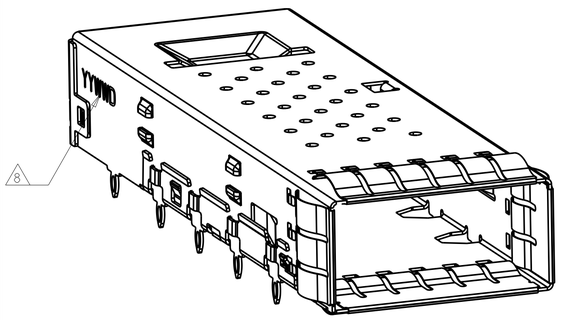
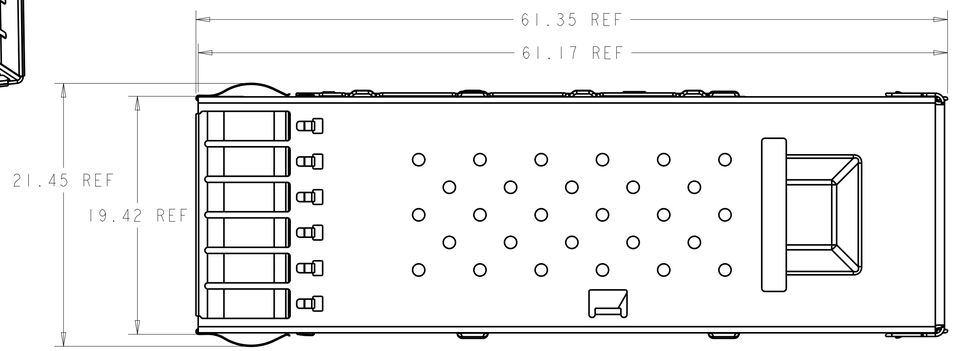
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	29JAN2016	JY	SH
	B	REVISED PER ECO-16-015248	24OCT2016	JY	SH
	C1	REVISED PER ECO-20-002129	14FEB2020	VM	SH
	D1	REVISED PER ECN-21-104118	17MAY2021	SH	SZ



SCALE 4:1



1. MATERIAL:
   CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
   SPRING MATERIAL: COPPER ALLOY
   PURE COPPER FOIL: CONDUCTIVE, ADHESIVE

2. FINISH:
   SPRING: NICKEL PLATING

3. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

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

△5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

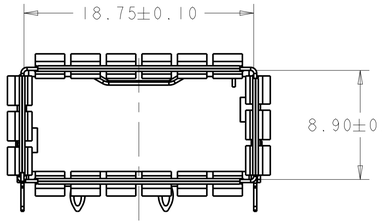
6. MINIMUM PC BOARD THICKNESS: SINGLES SIDED: 1.57 MIN
   DOUBLE SIDED: 2.20 MIN

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

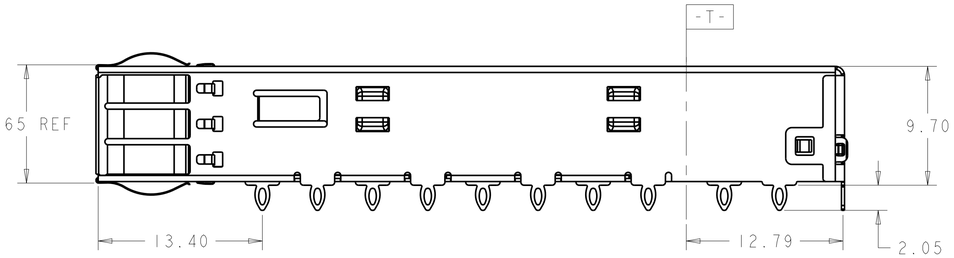
△8 DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN

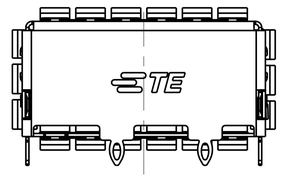
△9 CUSTOMIZED SCHLEGEL GAP PAD.OP-8800.

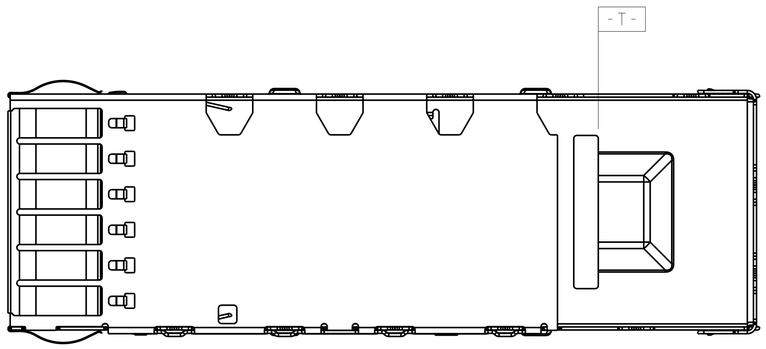
△10 CUSTOMIZED PACKING TRAY.



SCALE 4:1







△10	WITHOUT	WITHOUT	WITH	WITH	1	WITHOUT	6-2170703-4
	WITH	WITHOUT	WITH	WITHOUT	1	WITHOUT	1-2170703-4
△9	WITHOUT	WITH	WITH	WITHOUT	1	WITH LARGER	4-2170703-6
	WITHOUT	WITHOUT	WITH	WITH	0	WITH LARGER	2-2170703-9
	WITHOUT	WITHOUT	WITH	WITH	1	WITH LARGER	2-2170703-8
	WITHOUT	WITHOUT	WITH	WITHOUT	2	WITH LARGER	1-2170703-0
	WITHOUT	WITHOUT	WITH	WITH	1	WITHOUT	5-2170703-4
	WITHOUT	WITHOUT	WITH	WITH	2	WITH STANDARD	5-2170703-2
	WITHOUT	WITHOUT	WITHOUT	WITHOUT	0	WITH STANDARD	2-2170703-7
	WITHOUT	WITHOUT	WITH	WITHOUT	1	WITH LARGER	2-2170703-6
	WITHOUT	WITHOUT	WITH	WITHOUT	0	WITH STANDARD	2170703-7
	WITHOUT	WITHOUT	WITH	WITHOUT	1	WITH STANDARD	2170703-6
	WITHOUT	WITHOUT	WITH	WITHOUT	0	WITHOUT	2170703-5
	WITHOUT	WITHOUT	WITH	WITHOUT	1	WITHOUT	2170703-4
	WITHOUT	WITHOUT	WITH	WITHOUT	2	WITH STANDARD	2170703-2
	WITHOUT	WITHOUT	WITH	WITHOUT	2	WITHOUT	2170703-1
	COPPER FOIL	THERMAL PAD	SPRING FINGER	INSULATING TAPE OPTION	# REAR PINS	HEAT SINK OPEN	PART NUMBER

