

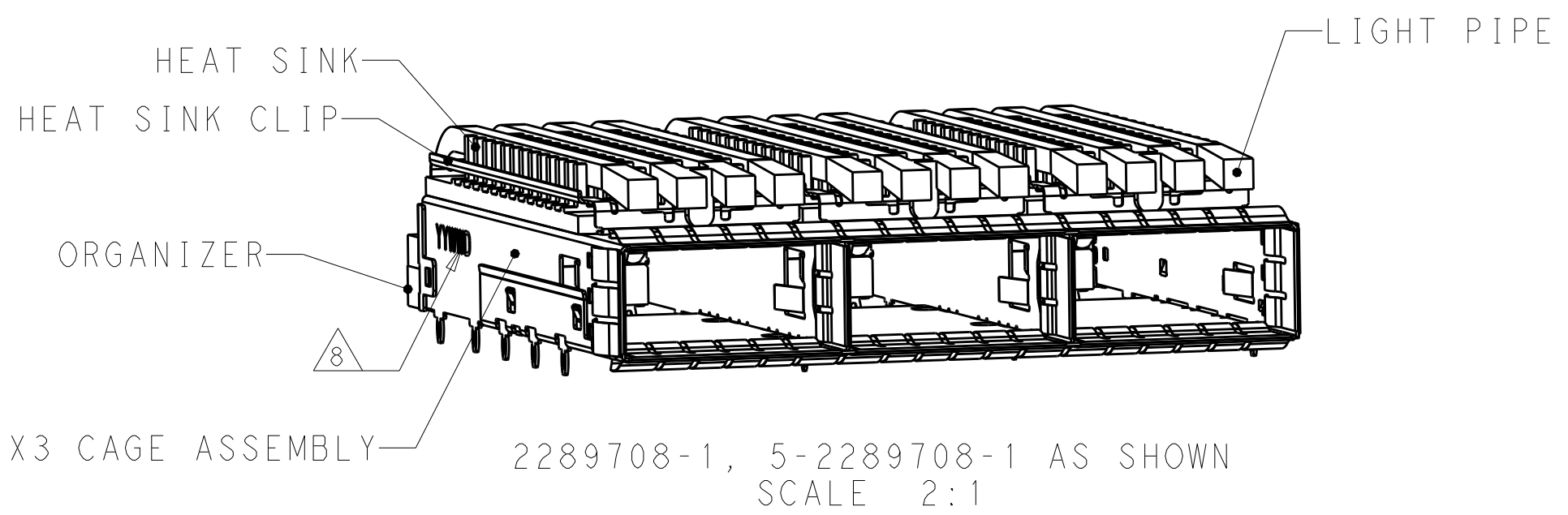
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	01NOV2016	JY	SH

