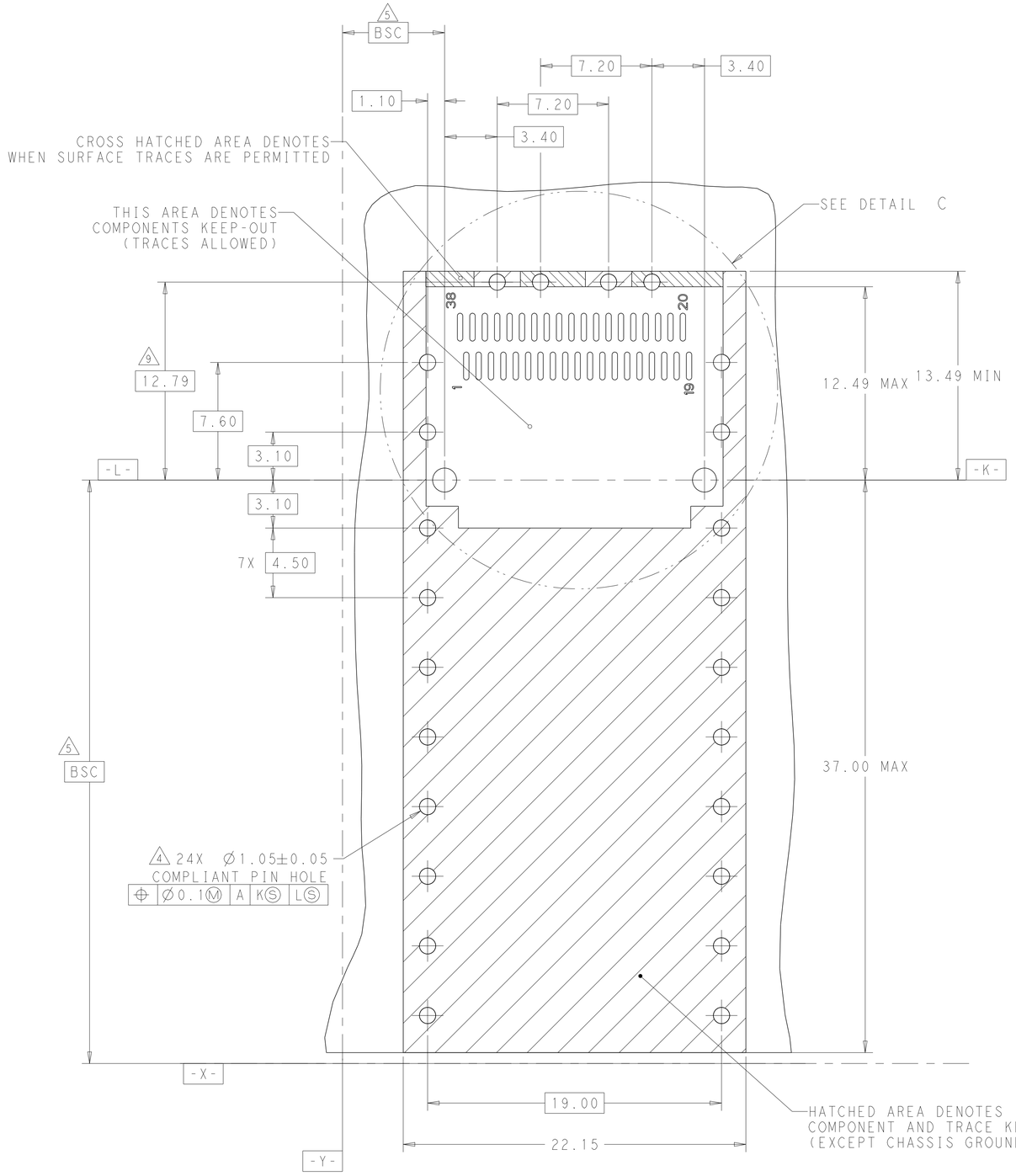
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2170753 | RESTRICTED TO -

