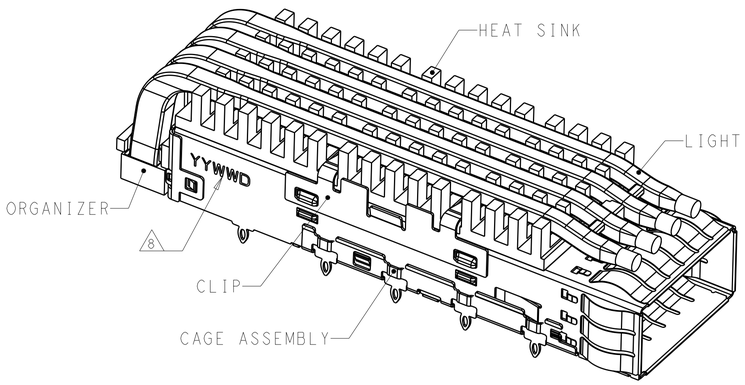
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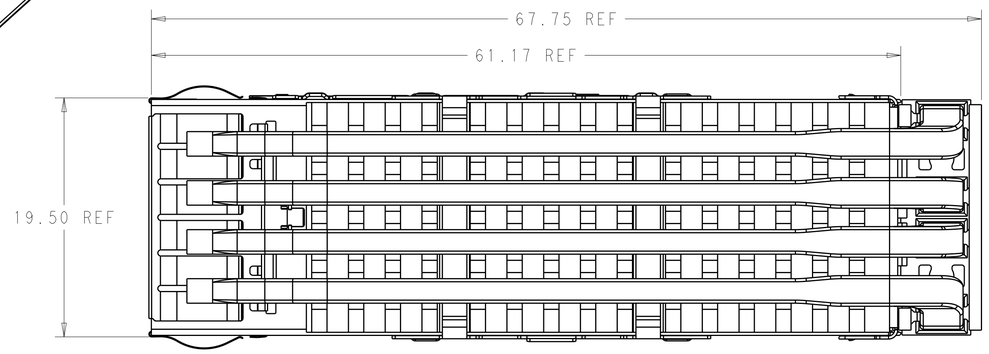
LOC	DIST
-	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	01NOV2016	JY	SH



4-2170705-2 SHOWN
SCALE 3:1



1. MATERIAL: CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
SPRING MATERIAL: COPPER ALLOY
HEAT SINK MATERIAL: ALUMINUM
CLIP MATERIAL: STAINLESS STEEL
LIGHT PIPE MATERIAL: POLYCARBONATE
ORGANIZER MATERIAL: POLYESTER

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: 2.20 MIN

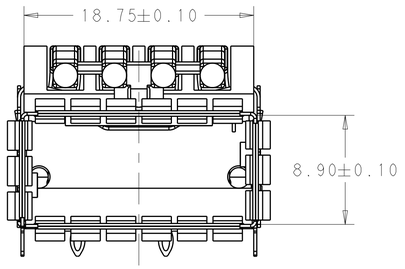
7 DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

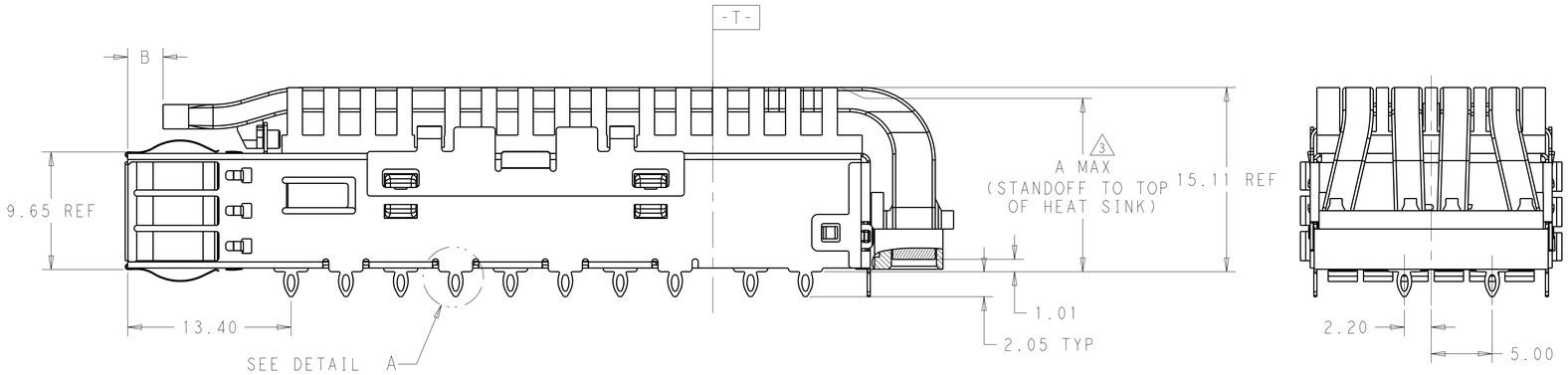
8 DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN

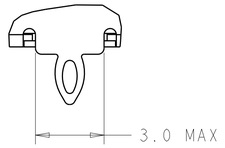
9 THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.

10. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

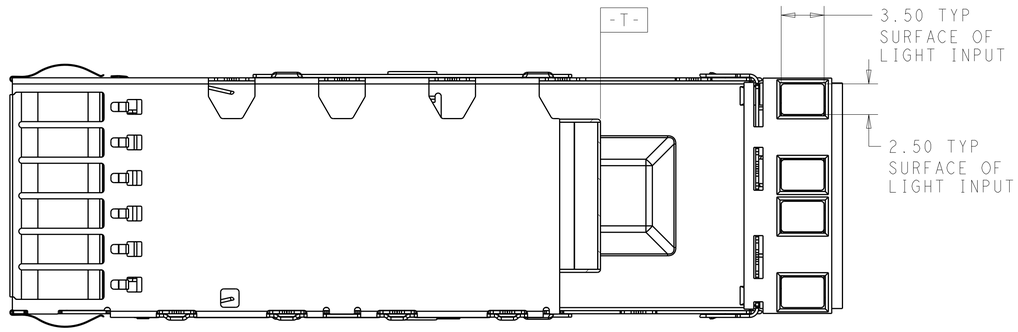
11 PRELIMINARY PART - NOT RELEASE TO PRODUCTION.