D

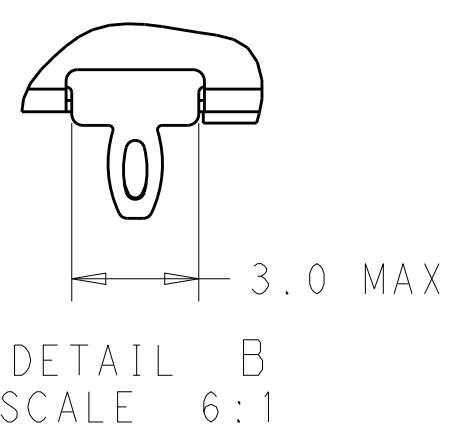
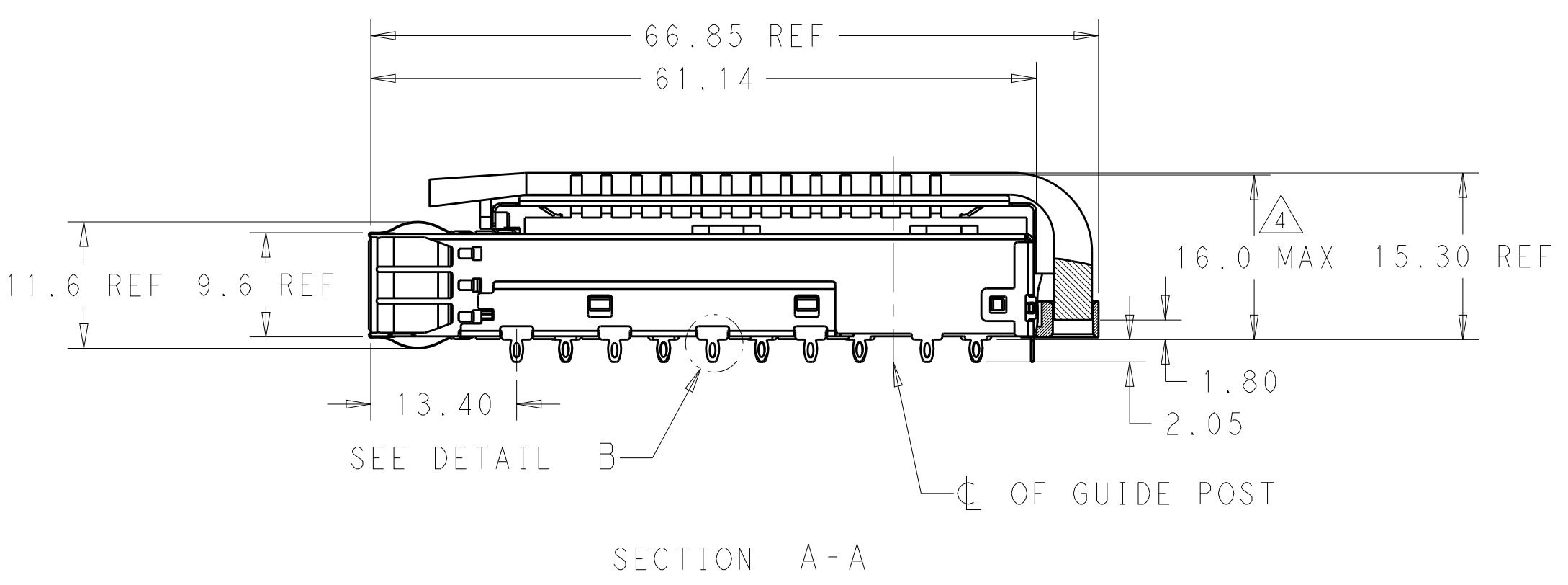
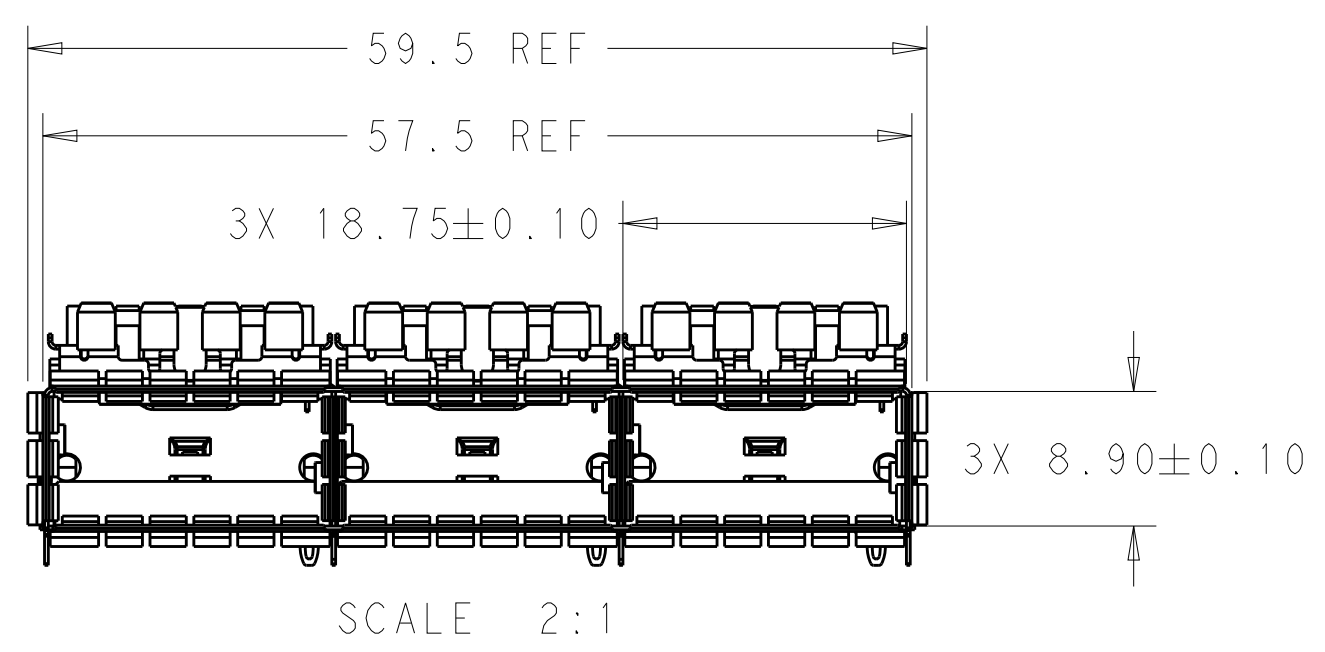
C

B

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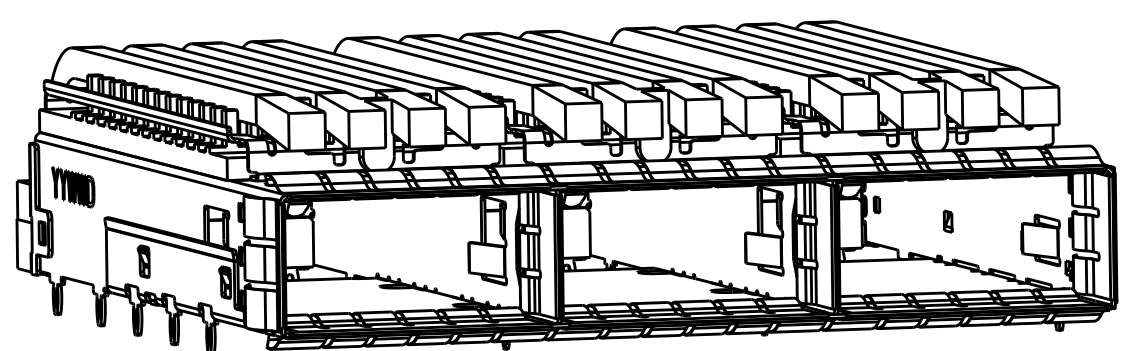


1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
LIGHT PIPE: CLEAR POLYCARBONATE WITH UL 94 V_0
ORGANIZER: POLYESTER WITH UL 94 V_0
2. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
4. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
5. HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES ARE SHIPPED ASSEMBLED ON CAGE
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
DOUBLE SIDED: 2.20 MIN
7. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
8. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.

