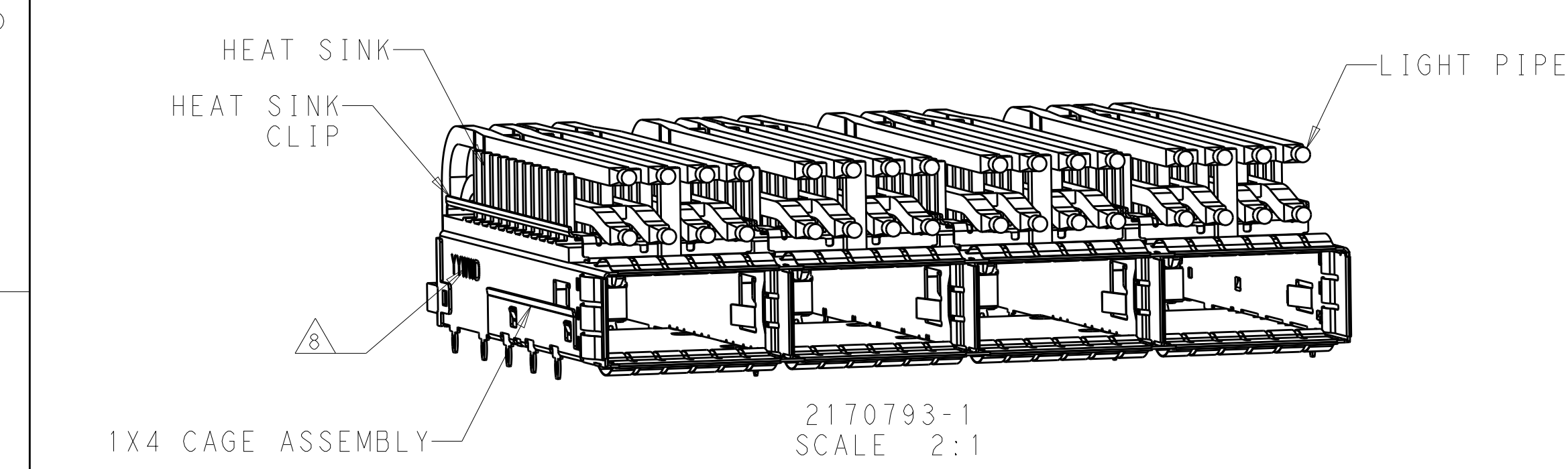