2170703-1 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 23SEP2013
CHK SEAN HAN 29JAN2016
APVD -

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

RESTRICTED CUSTOMER

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL WITH EMI SPRING FINGER

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C- 2170703	

SCALE 2:1 SHEET 1 OF 7 REV D1

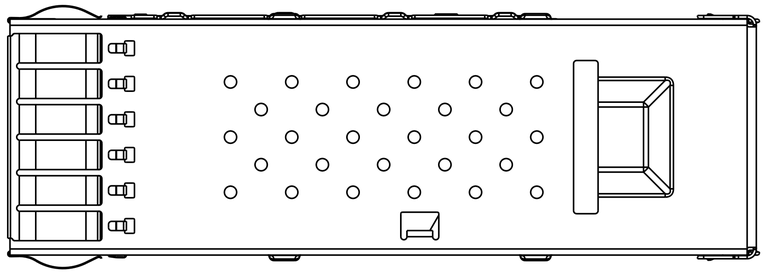
4805 (3/13)

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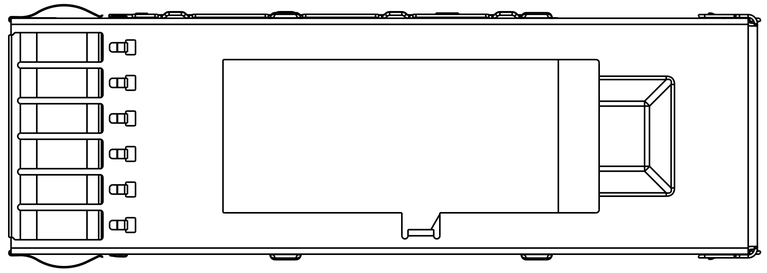
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