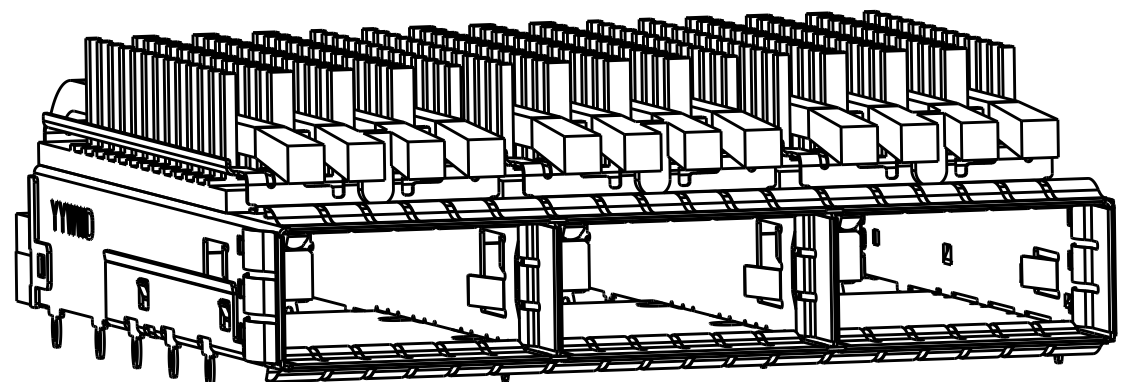


W/ COATING	CUSTOMIZED	5-2289708-4
W/ COATING	CUSTOMIZED	5-2289708-3
W/ COATING	CUSTOMIZED	5-2289708-2
W/ COATING	SAN HEAT SINK	5-2289708-1
W/O COATING	CUSTOMIZED	2289708-4
W/O COATING	CUSTOMIZED	2289708-3
W/O COATING	CUSTOMIZED	2289708-2
W/O COATING	SAN HEAT SINK	2289708-1
LP OPTION	APPLICATION	PART NUMBER

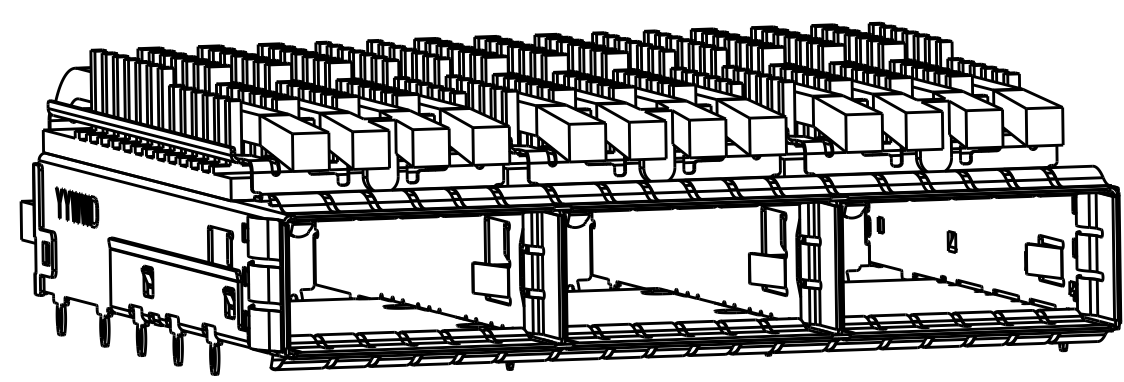
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN 31DEC2014	TE Connectivity	
DIMENSIONS: mm		CHK SEAN HAN 19JUN2015		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD MARSHALL CHEN 19JUN2015	NAME CAGE ASSEMBLY, QSFP28, 1X3 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING	
0 PLC ±-		PRODUCT SPEC 108-19428	SIZE CAGE CODE DRAWING NO	
1 PLC ±0.25		APPLICATION SPEC 114-32023	RESTRICTED TO	
2 PLC ±0.2		WEIGHT -	A200779C-2289708	
3 PLC ±-		CUSTOMER DRAWING	SCALE 1:1 SHEET 1 OF 7 REV A	
4 PLC ±-				
ANGLES ±-				
FINISH				
MATERIAL SEE NOTES				
SEE NOTES				