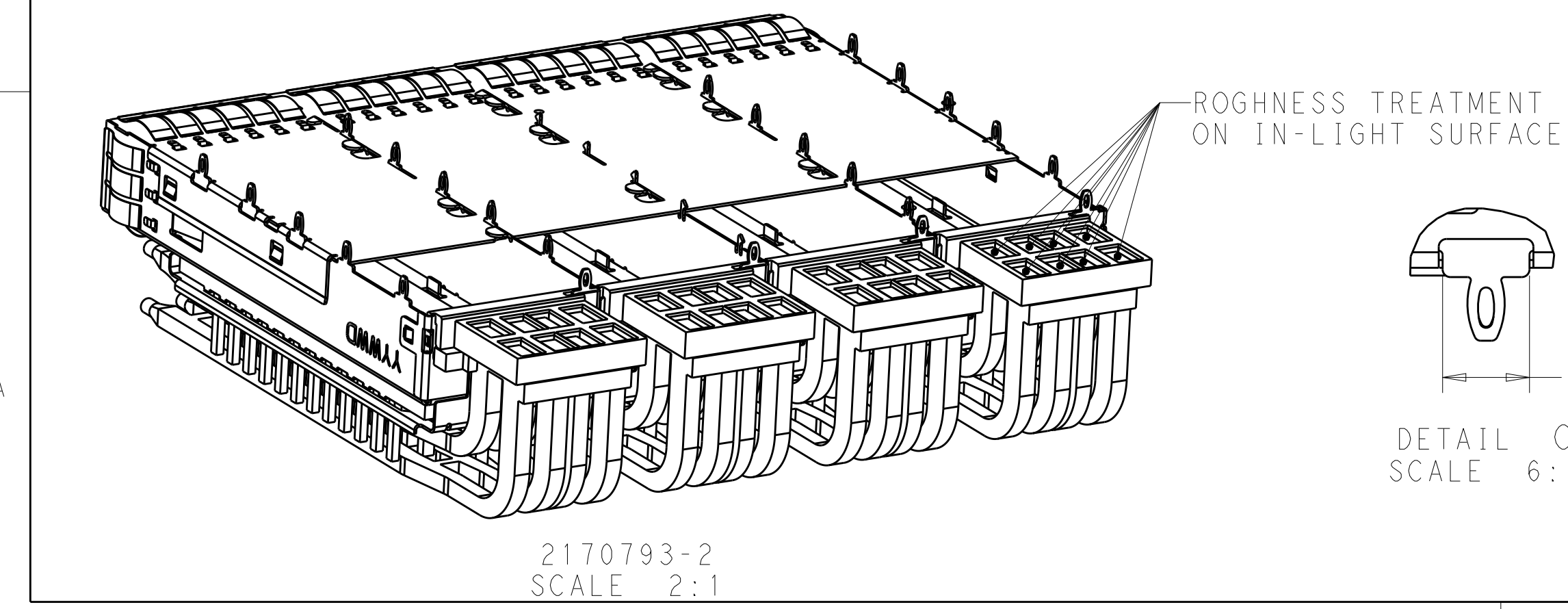
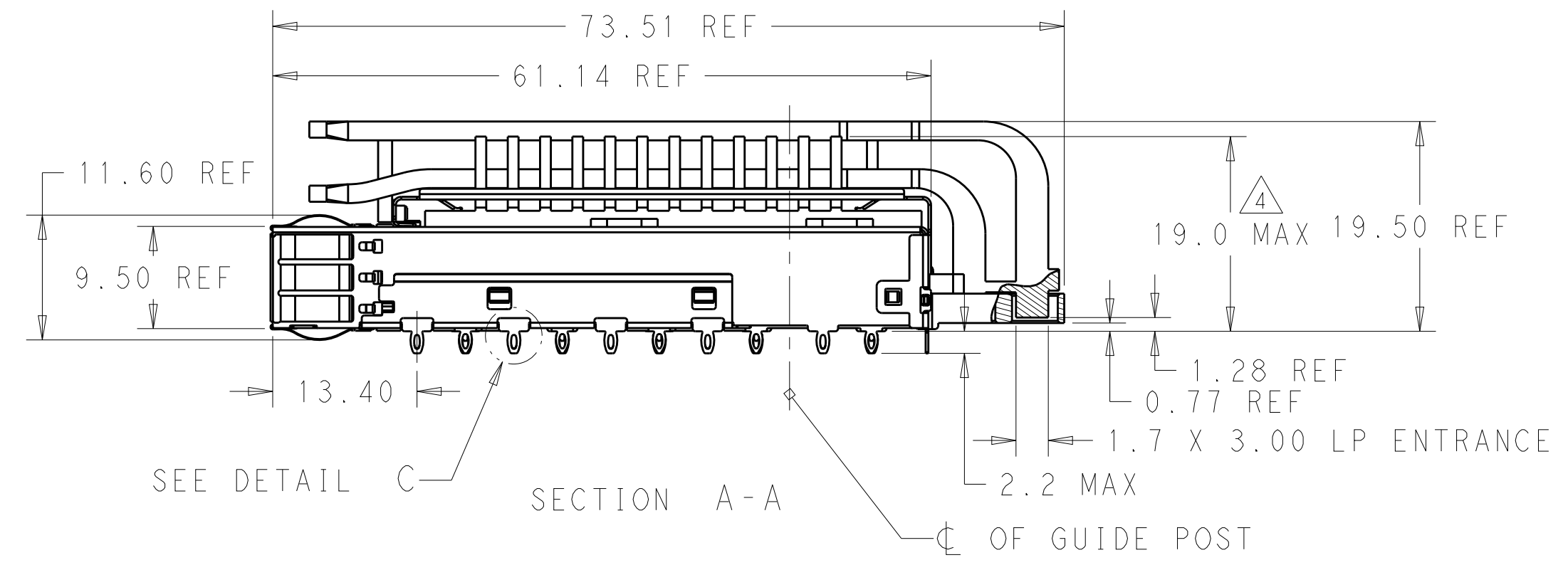