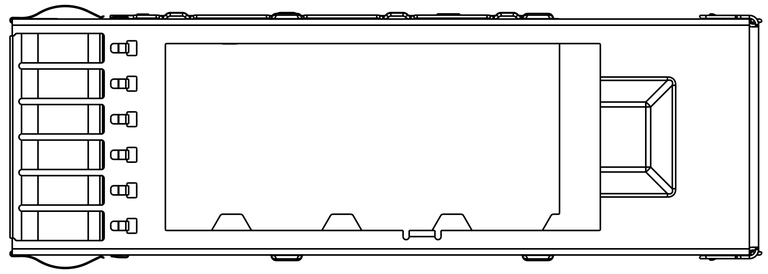
HEAT SINK OPEN OPTIONS



WITHOUT HEAT SINK OPEN
SCALE 4:1

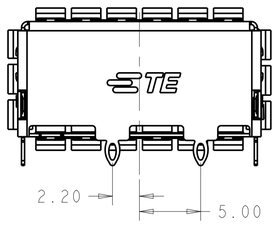


WITH STANDARD HEAT SINK OPEN (30.7X12.5)
SCALE 4:1

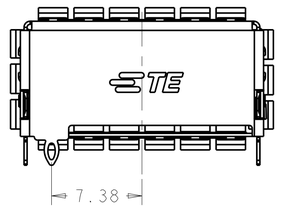


WITH LARGER HEAT SINK OPEN (35.5X15.25)
SCALE 4:1

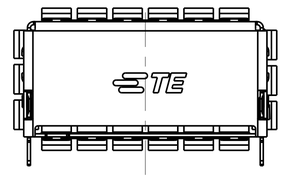
OF REAR LEGS OPTIONS



2 REAR LEGS VERSION
SCALE 4:1

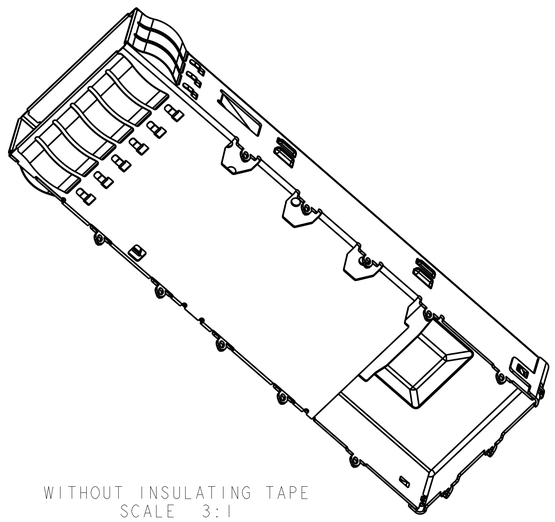


1 REAR LEG VERSION
SCALE 4:1

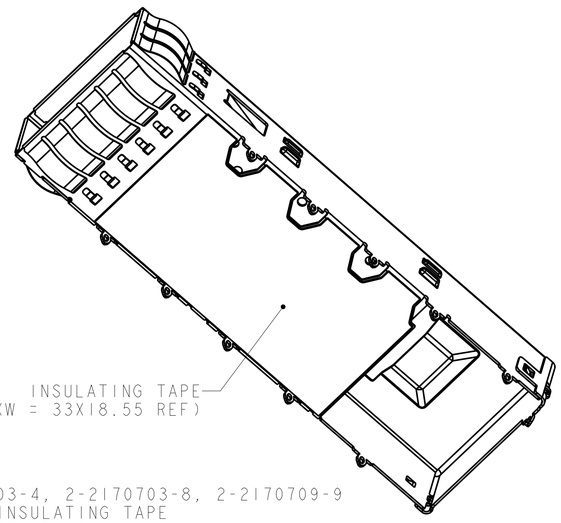


0 REAR LEG VERSION
SCALE 4:1

INSULATING TAPE OPTIONS



WITHOUT INSULATING TAPE
SCALE 3:1



5-2170703-2, 5-2170703-4, 2-2170703-8, 2-2170709-9
WITH INSULATING TAPE
SCALE 3:1

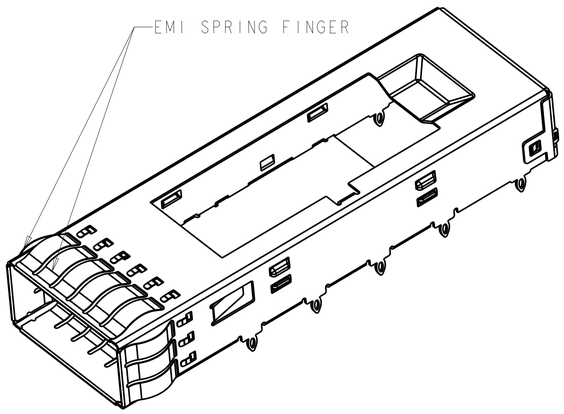
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 23SEP2013	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.25, 1 PLC ± 0.25, 2 PLC ± 0.20, 3 PLC ± 0.100, 4 PLC ± ', ANGLES ± '	CHK SEAN HAN 29JAN2016	NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL WITH EMI SPRING FINGER
		APVD -	
		PRODUCT SPEC 108-19428	
		APPLICATION SPEC 114-32023	SIZE A | CAGE CODE 00779 | DRAWING NO C- 2170703 | RESTRICTED TO
MATERIAL - -	FINISH - -	WEIGHT -	RESTRICTED CUSTOMER | SCALE 2:1 | SHEET 2 OF 7 | REV D.1

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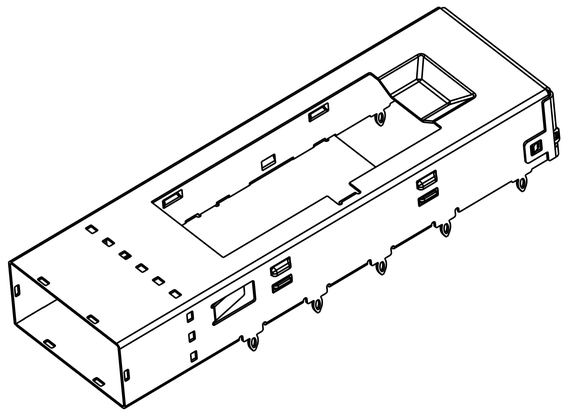
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SPRING FINGER OPTIONS