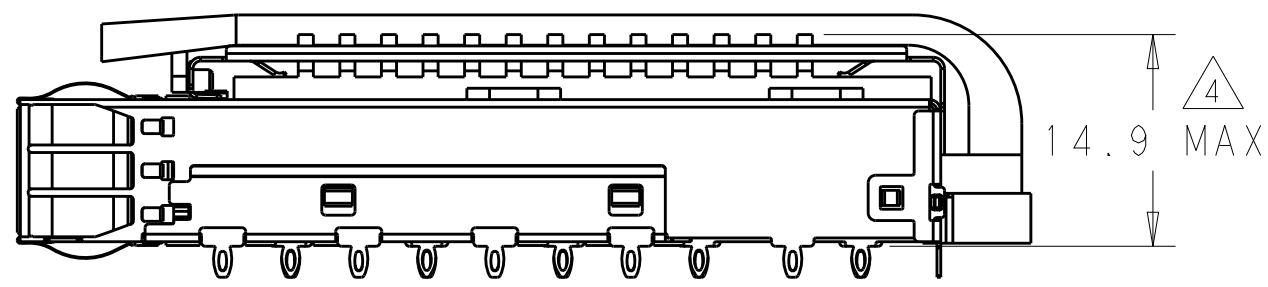
2289708-2, 5-2289708-2 AS SHWON
SCALE 2:1



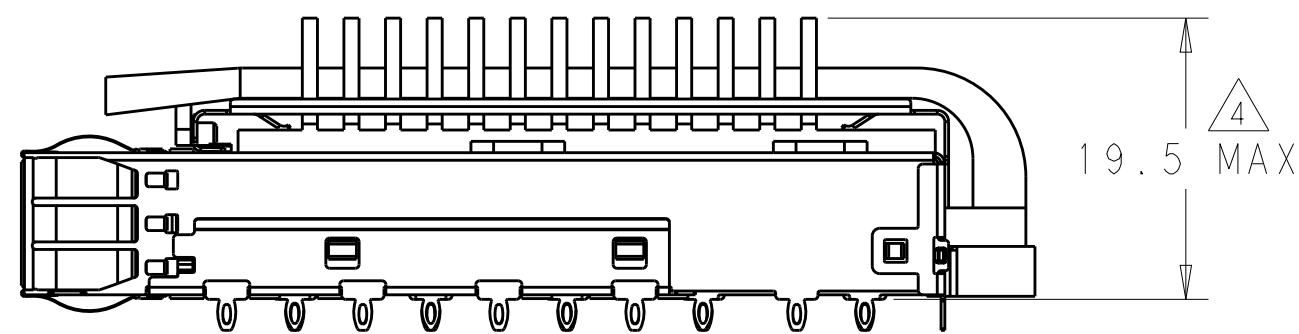
2289708-3, 5-2289708-3 AS SHWON
SCALE 2:1



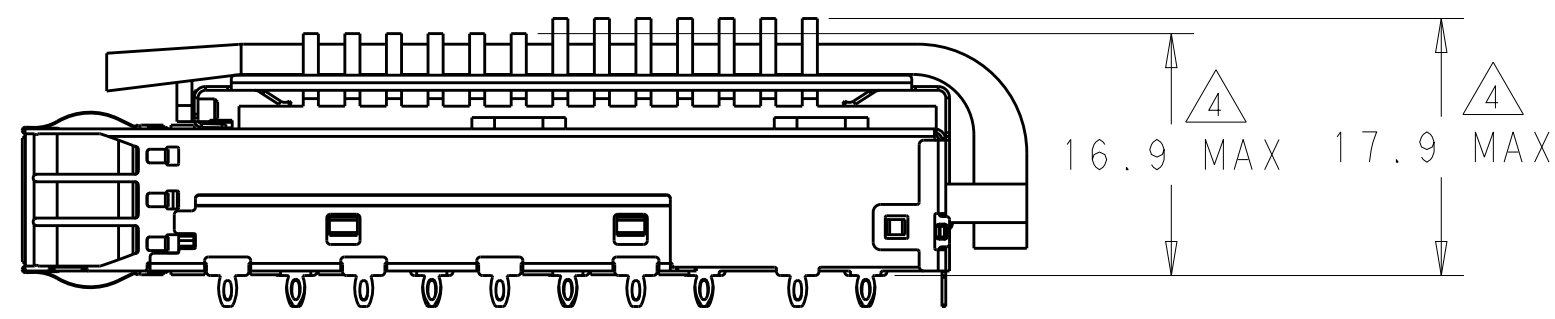
2289708-4, 5-2289708-4 AS SHWON
WITHOUT ORGANIZER
SCALE 2:1



2289708-2, 5-2289708-2 AS SHWON
UNSPECIFIED DIMENSIONS ARE SAME AS 2289708-1
SCALE 2:1



2289708-3, 5-2289708-3 AS SHWON
UNSPECIFIED DIMENSIONS ARE SAME AS 2289708-1
SCALE 2:1



2289708-4, 5-2289708-4 AS SHWON
UNSPECIFIED DIMENSIONS ARE SAME AS 2289708-1
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	31DEC2014
		CHK	ROBERT GAN
mm	0 PLC ±-	CHK	19JUN2015
		SEAN HAN	
	1 PLC ±0.25	APVD	19JUN2015
		MARSHALL CHEN	
MATERIAL	FINISH	PRODUCT SPEC	NAME
		108-19428	CAGE ASSEMBLY, QSFP28, 1X3
SEE NOTES	SEE NOTES	APPLICATION SPEC	WITH HEAT SINKS AND LIGHT PIPES,
		114-32023	THRU BEZEL, SPRING
-	-	WEIGHT	SIZE
		CUSTOMER DRAWING	CAGE CODE
			DRAWING NO
			RESTRICTED TO
			SCALE
			SHEET
			OF
			REV