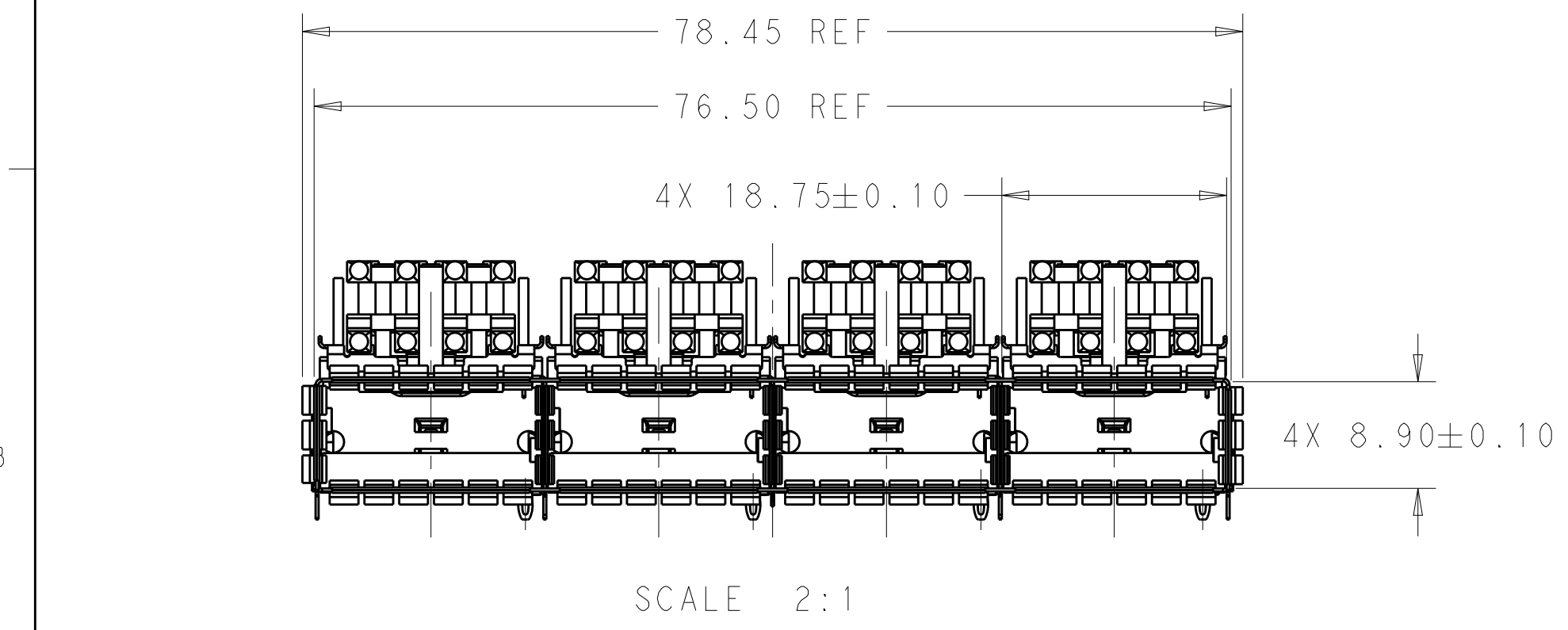