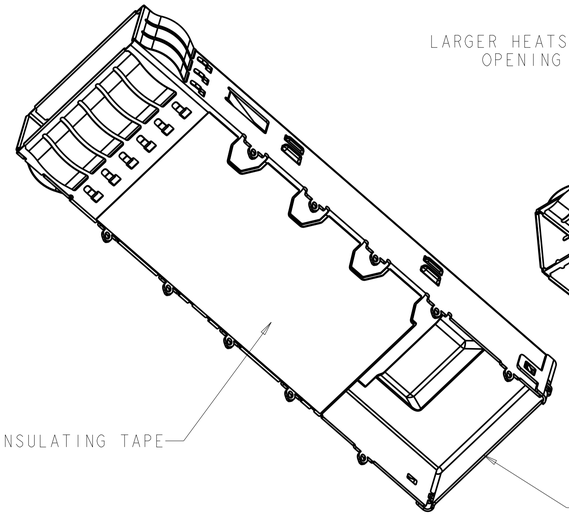


WITH EMI SPRING FINGER
SCALE 3:1

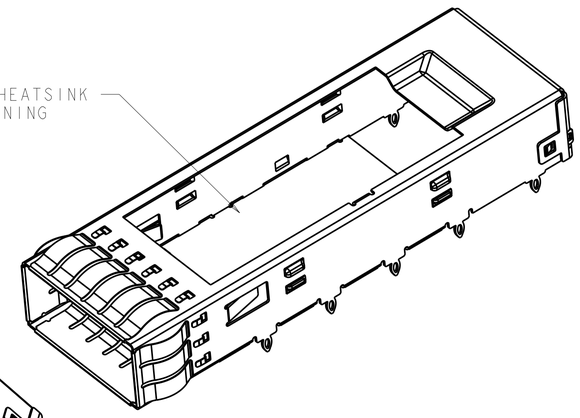


2-2170703-7
WITHOUT EMI SPRING FINGER
SCALE 3:1

2-2170703-9

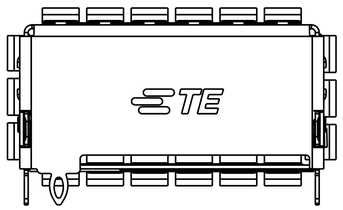


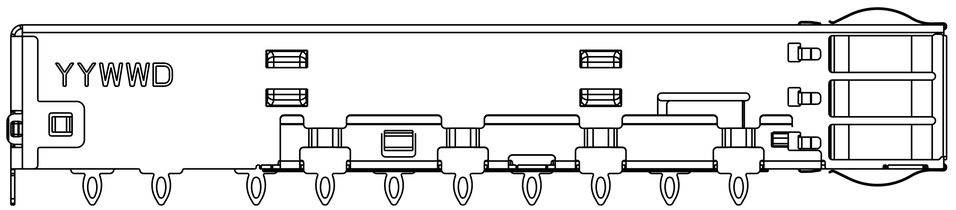
SCALE 3:1

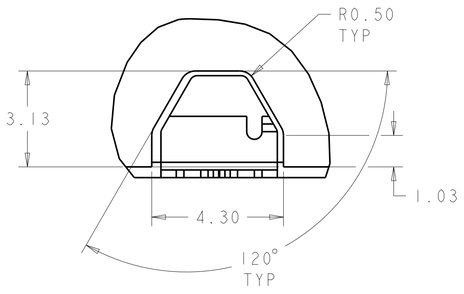


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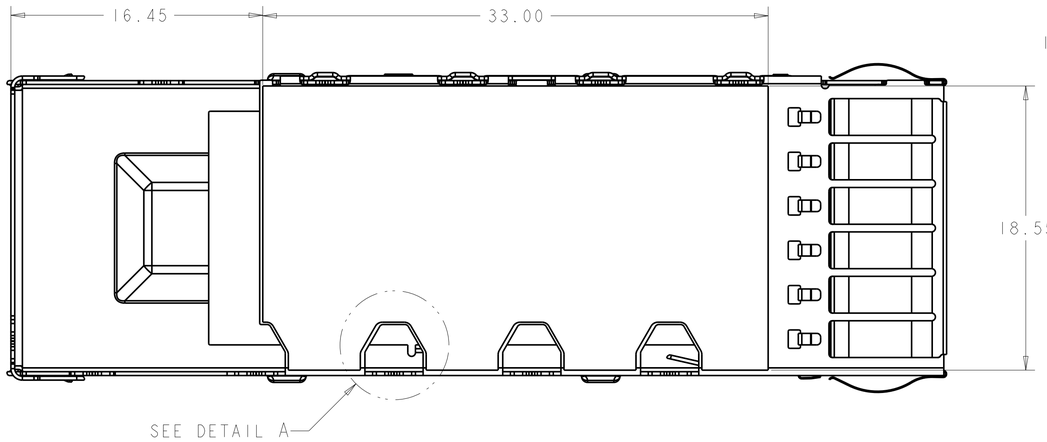
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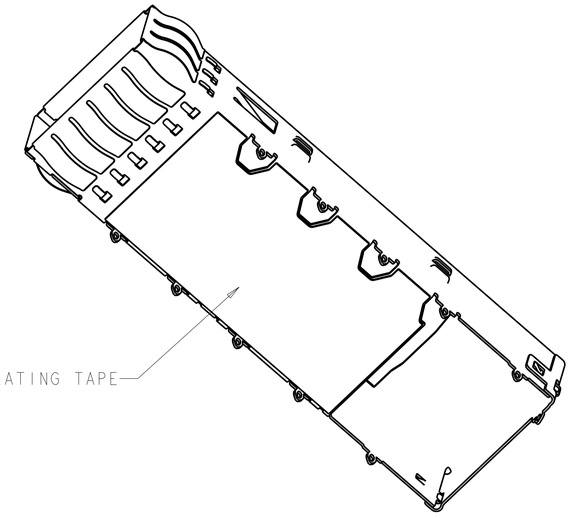






DETAIL A
SCALE 10:1





SCALE 3:1

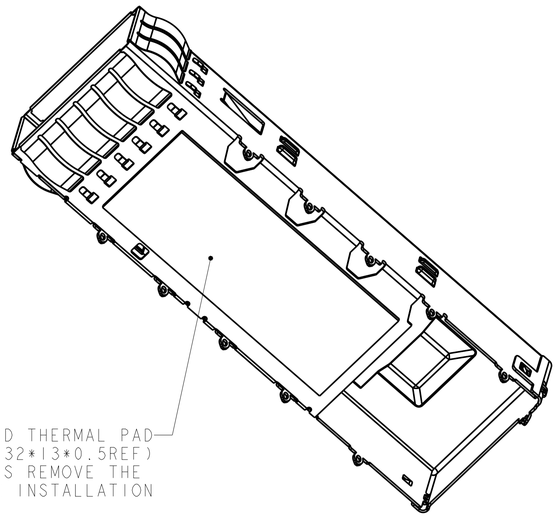
NOTE: 2-2170703-8 DIMENSIONS MARKED ARE FOR INSULATING TAPE

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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 ± -	CHK SEAN HAN 29JAN2016	NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL WITH EMI SPRING FINGER
		APVD -	
		PRODUCT SPEC 108-19428	
		APPLICATION SPEC 114-32023	SIZE A1 | CAGE CODE 00779 | DRAWING NO C- 2170703 | RESTRICTED TO
MATERIAL - -	FINISH - -	WEIGHT -	RESTRICTED CUSTOMER | SCALE 2:1 | SHEET 3 OF 7 | REV D1

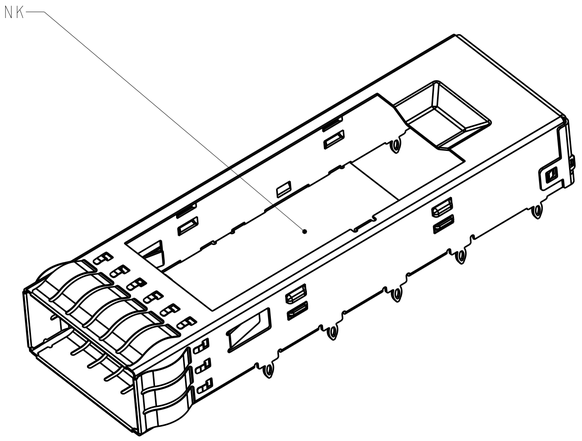
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

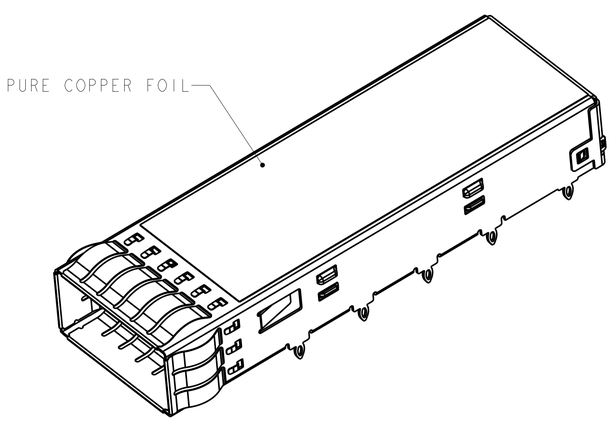


SCALE 3:1

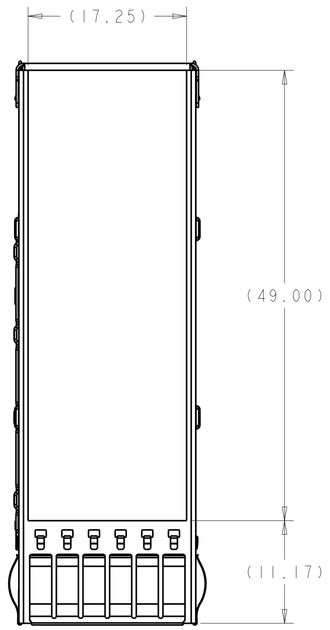


4-2170703-6 AS SHOWN
SAME AS 2-2170703-6 EXCEPT WITH THERMAL PAD
SCALE 3:1

PURE COPPER FOIL OPTIONS



1-2170703-4
SCALE 3:1



SCALE 3:1

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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 23SEP2013
CHK SEAN HAN 29JAN2016
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL WITH EMI SPRING FINGER