TE Connectivity

A200779

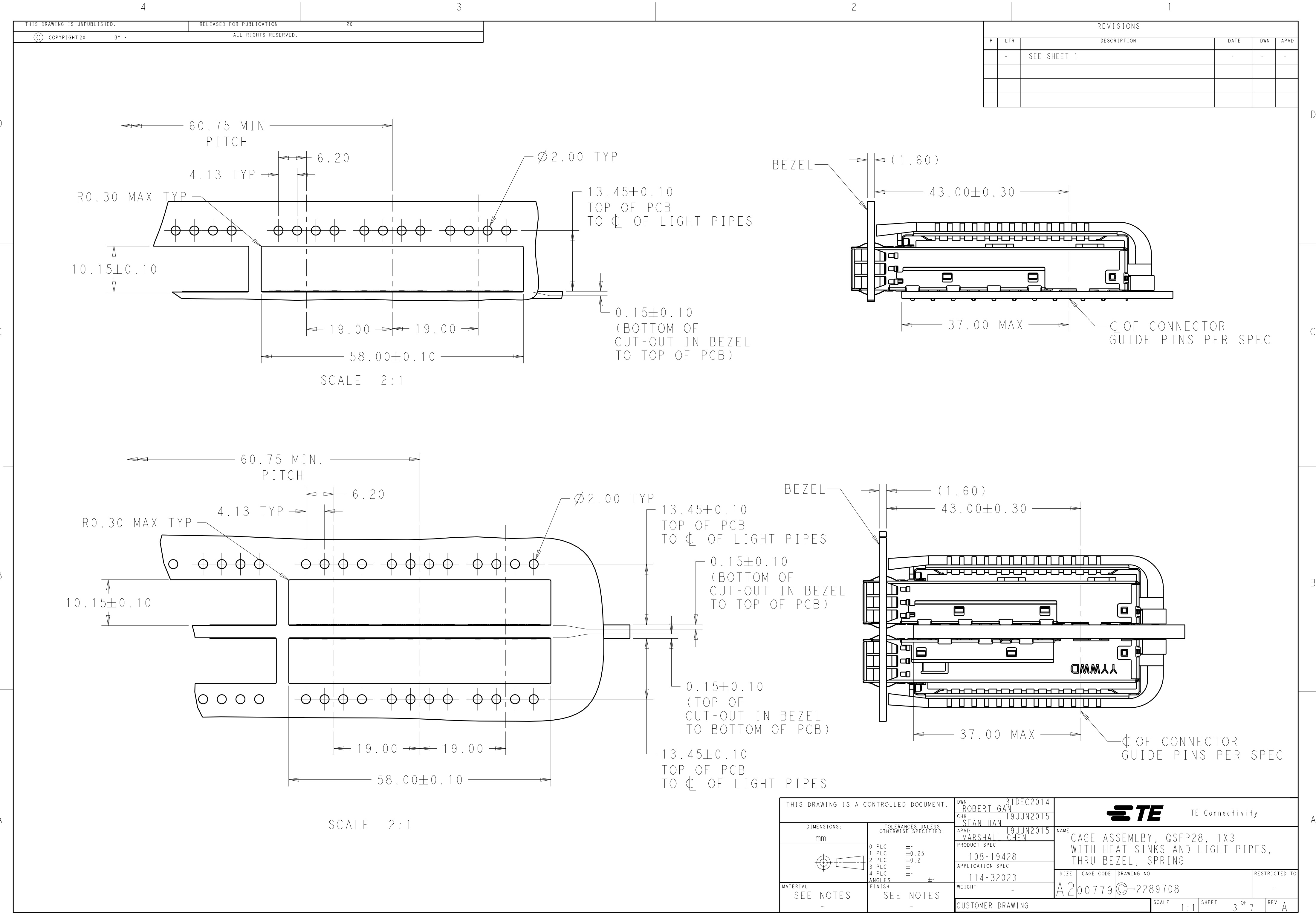
©-2289708

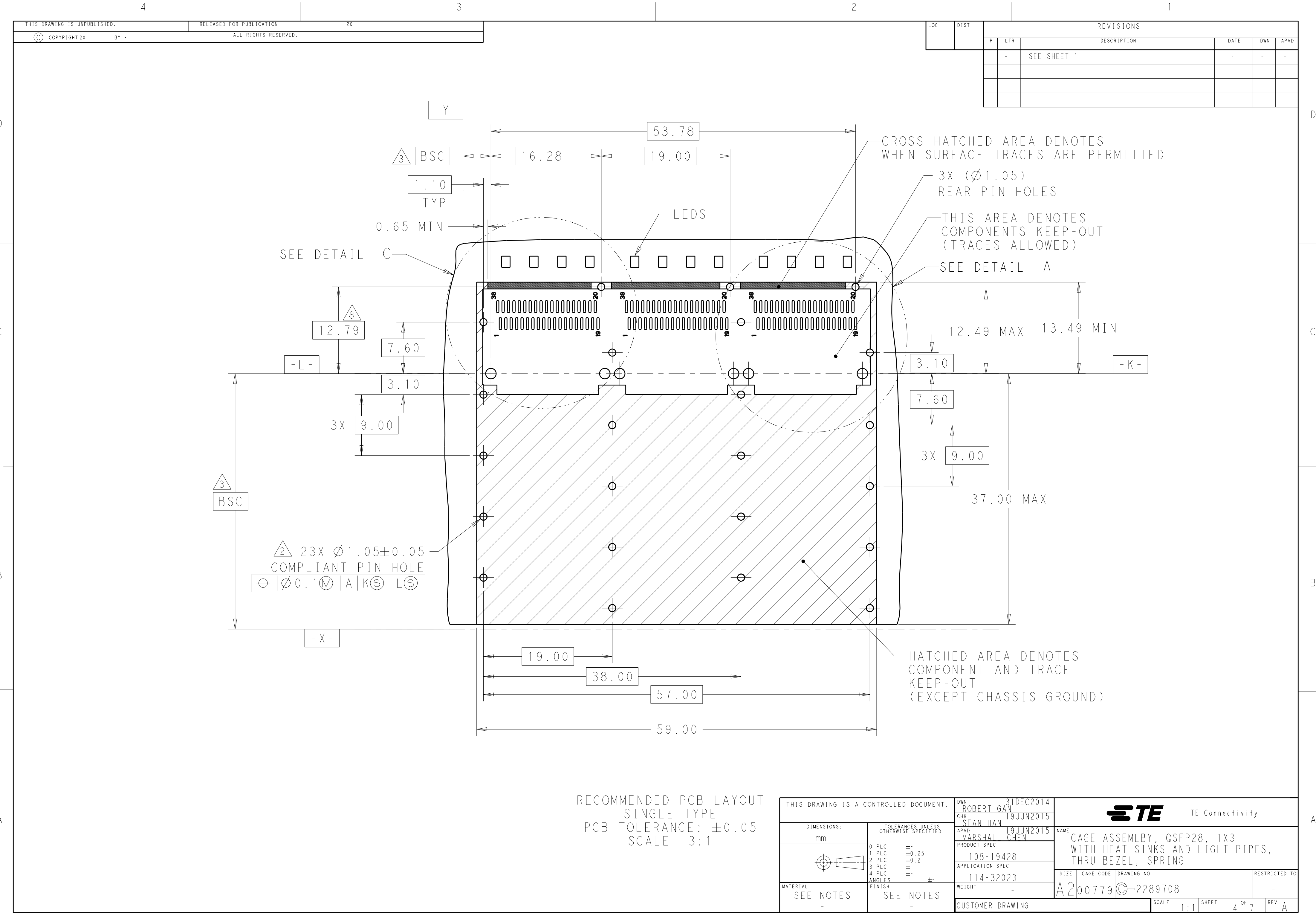