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASE	11SEP2017	RG	SH
B		REVISED PER ECO-18-009305	18MAY2018	JY	SH

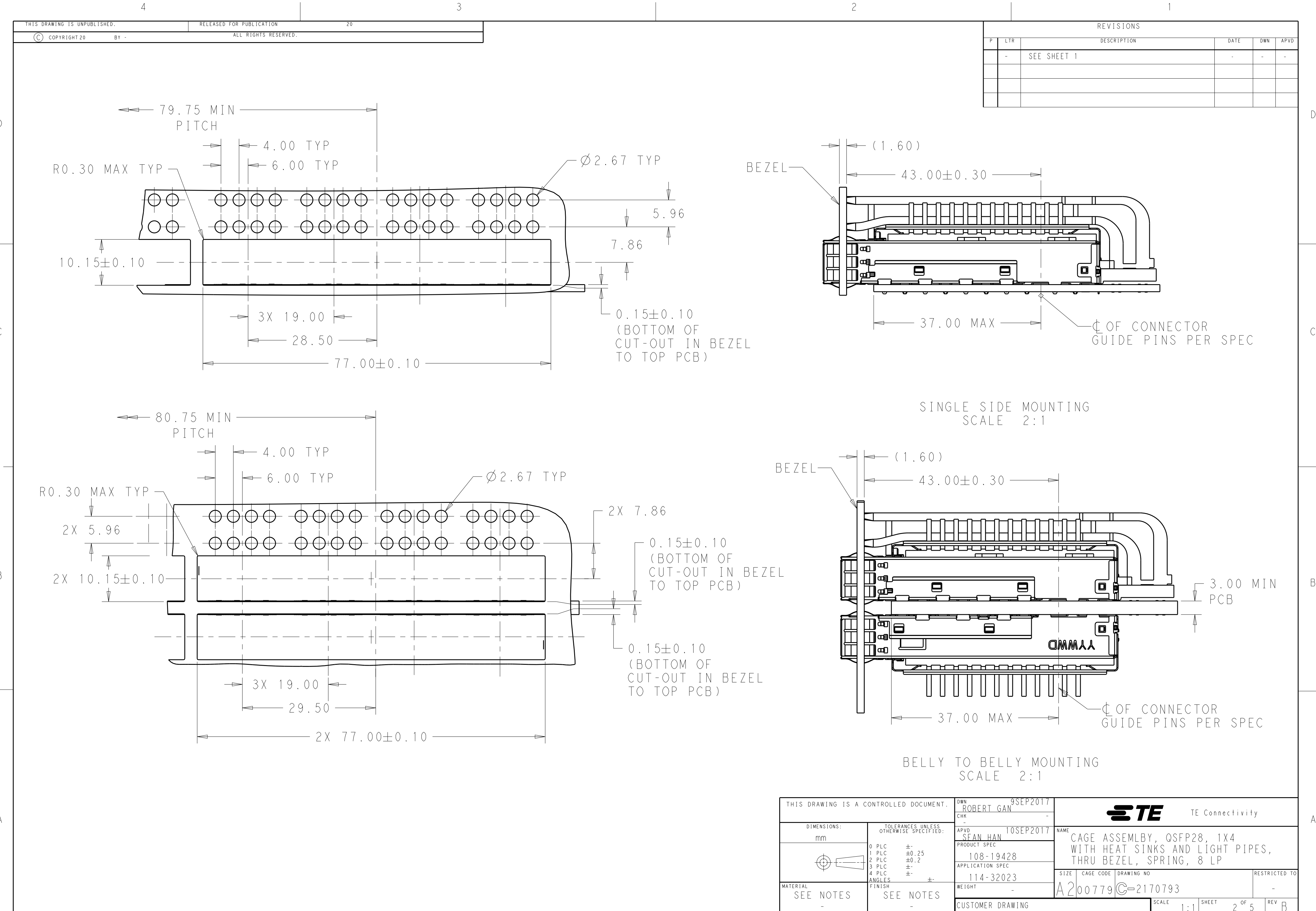


1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
LIGHT PIPE: CLEAR POLYCARBONATE WITH UL 94 V_0
ORGANIZER: POLYSTER