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C- 2170703	

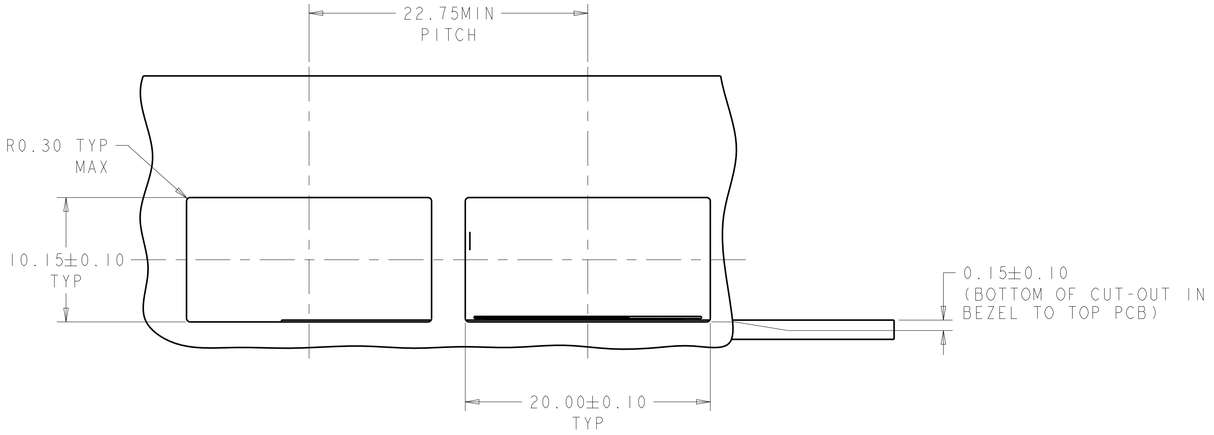
RESTRICTED CUSTOMER | SCALE 2:1 | SHEET 4 OF 7 | REV D1

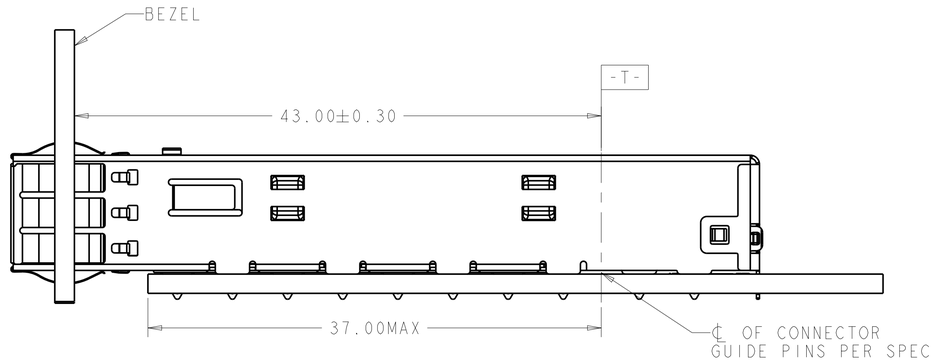
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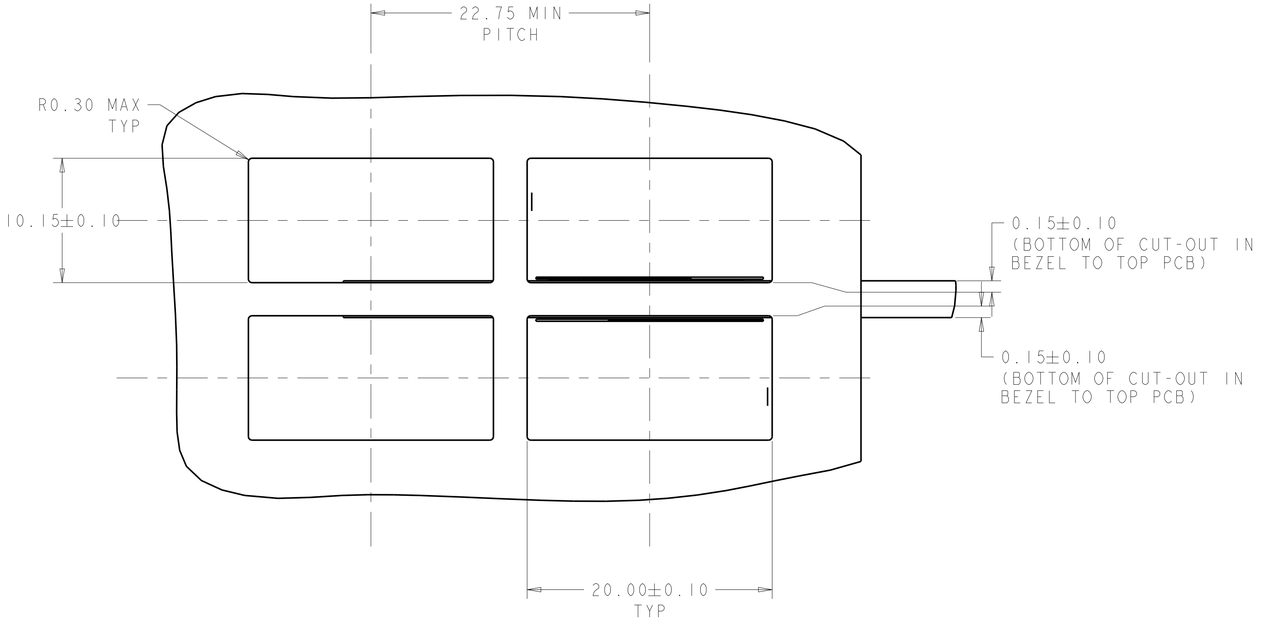
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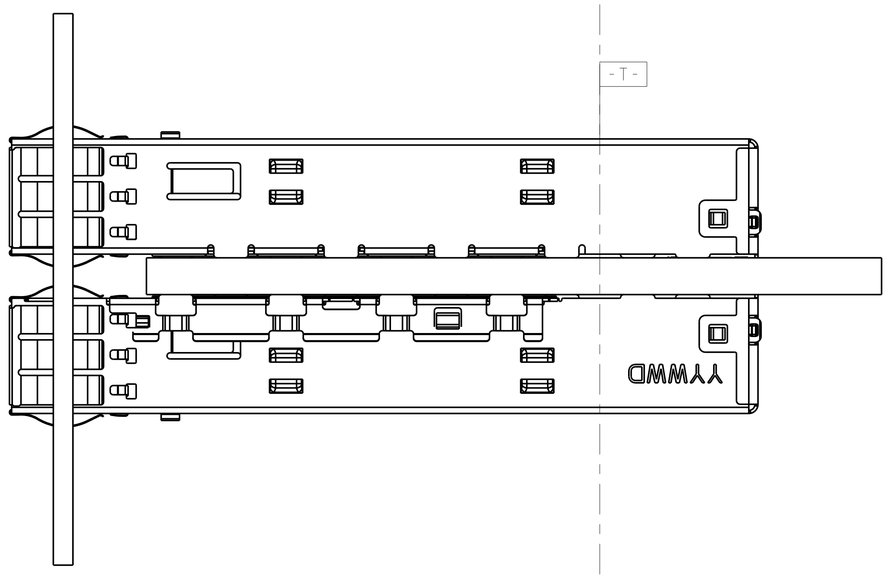
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