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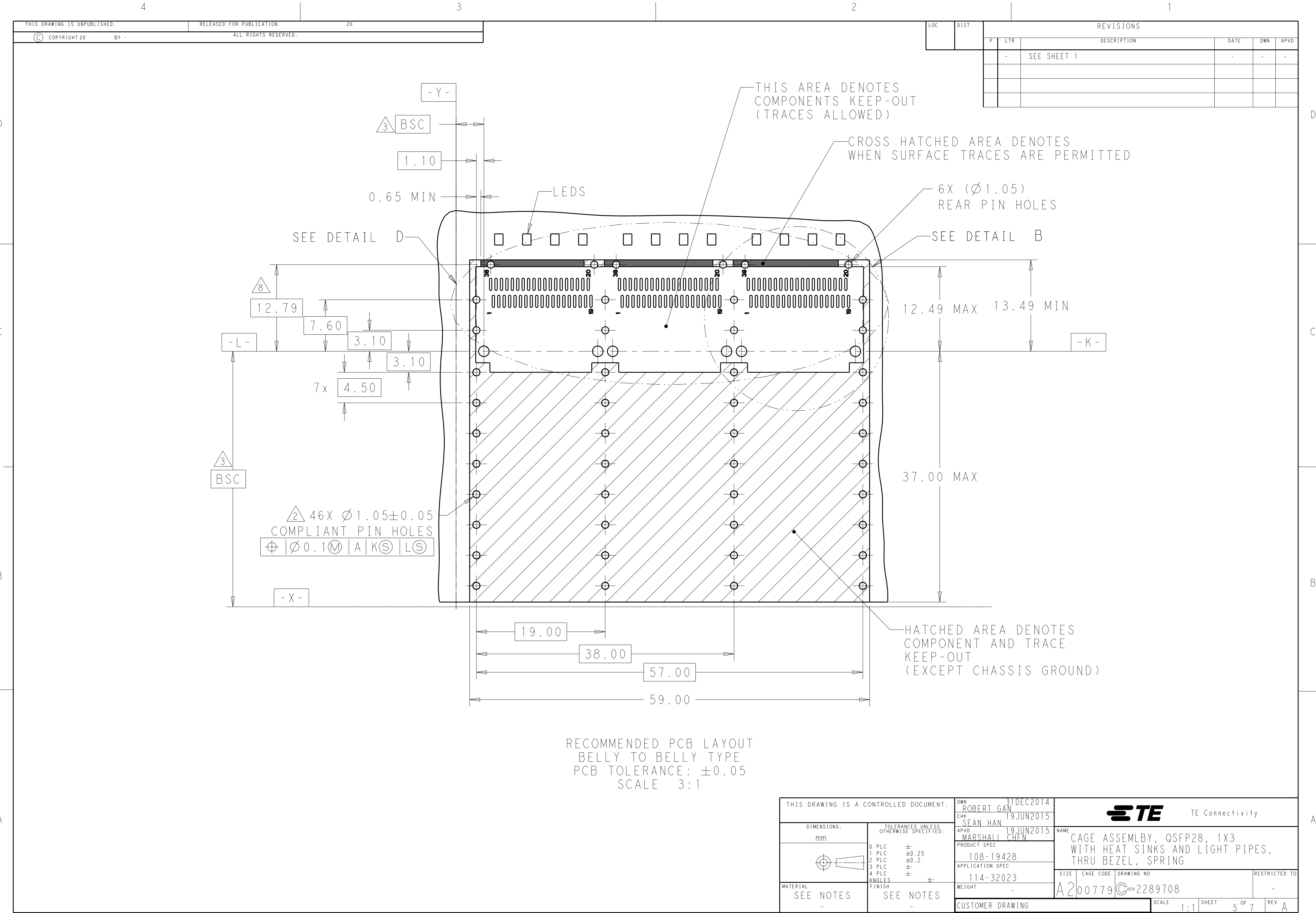
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