DETAIL A
SCALE 8:1



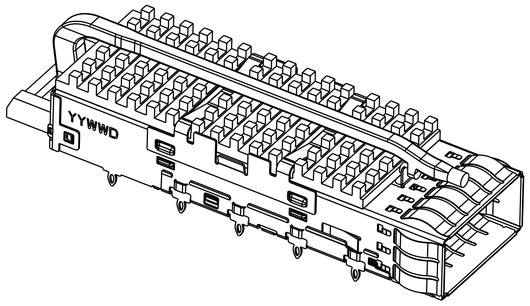
4-2170705-2 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN JASON YANG 07MAR2014	TE Connectivity	
DIMENSIONS: mm	CHK SCAN HAN 26JAN2016	NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25, 1 PLC ±0.25, 2 PLC ±0.20, 3 PLC ±0.100, 4 PLC ±, ANGLES ±	APVD 07MAR2014	SIZE A1	CAGE CODE 00779
	PRODUCT SPEC 108-19428	DRAWING NO C-2170705	RESTRICTED TO -
	APPLICATION SPEC 114-32023		
MATERIAL - -	WEIGHT -	SCALE 2:1	SHEET 1 OF 7 REV A
FINISH - -	CUSTOMER DRAWING		

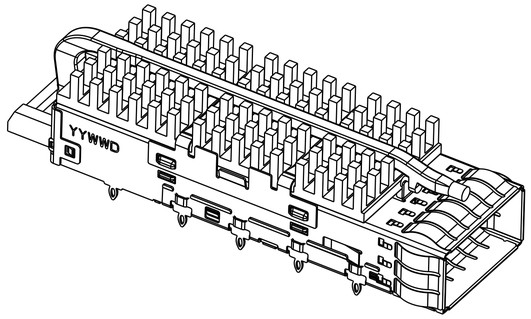
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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
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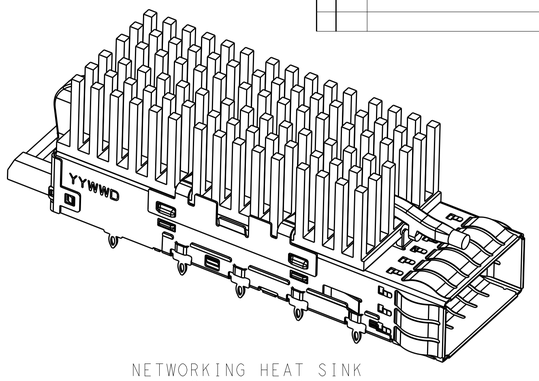
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 5:2

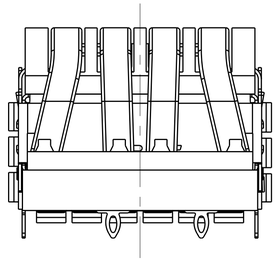


SAN HEAT SINK
SCALE 5:2

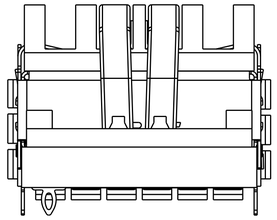


NETWORKING HEAT SINK
SCALE 5:2

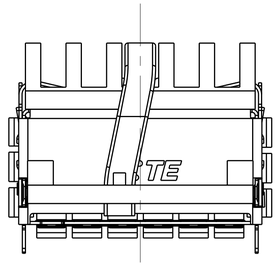
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 4:1

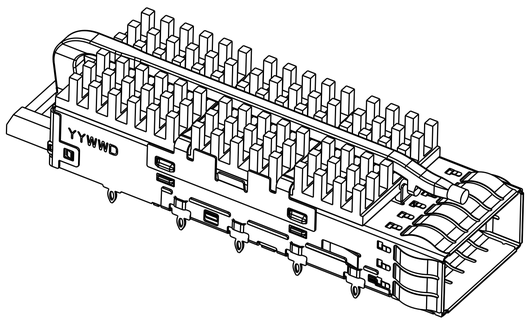


1 REAR LEG
SCALE 4:1

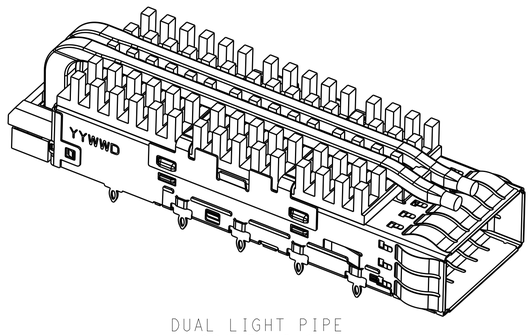


0 REAR LEG
SCALE 4:1

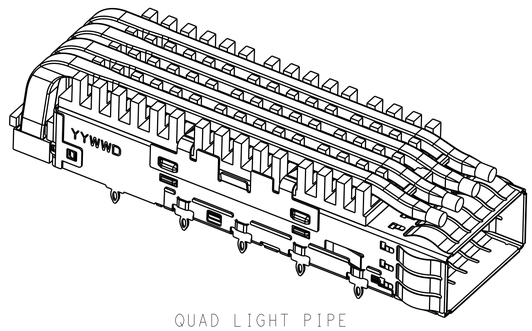
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
WITHOUT ORGANIZER
SCALE 5:2



DUAL LIGHT PIPE
SCALE 5:2



QUAD LIGHT PIPE
SCALE 5:2

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 07MAR2014
CHK SEAN HAN 26JAN2016
APVD 07MAR2014
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE

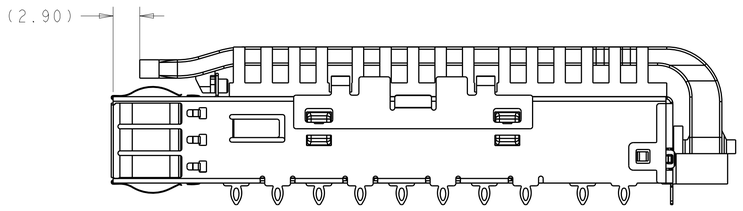
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170705	-