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 ± 0.100
4 PLC ± .
ANGLES ± .

MATERIAL -
-

FINISH -
-

DWN JASON YANG 23SEP2013
CHK SEAN HAN 29JAN2016
APVD -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL WITH EMI SPRING FINGER

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C- 2170703	

RESTRICTED CUSTOMER

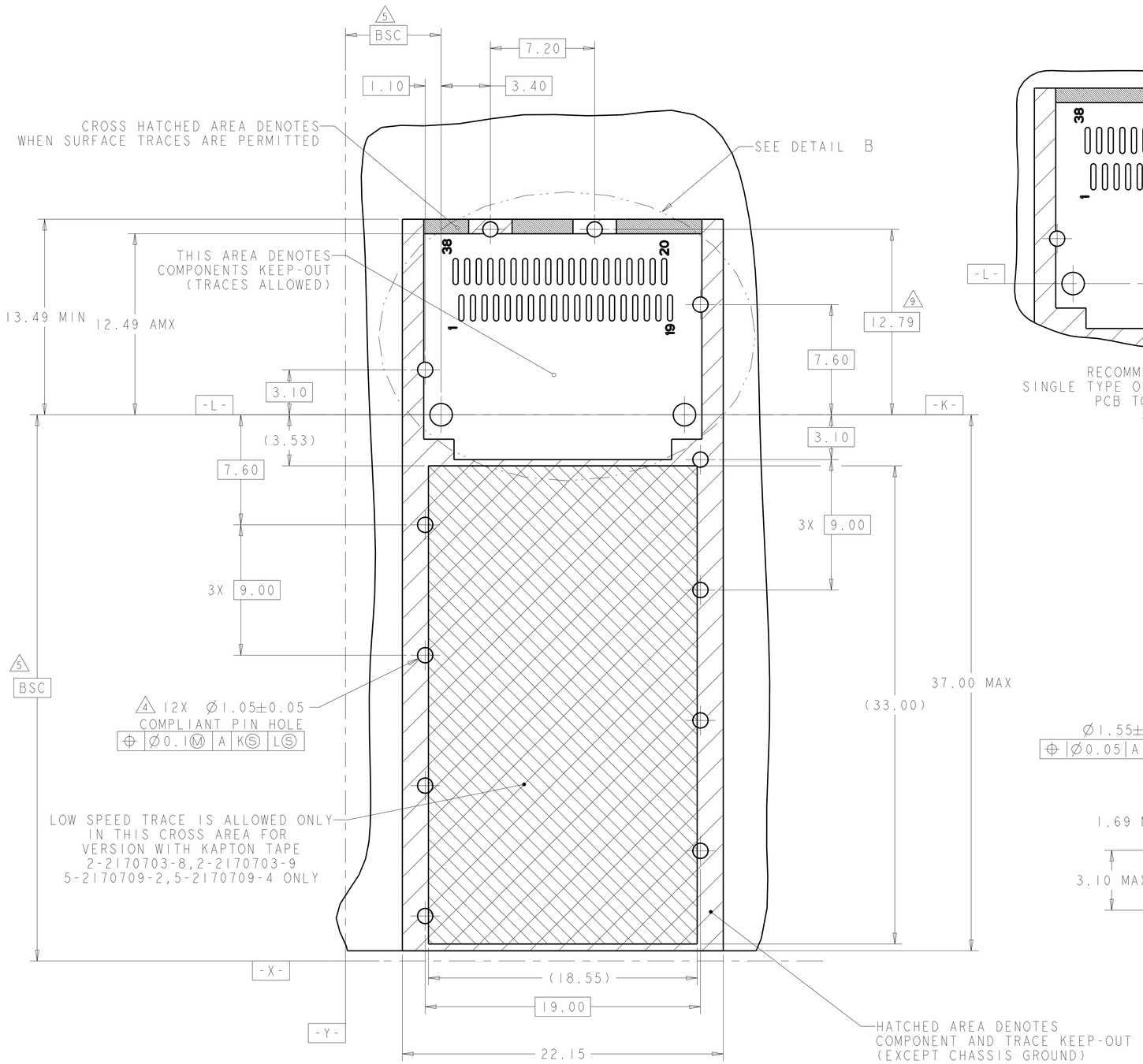
SCALE 2:1 SHEET 5 OF 7 REV D1

4805 (3/13)