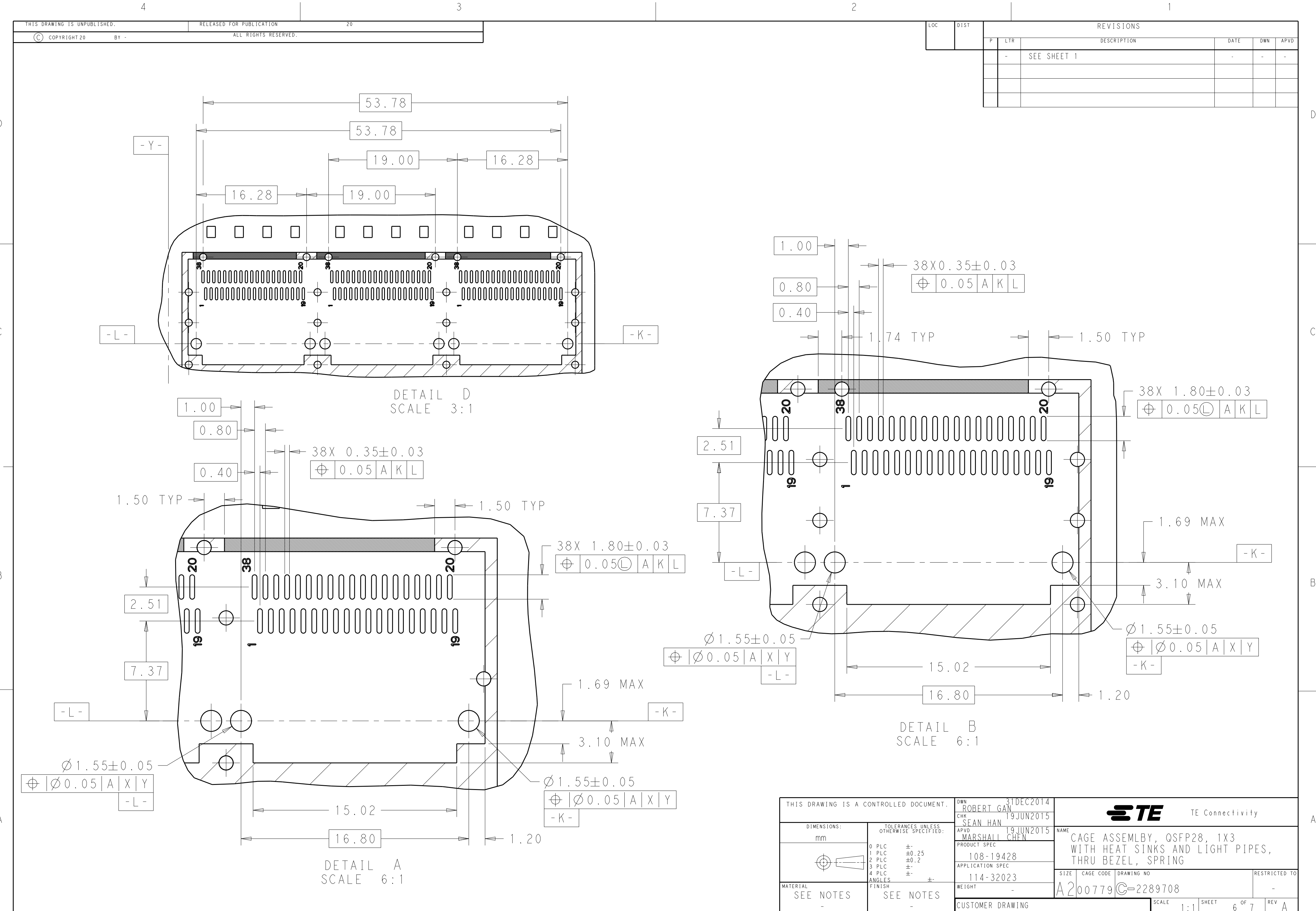
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A