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

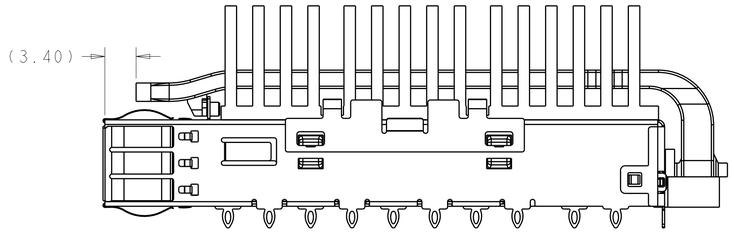
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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

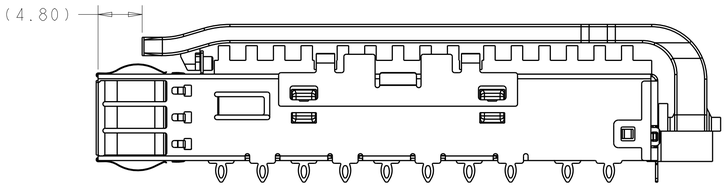
LIGHT PIPE LENGTH OPTIONS



WITH LIGHT PIPE LENGHT B=2.9
SCALE 3:1



WITH LIGHT PIPE LENGHT B=3.4
SCALE 3:1



WITH LIGHT PIPE LENGHT B=4.8
SCALE 3:1

BOM

DIM B	# REAR PINS	DIM A	APPLICATION (HEAT SINK OPTION)	LIGHT PIPE OPTION	PART NUMBER
4.8	2	13.7	PCI	QUAD LP	6-2170705-1
3.4	1	23.0	NETWORKING	QUAD LP	5-2170705-9
2.9	1	16.0	SAN	COATED QUAD LP	5-2170705-8
	1	13.7	PCI	COATED QUAD LP	5-2170705-7
	0	31.6	CUSTOMIZED	QUAD LP	5-2170705-1
	1	23.0	NETWORKING	QUAD LP	4-2170705-9
	1	16.0	SAN	QUAD LP	4-2170705-8
	1	13.7	PCI	QUAD LP	4-2170705-7
	0	23.0	NETWORKING	QUAD LP	4-2170705-6
	0	16.0	SAN	QUAD LP	4-2170705-5
	0	13.7	PCI	QUAD LP	4-2170705-4
	2	23.0	NETWORKING	QUAD LP	4-2170705-3
	2	16.0	SAN	QUAD LP	4-2170705-2
	2	13.7	PCI	QUAD LP	4-2170705-1
	1	23.0	NETWORKING	DUAL LP	2-2170705-9
	1	16.0	SAN	DUAL LP	2-2170705-8
	1	13.7	PCI	DUAL LP	2-2170705-7
	0	23.0	NETWORKING	DUAL LP	2-2170705-6
	0	16.0	SAN	DUAL LP	2-2170705-5
	0	13.7	PCI	DUAL LP	2-2170705-4
	2	23.0	NETWORKING	DUAL LP	2-2170705-3
	2	16.0	SAN	DUAL LP	2-2170705-2
	2	13.7	PCI	DUAL LP	2-2170705-1
	1	23.0	NETWORKING	SINGLE LP	2170705-9
	1	16.0	SAN	SINGLE LP	2170705-8
	1	13.7	PCI	SINGLE LP	2170705-7
	0	23.0	NETWORKING	SINGLE LP	2170705-6
	0	16.0	SAN	SINGLE LP	2170705-5
	0	13.7	PCI	SINGLE LP	2170705-4
	2	23.0	NETWORKING	SINGLE LP	2170705-3
	2	16.0	SAN	SINGLE LP	2170705-2
	2	13.7	PCI	SINGLE LP	2170705-1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.100
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN JASON YANG 07MAR2014
CHK SEAN HAN 26JAN2016
APVD 07MAR2014
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2170705 | RESTRICTED TO -

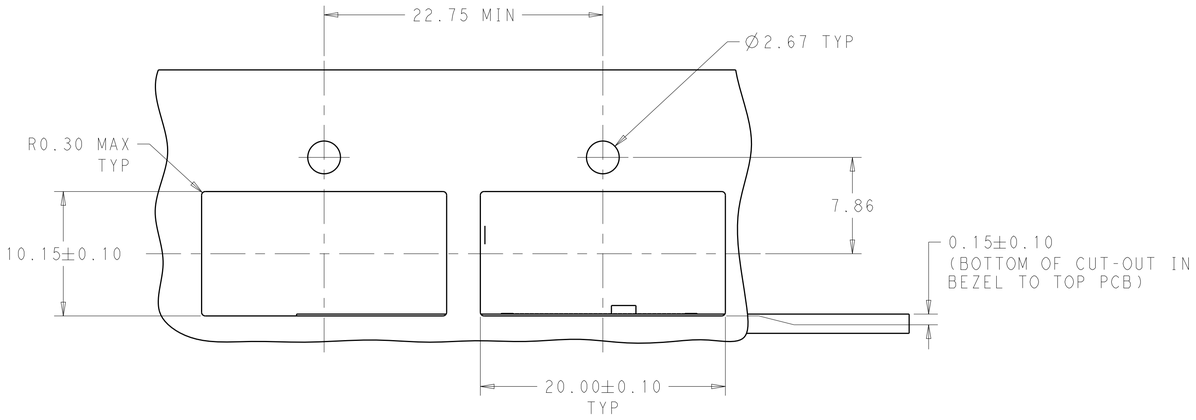
CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 7 | REV A

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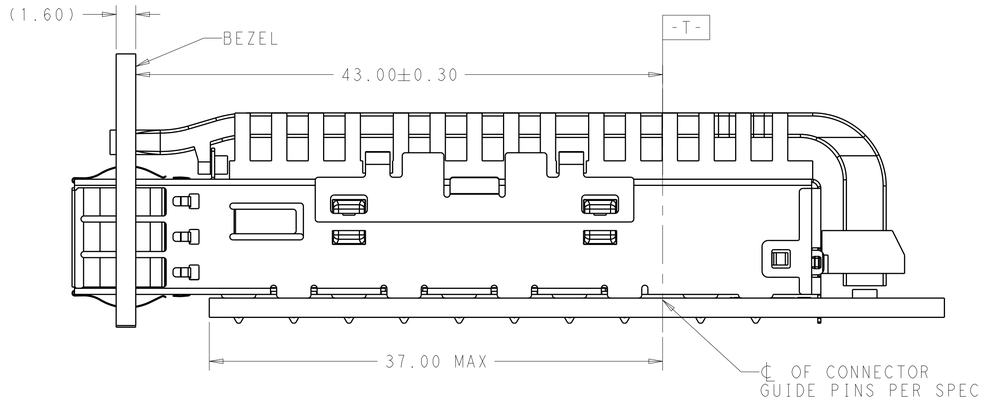
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REVISIONS