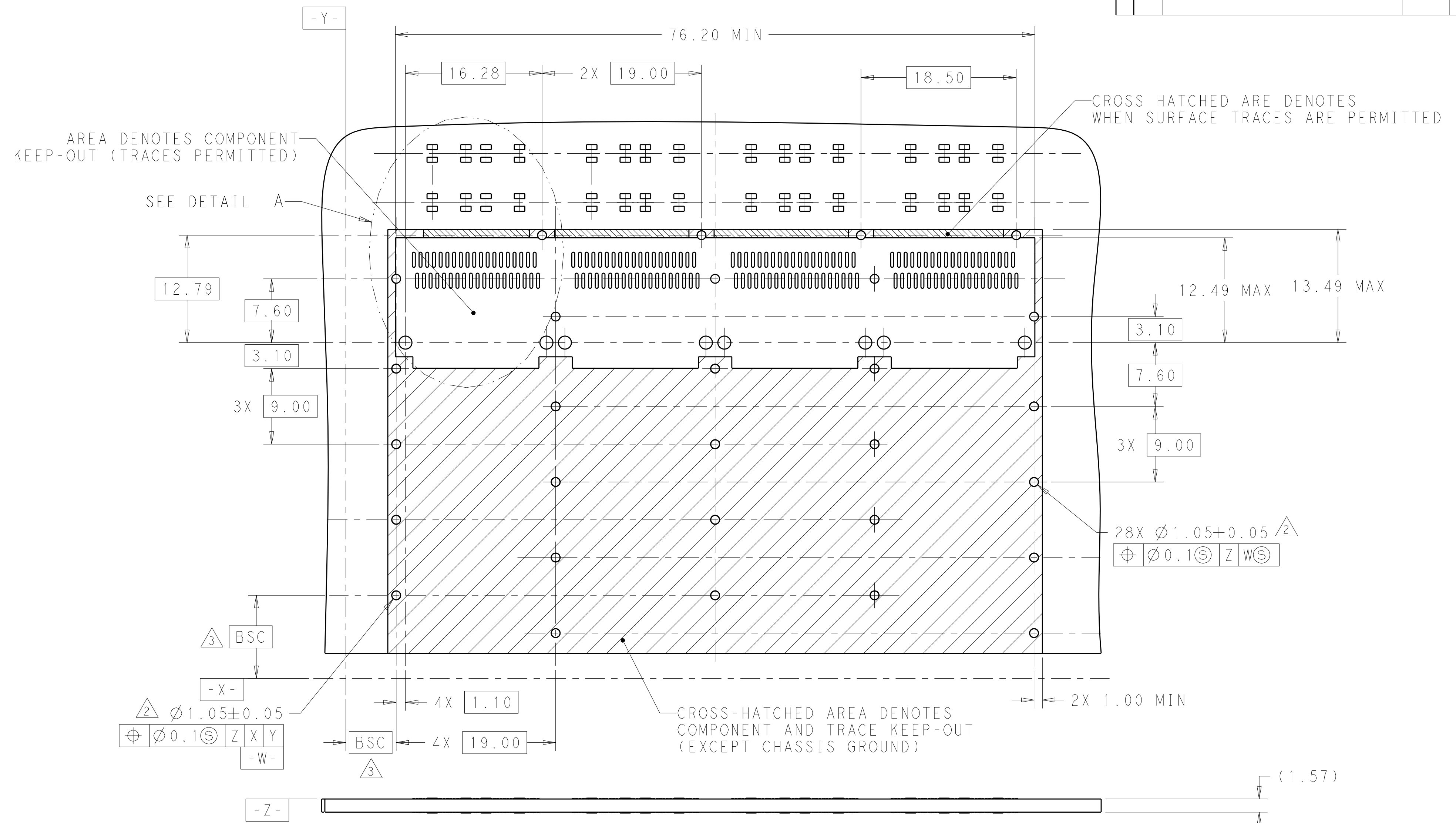
2. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
4. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
5. HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES ARE SHIPPED ASSEMBLED ON CAGE
6. MINIMUM PC 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.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN	9SEP2017			
		CHK -	-			
DIMENSIONS:		APVD SEAN HAN	10SEP2017	NAME		
mm		PRODUCT SPEC		CAGE ASSEMBLY, QSFP28, 1X4 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING, 8 LP		
		APPLICATION SPEC	108-19428	SIZE		
			114-32023	CAGE CODE		
MATERIAL		WEIGHT	-	DRAWING NO		
SEE NOTES		CUSTOMER DRAWING		A200779		
				C-2170793		
				RESTRICTED TO		
				SCALE 1:1		
				SHEET 1 OF 5		
				REV B		