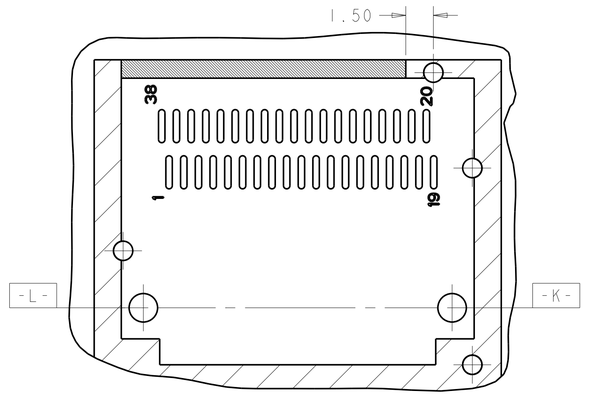
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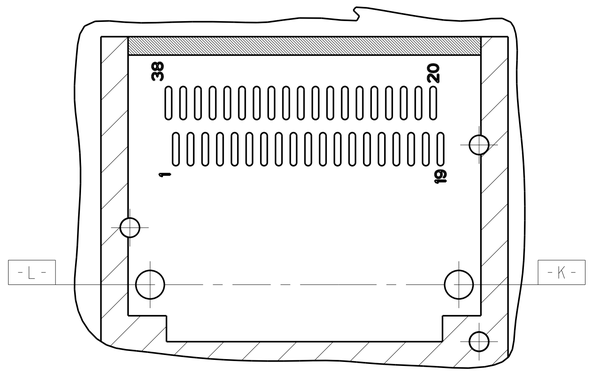
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



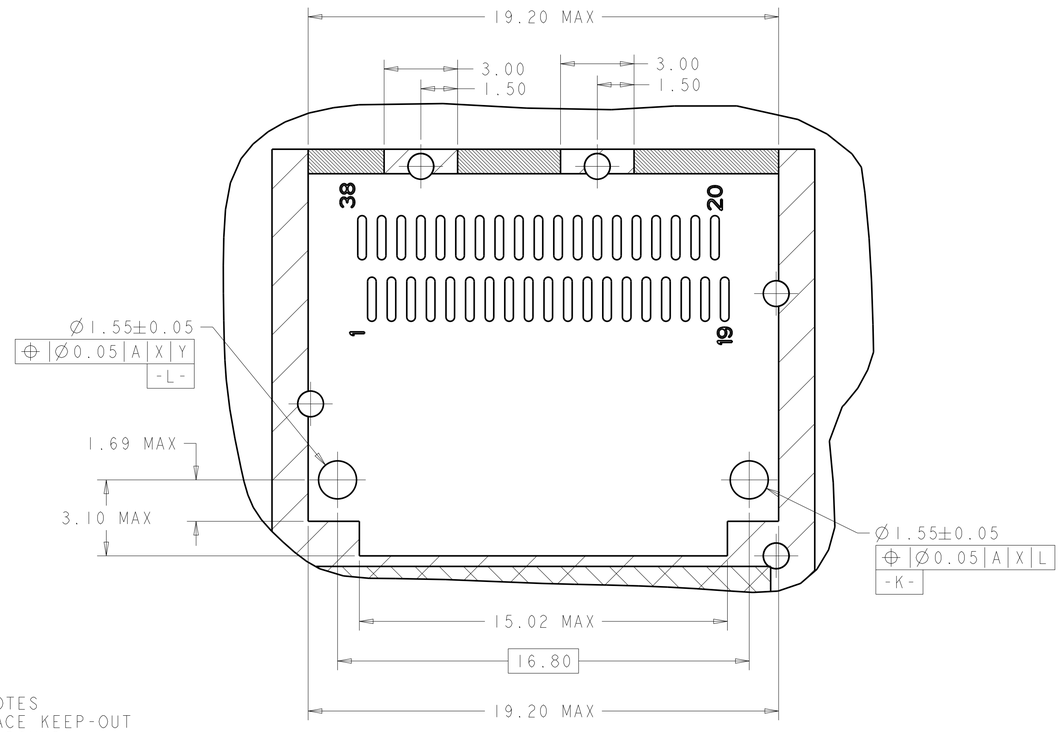
RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



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

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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 23SEP2013
CHK SEAN HAN 29JAN2016
APVD - -
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, QSFP28 1X1,THRU BEZEL WITH EMI SPRING FINGER