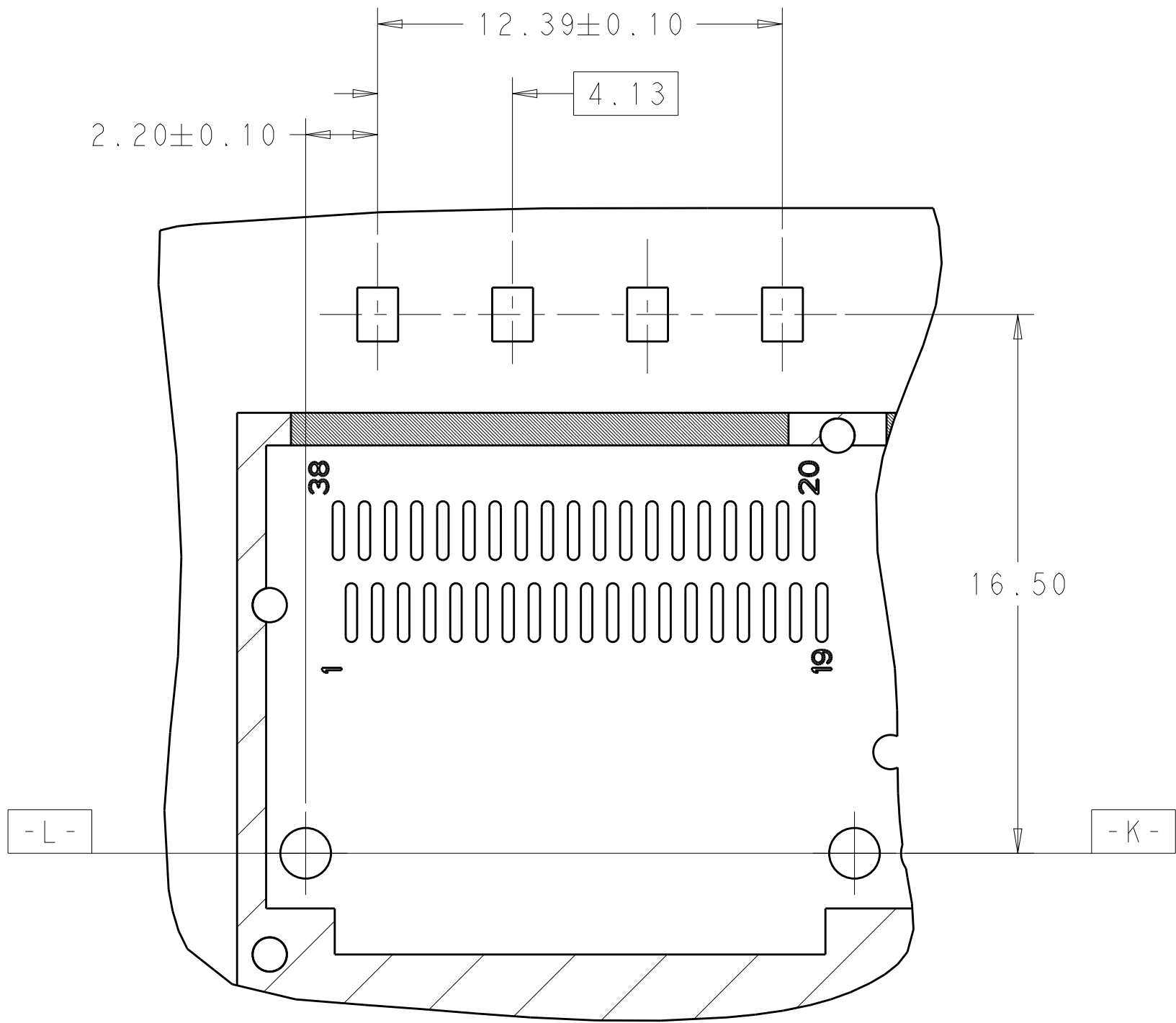






THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN 31DEC2014	TE Connectivity			
		CHK SEAN HAN 19JUN2015				
DIMENSIONS:		APVD MARSHALL CHEN 19JUN2015	NAME CAGE ASSEMBLY, QSFP28, 1X3 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING			
mm		PRODUCT SPEC 108-19428	SIZE A200779		DRAWING NO C-2289708	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-32023	CAGE CODE		RESTRICTED TO	
0 PLC ±		WEIGHT -	SCALE 1:1		SHEET 6 OF 7	
1 PLC ±0.25		CUSTOMER DRAWING	REV A			
2 PLC ±0.2						
3 PLC ±						
4 PLC ±						
ANGLES ±						
FINISH						
SEE NOTES						

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



DETAIL C
SCALE 6:1
QUAD LIGHT PIPE
LED LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN 31DEC2014				
DIMENSIONS:		CHK SEAN HAN 19JUN2015				
mm		APVD MARSHALL CHEN 19JUN2015	NAME CAGE ASSEMBLY, QSFP28, 1X3 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING			
		PRODUCT SPEC	SIZE 108-19428			
		APPLICATION SPEC	DRAWING NO 114-32023			
MATERIAL SEE NOTES		WEIGHT -	RESTRICTED TO A200779C-2289708			
FINISH SEE NOTES		CUSTOMER DRAWING	SCALE 1:1 SHEET 7 OF 7 REV A			