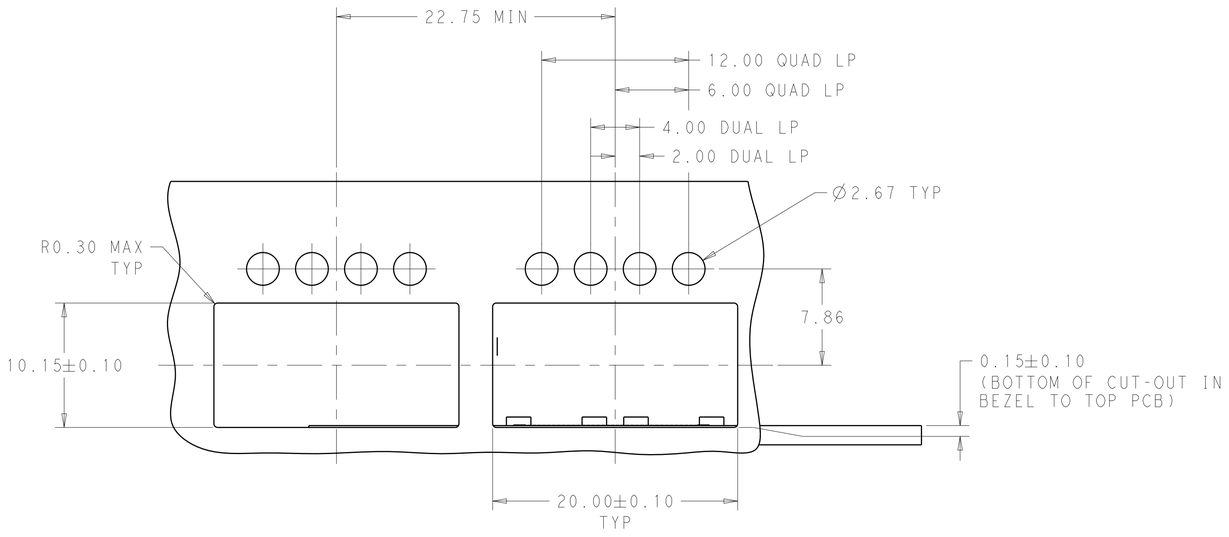
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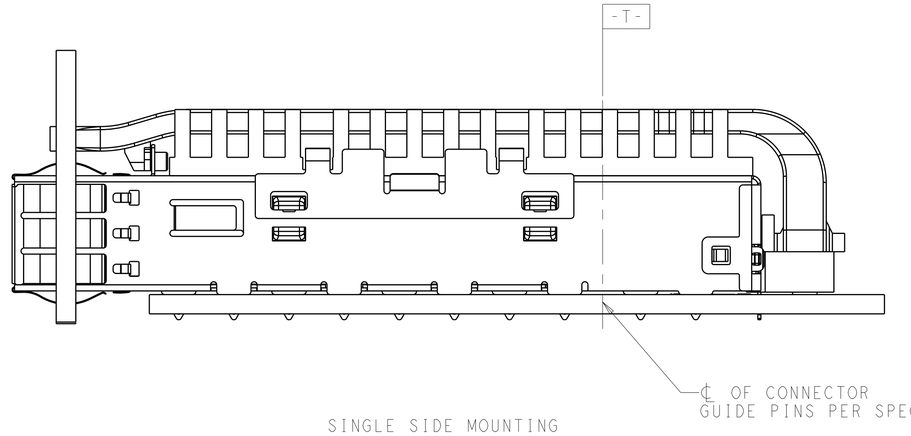
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1



DUAL/QUAD LIGHT PIPE TYPE



SINGLE SIDE 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	±0.100
4 PLC	
ANGLES	±

MATERIAL: -

FINISH: -

DWN: JASON YANG 07MAR2014
CHK: SEAN HAN 26JAN2016
APVD: 07MAR2014

PRODUCT SPEC: 108-19428
APPLICATION SPEC: 114-32023
WEIGHT: -

TE Connectivity

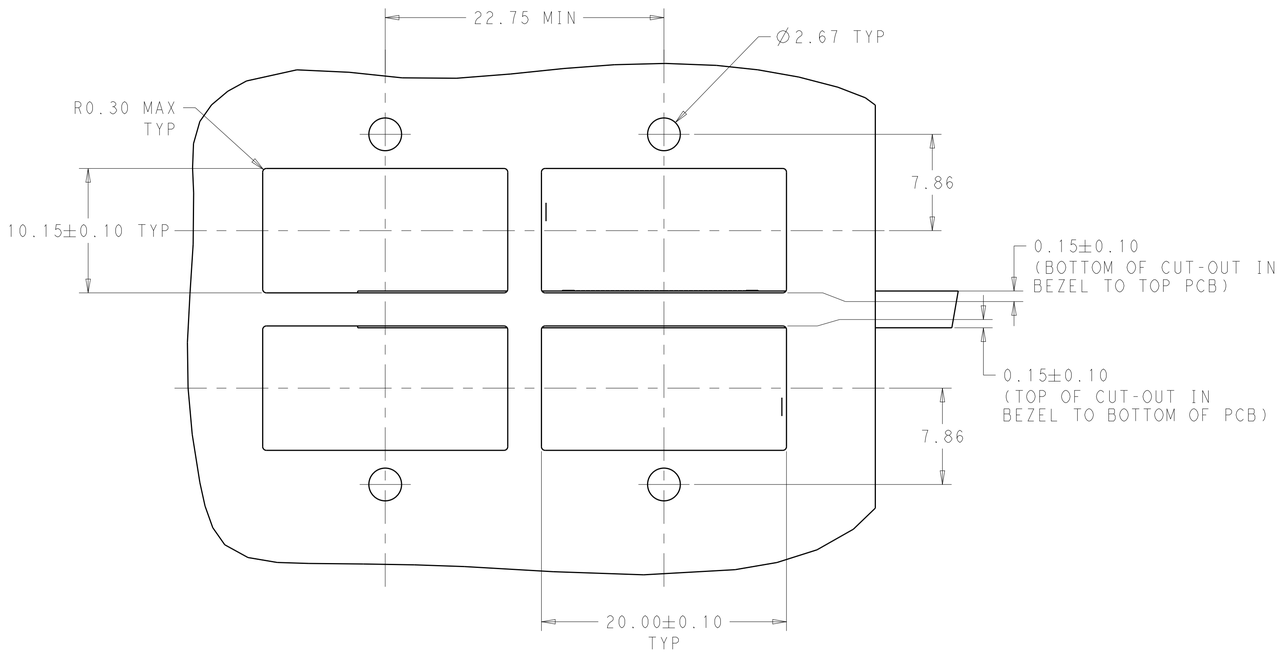
NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170705	-