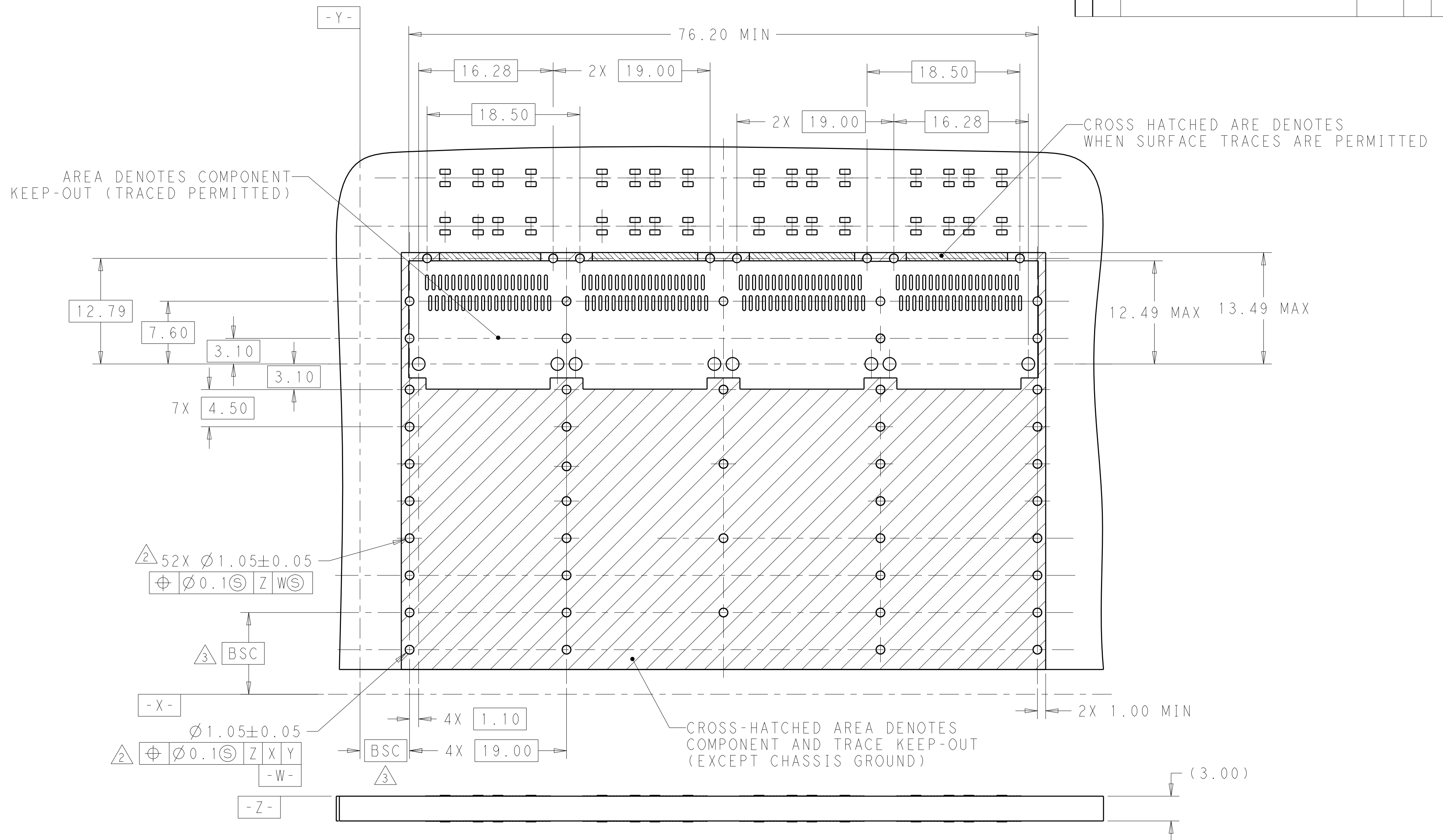
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
SINGLE SIDE MOUNTED CONFIGURATION
PCB TOLERANCE: ± 0.05
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN		9SEP2017		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		NAME	
mm		0 PLC $\pm$.25 1 PLC $\pm$ 0.2 2 PLC $\pm$.2 3 PLC $\pm$.2 4 PLC $\pm$.2 ANGLES $\pm$		SFAN HAN		CAGE ASSEMBLY, QSFP28, 1X4 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING, 8 LP	
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023		SIZE		CAGE CODE	DRAWING NO
MATERIAL		WEIGHT		A2		00779	C-2170793
SEE NOTES		SEE NOTES		CUSTOMER DRAWING		SCALE	SHEET
-		-				1:1	3 OF 5
							REV B