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C- 2170703	

RESTRICTED CUSTOMER

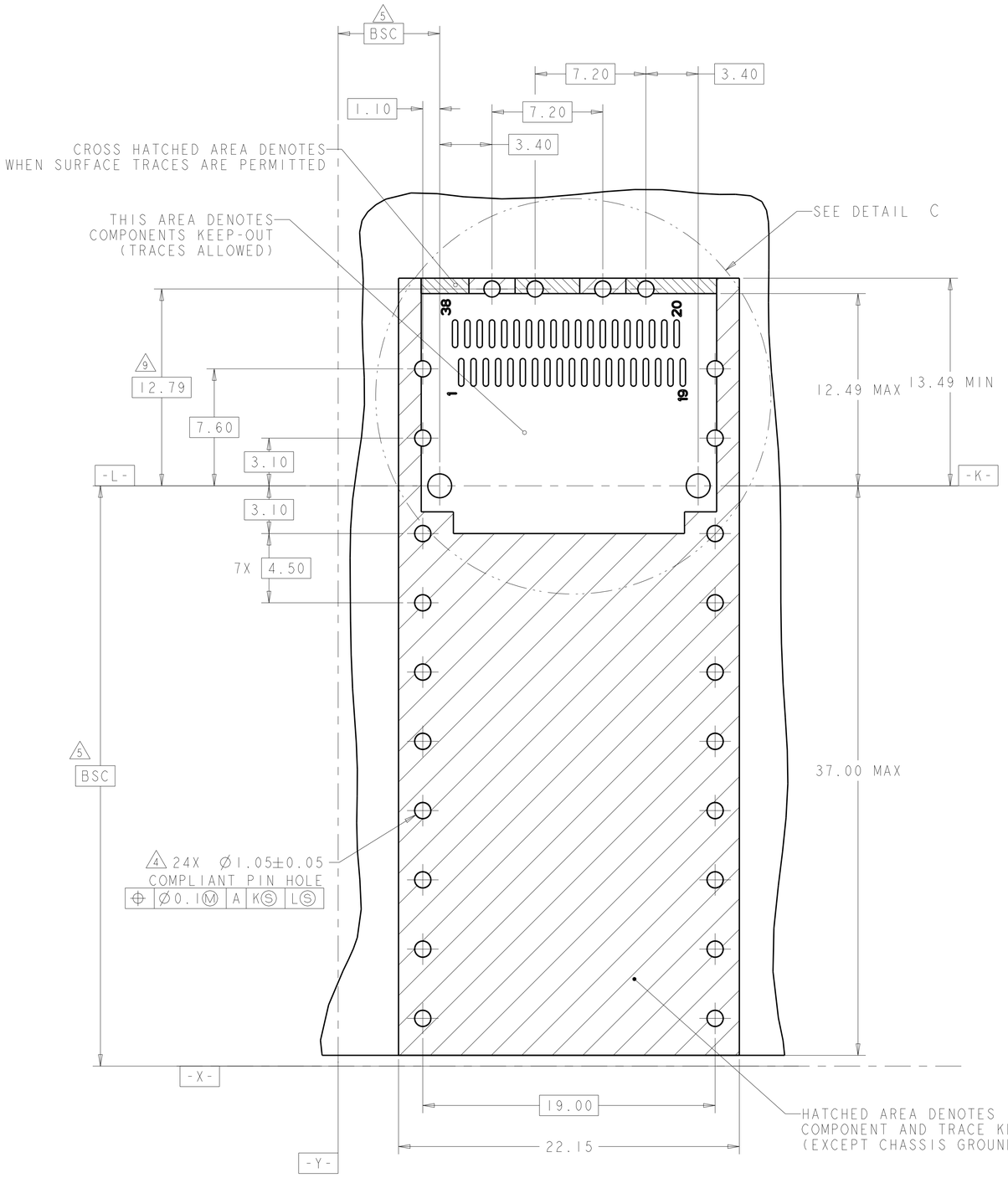
SCALE 2:1 SHEET 6 OF 7 REV D1

4805 (3/13)

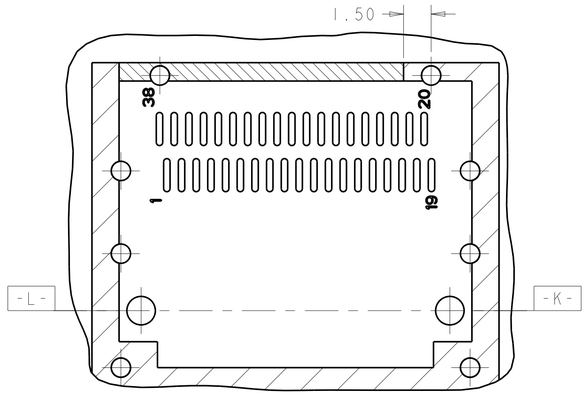
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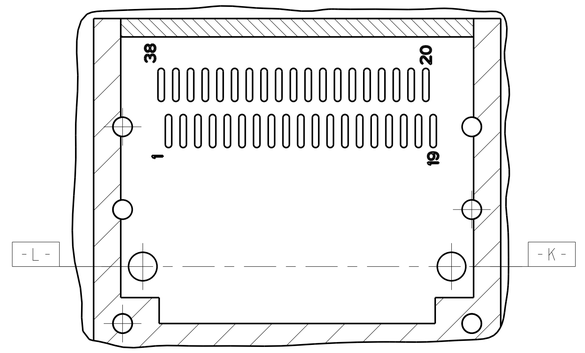
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



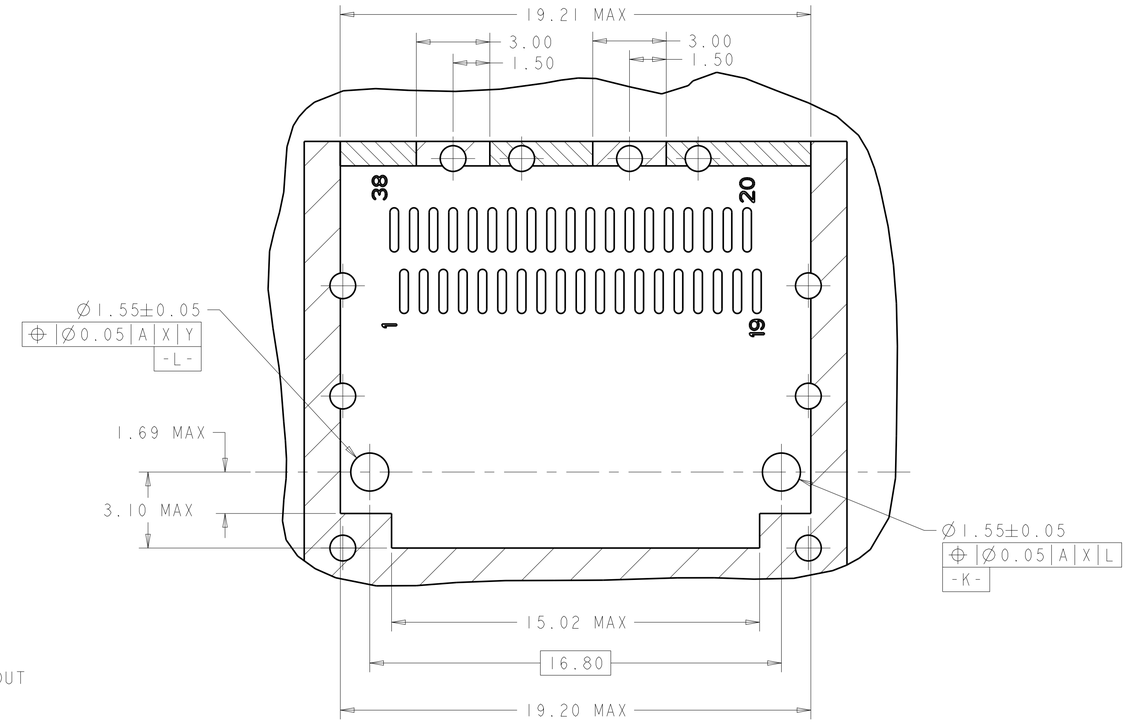
RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1



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 23SEP2013	TE Connectivity	
	CHK SEAN HAN 29JAN2016		
DIMENSIONS: mm	APVD -	NAME CAGE ASSEMBLY, QSFP28 1X1,THRU BEZEL WITH EMI SPRING FINGER	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.25; 1 PLC ± 0.25; 2 PLC ± 0.20; 3 PLC ± 0.100; 4 PLC ± -; ANGLES ± -	PRODUCT SPEC 108-19428		
	APPLICATION SPEC 114-32023	SIZE A1 / CAGE CODE 00779 / DRAWING NO C- 2170703	RESTRICTED TO
MATERIAL - -	WEIGHT -	SCALE 2:1 / SHEET 7 OF 7	REV D1
FINISH - -	RESTRICTED CUSTOMER		

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