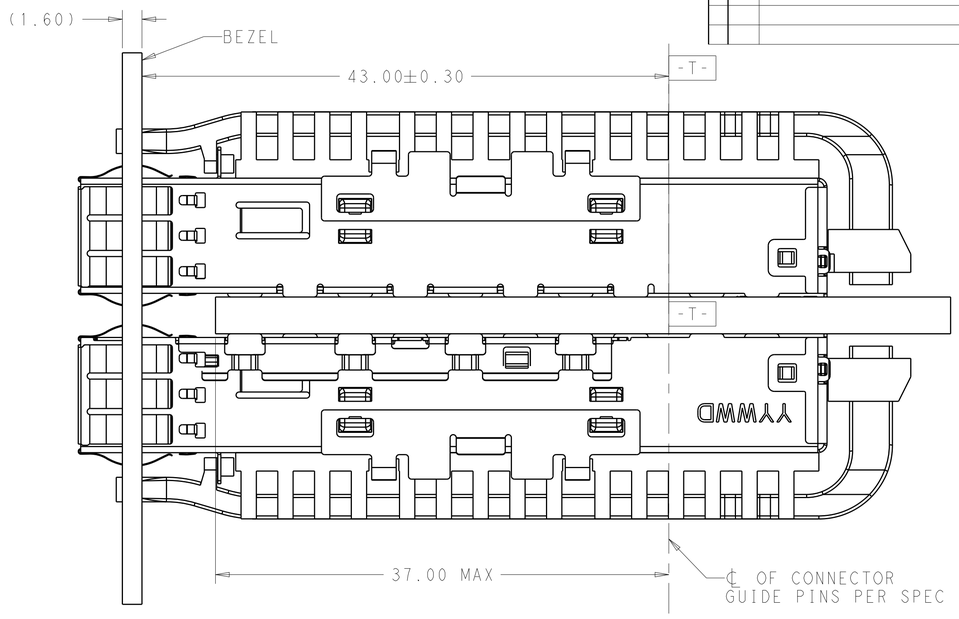
CUSTOMER DRAWING | SCALE 2:1 | SHEET 4 OF 7 | REV A

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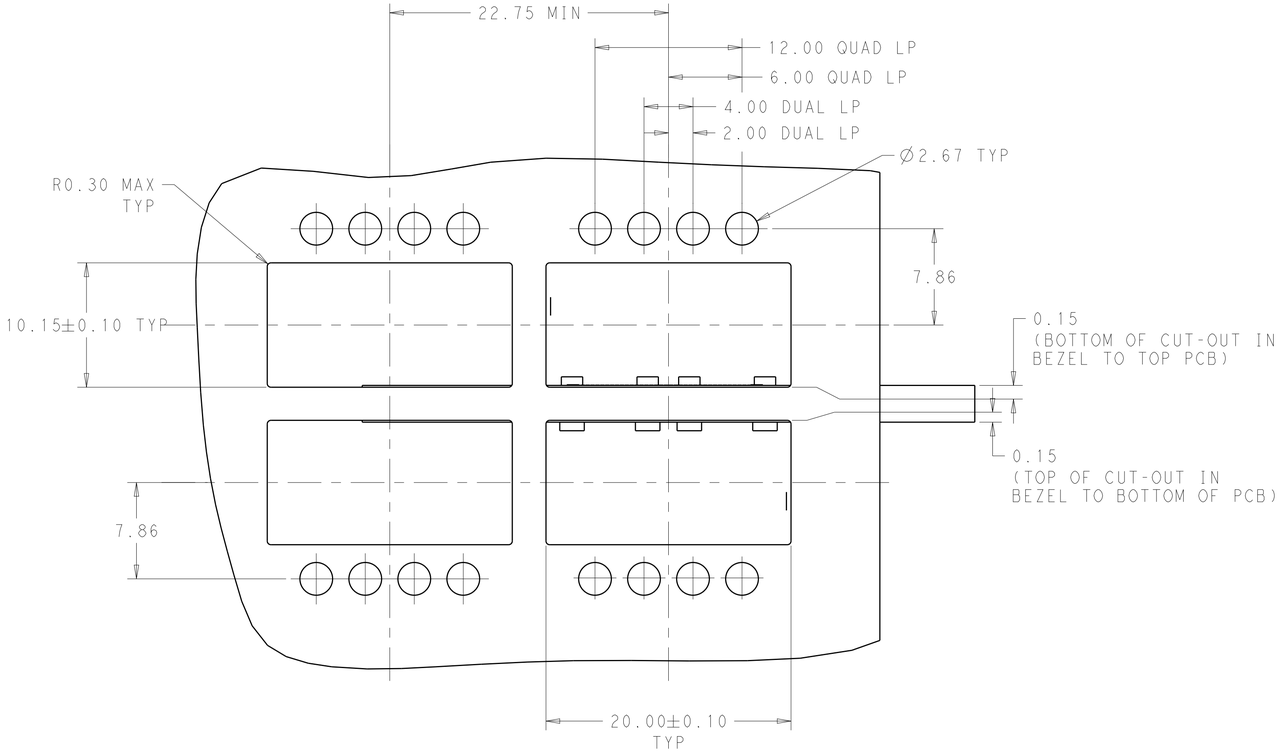
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P	LTR	DESCRIPTION	DATE	DWN	APVD
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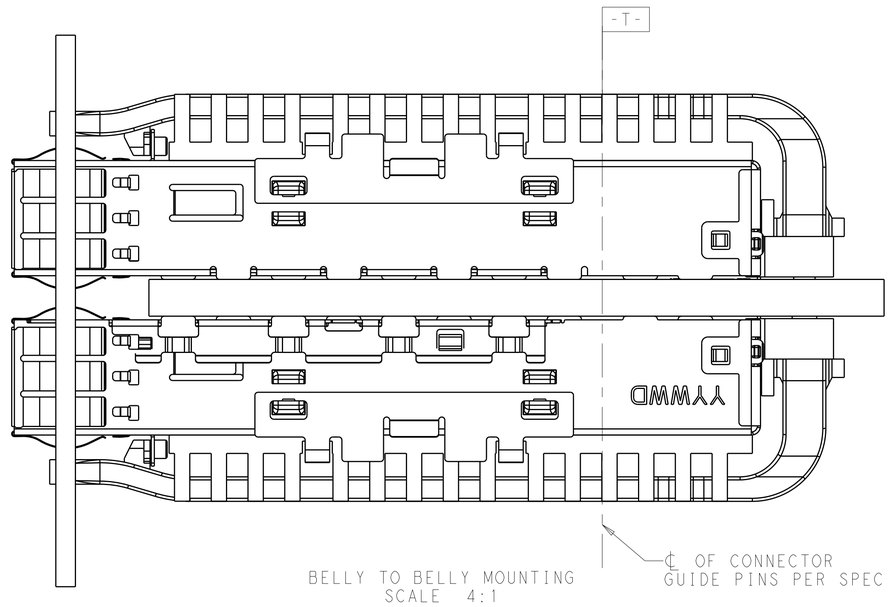
SINGLE LIGHT PIPE TYPE