Customer Drawing | SCALE 4:1 | SHEET 4 OF 5 | REV A1

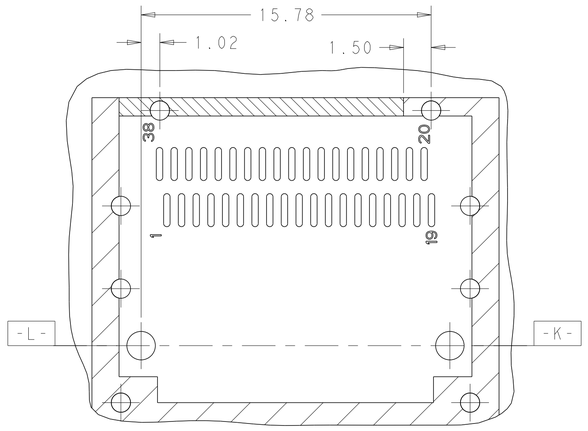
LOC	DIST

REVISIONS

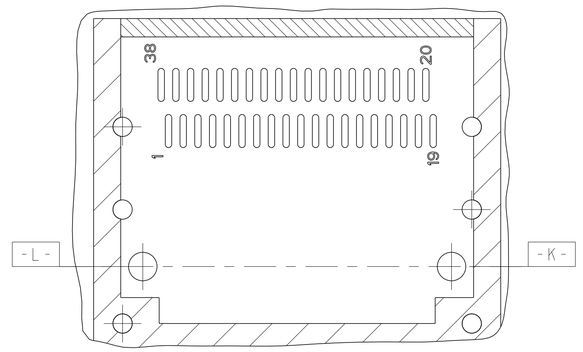
P	LTR	DESCRIPTION	DATE	DWN	APVD
	rev_sym_1	REV_SHEET11	rev_datec	rev_dwn_1	appr_1
	rev_sym_2	rev_desc_2	rev_datec	rev_dwn_2	appr_2
	rev_sym_3	rev_desc_3	rev_datec	rev_dwn_3	appr_3
	rev_sym_4	rev_desc_4	rev_datec	rev_dwn_4	appr_4



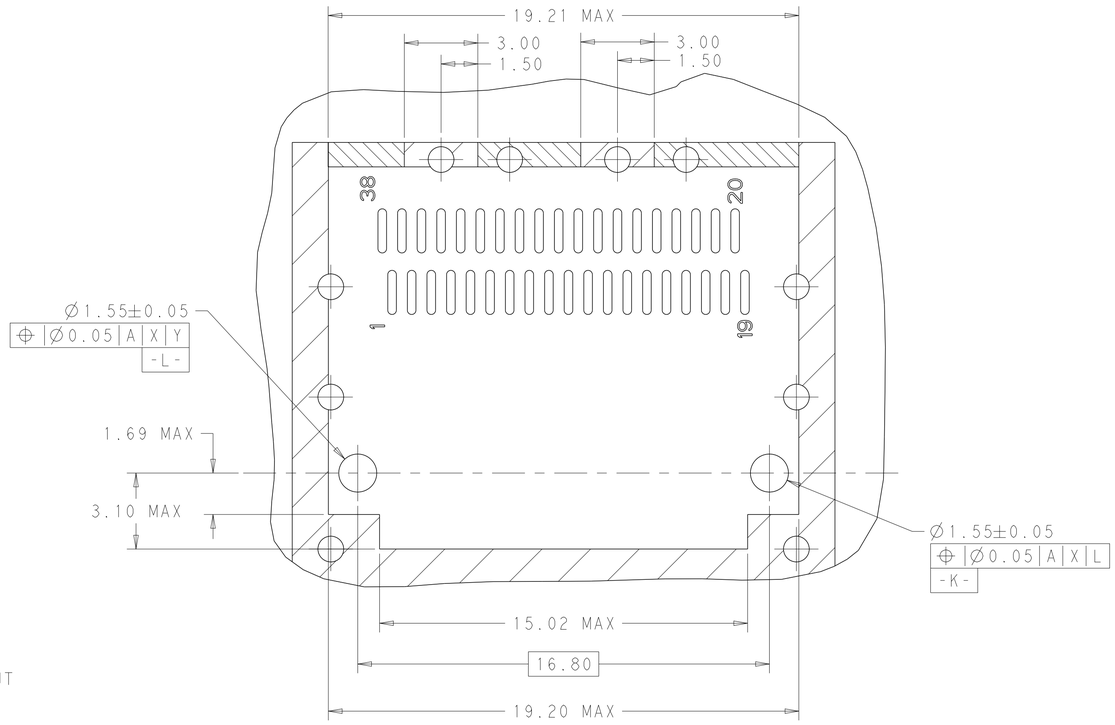
RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



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



RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 0 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



DETAIL C
SCALE 8:1

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 ±0.100
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN JASON YANG 01APR2014
CHK SEAN HAN 30DEC2015
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170753	-

Customer Drawing | SCALE 4:1 | SHEET 5 OF 5 | REV A1