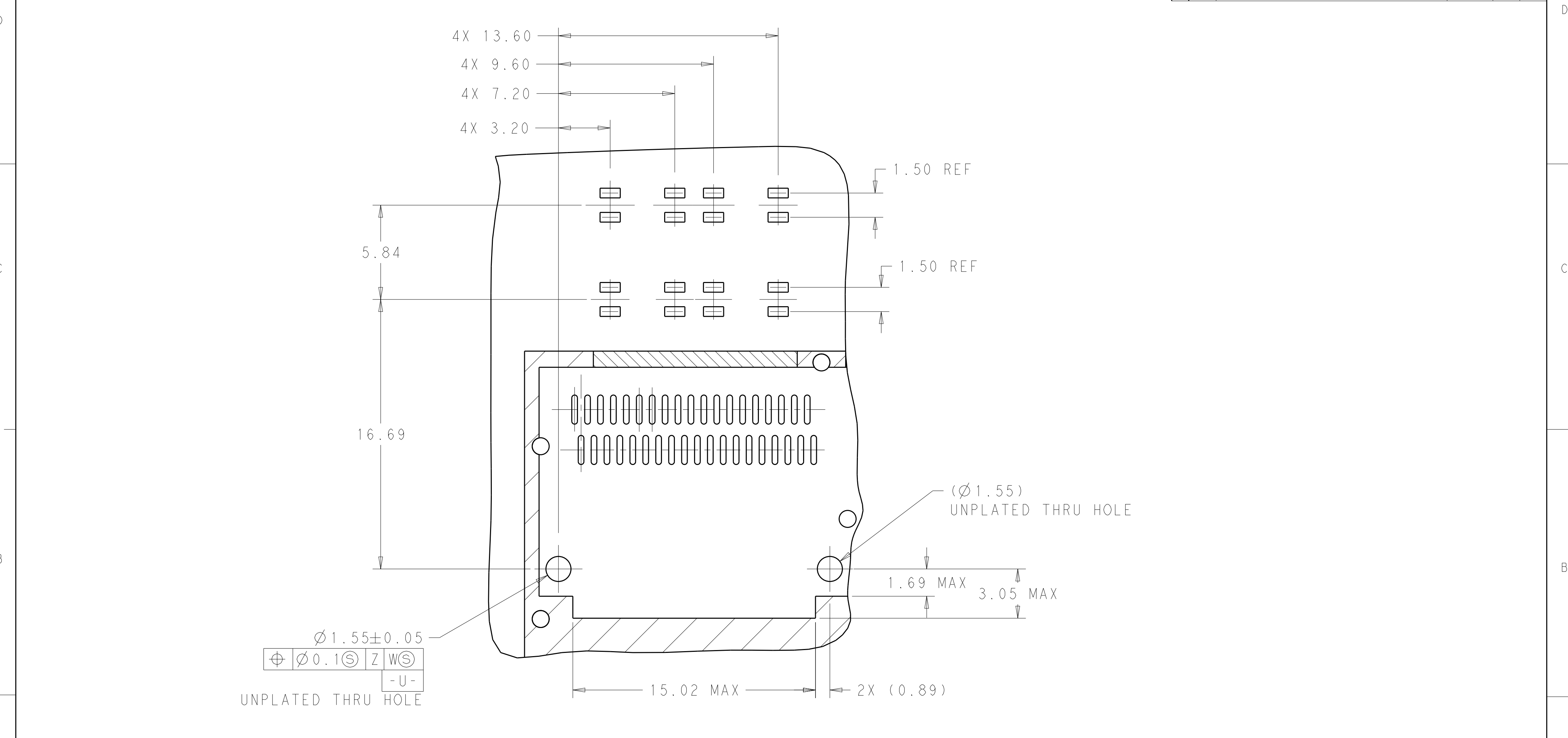
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
BELLY TO BELLY MOUNTED CONFIGURATION
PCB TOLERANCE: ± 0.05
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ROBERT GAN		9SEP2017		TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN		NAME CAGE ASSEMBLY, QSFP28, 1X4 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING, 8 LP	
		108-19428 APPLICATION SPEC 114-32023		SIZE A2		CAGE CODE 00779	
MATERIAL SEE NOTES		FINISH SEE NOTES		DRAWING NO C-2170793		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 1:1		SHEET 4 OF 5	
						REV B	

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



DETAIL A
RECOMMENDED CONNECTOR LAYOUT
(APPLIES TO ALL PCB LAYOUTS)
4X INDIVIDUALLY
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.25

2 PLC ±0.2

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

MATERIAL

SEE NOTES

-

DWN ROBERT GAN 9SEP2017

CHK -

APVD SEAN HAN 10SEP2017

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

CAGE ASSEMBLY, QSFP28, 1X4 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, SPRING, 8 LP

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-2170793

RESTRICTED TO

-

SCALE

1:1

SHEET

5

OF

5

REV

B