BELLY TO BELLY MOUNTING
SCALE 4:1



DUAL/QUAD LIGHT PIPE TYPE



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	±0.100
4 PLC	±-
ANGLES	±-

MATERIAL: -
FINISH: -

DWN	JASON YANG 07MAR2014
CHK	SEAN HAN 26JAN2016
APVD	07MAR2014
PRODUCT SPEC	108-19428
APPLICATION SPEC	114-32023
WEIGHT	-

TE Connectivity

NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE

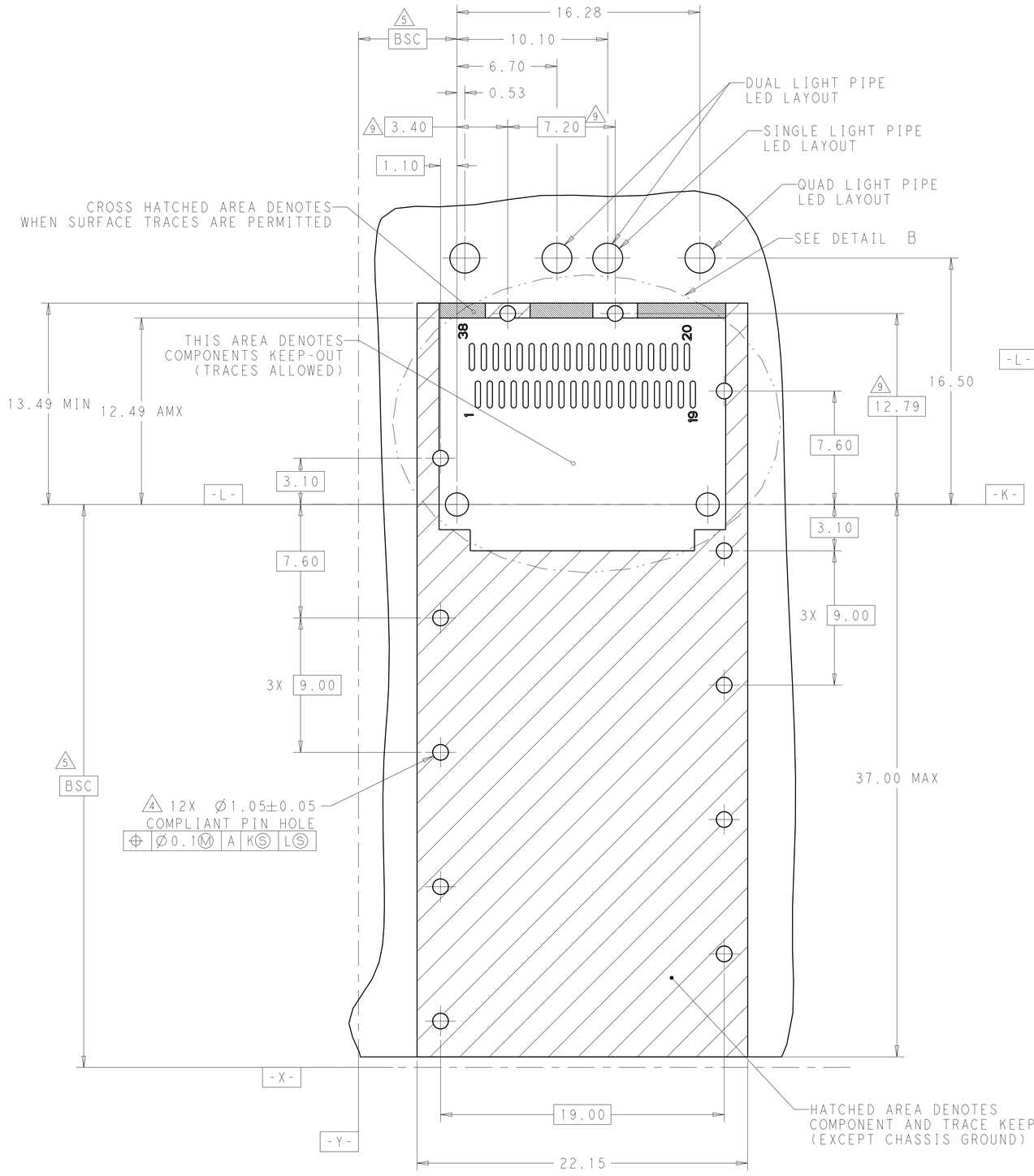
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CUSTOMER DRAWING | SCALE 2:1 | SHEET 5 OF 7 | REV A

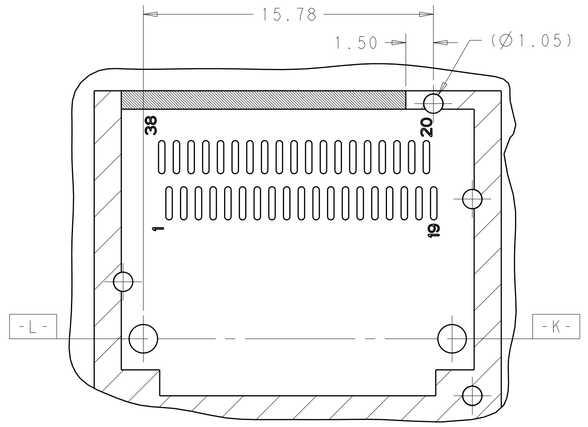
4805 (3/11)

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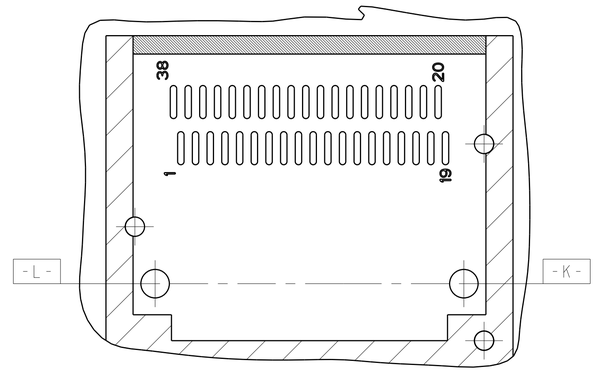
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			-	SEE SHEET 1	-	-	-



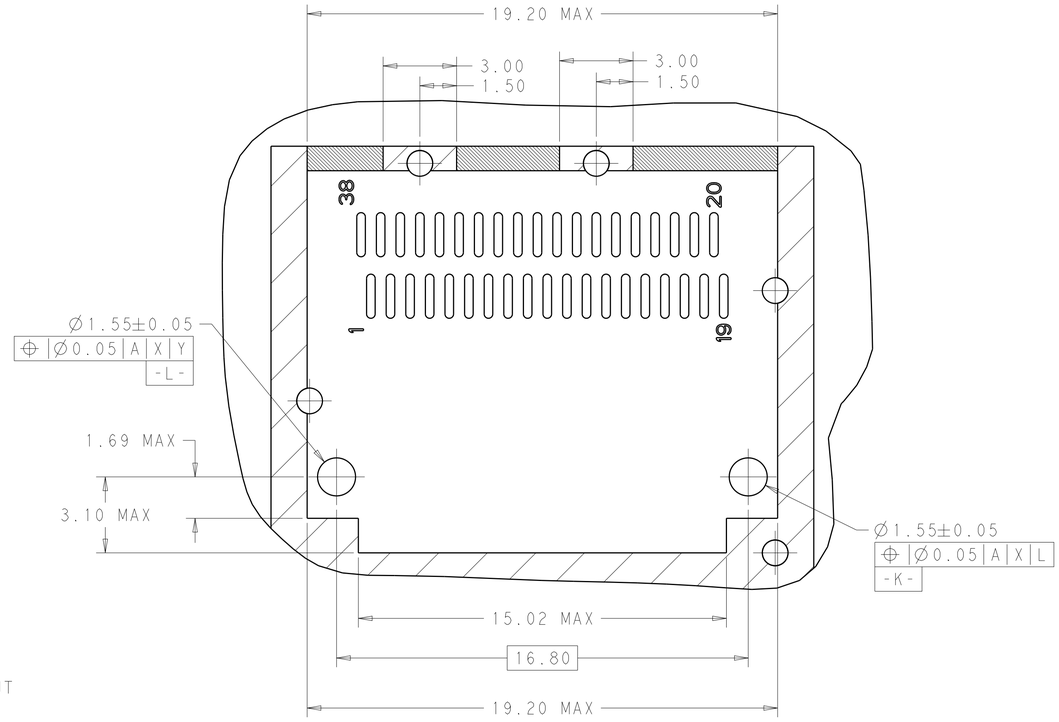
RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



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 07MAR2014
CHK SEAN HAN 26JAN2016
APVD 07MAR2014
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE

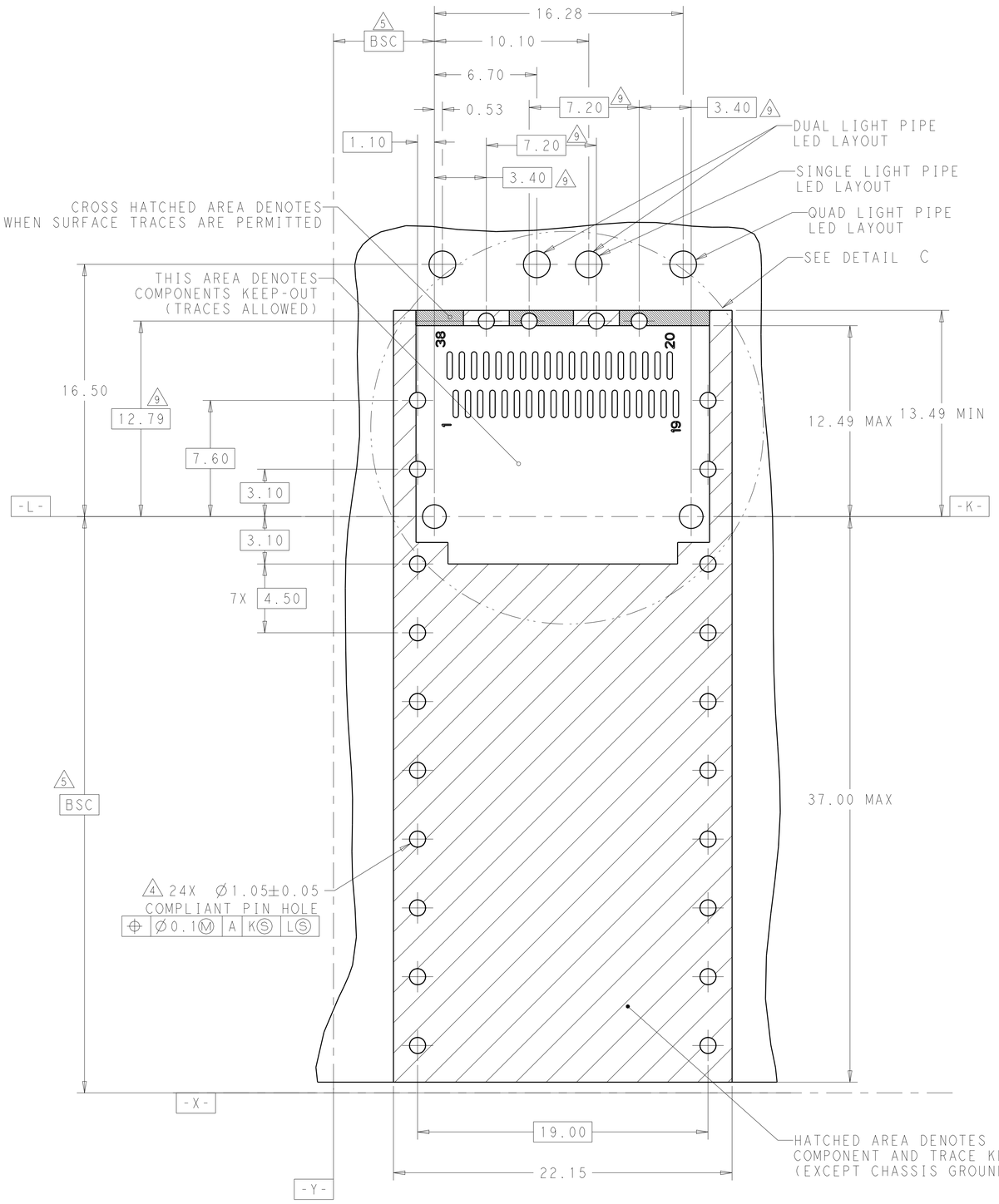
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2170705 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 2:1 | SHEET 6 OF 7 | REV A

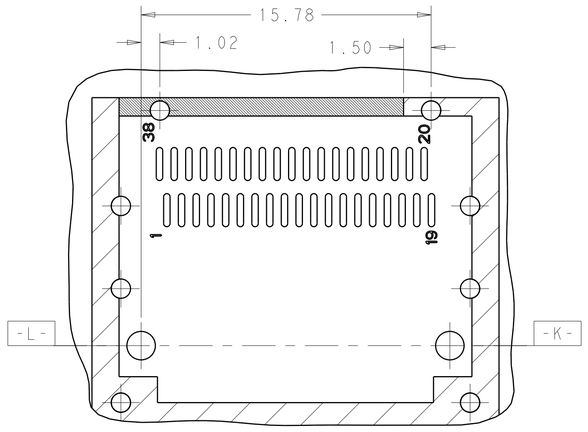
4805 (3/11)

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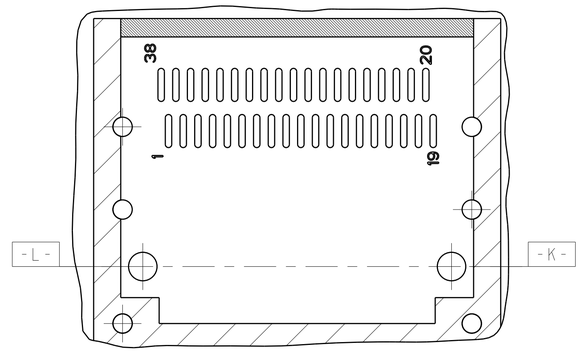
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



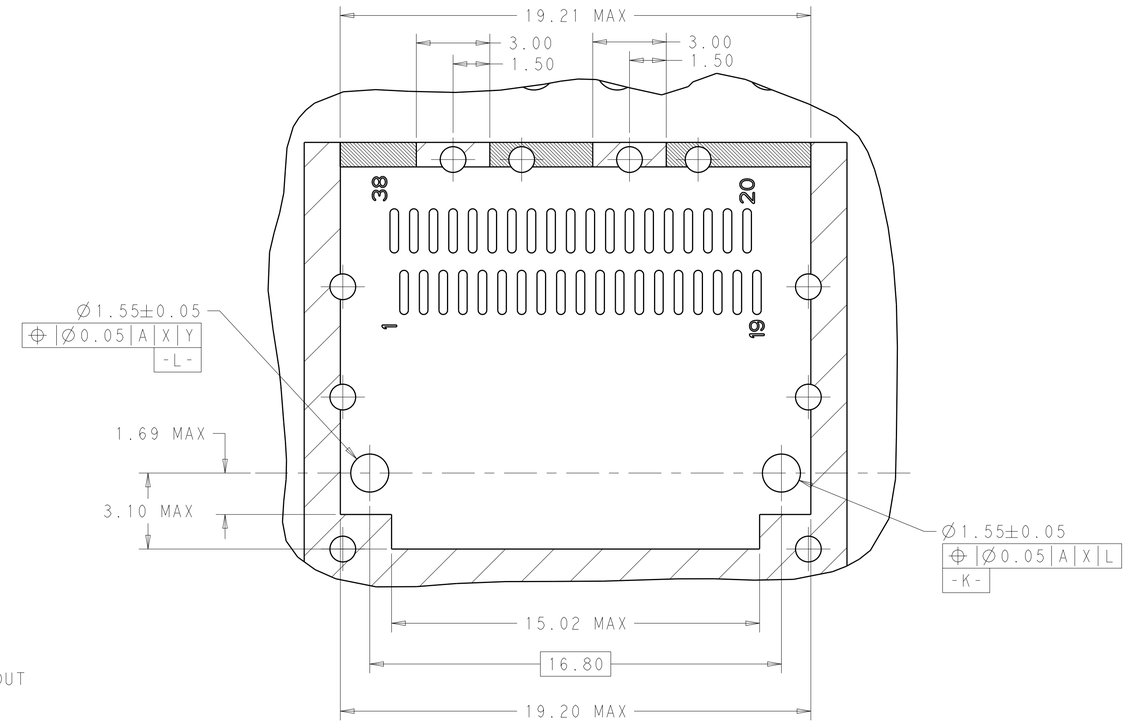
RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



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.		DWN JASON YANG 07MAR2014	TE Connectivity
		CHK SEAN HAN 26JAN2016	
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 ±	APVD 07MAR2014	NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
		PRODUCT SPEC 108-19428	
		APPLICATION SPEC 114-32023	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2170705 · RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	CUSTOMER DRAWING · SCALE 2:1 · SHEET 7 OF 7 · REV A