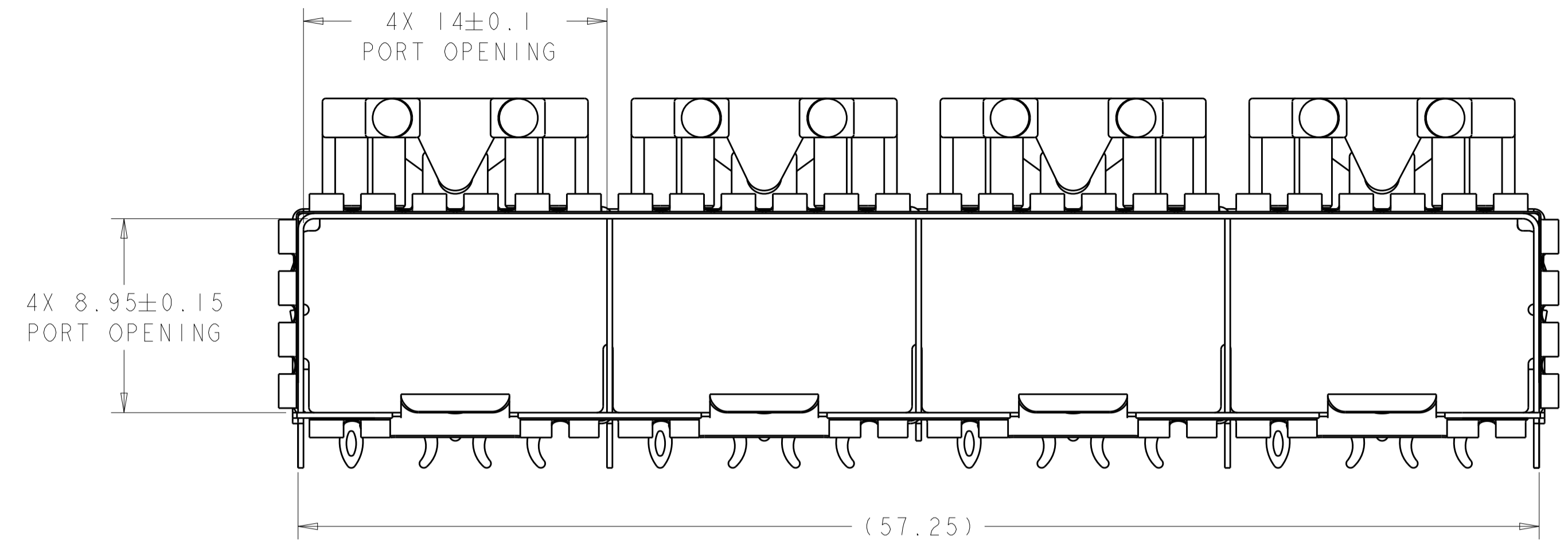
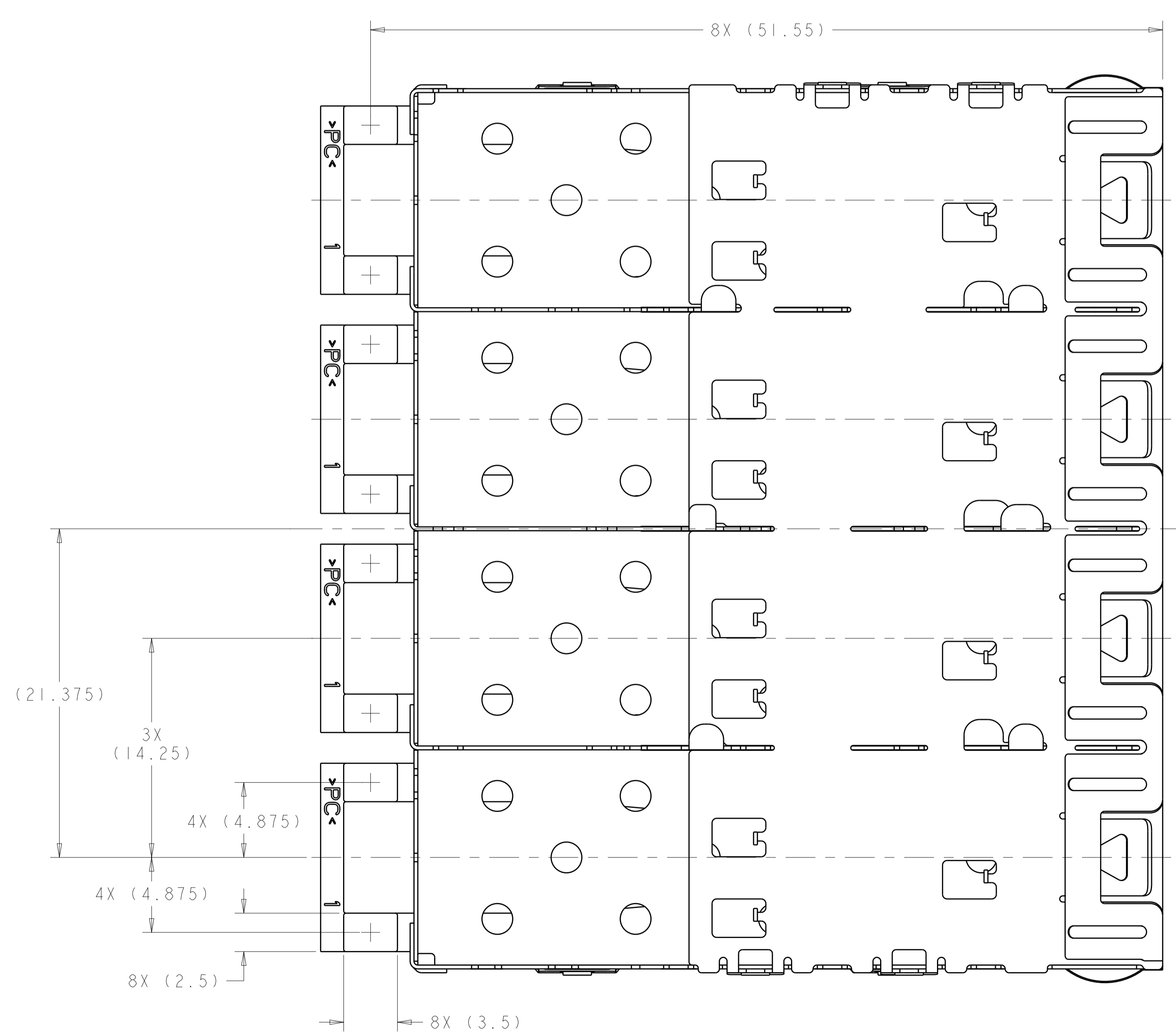
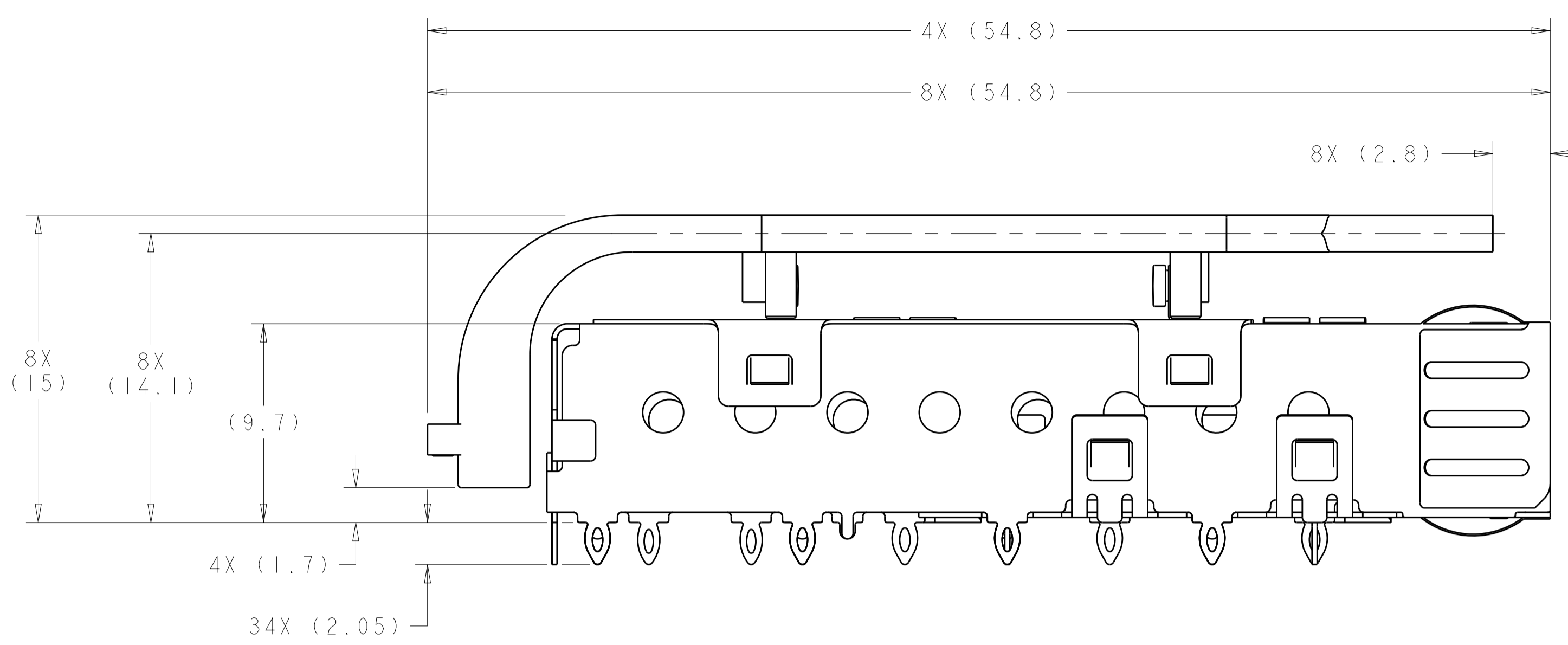
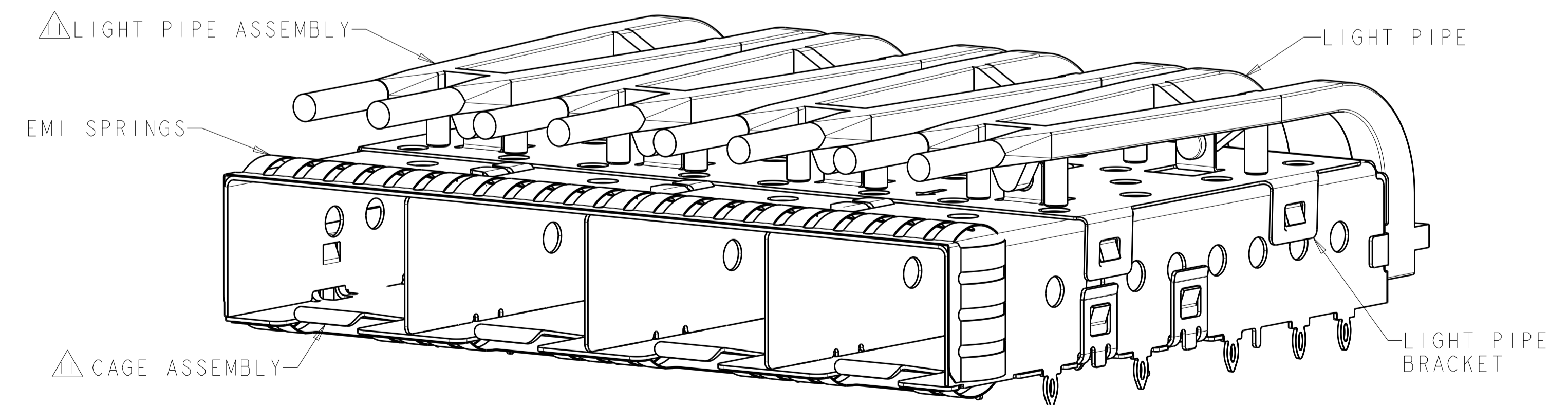


LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED PER ECO-14-000529	14JAN2014	JZ	SH



- △ MATERIAL:
 CAGE ASSEMBLY: NICKEL SILVER ALLOY
 EMI SPRINGS: COPPER ALLOY
 LIGHT PIPE BRACKET: STAINLESS STEEL
 LIGHT PIPE: POLYCARBONATE, CLEAR
- △ FINISH:
 SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
 NON-PLATED EDGES PERMISSIBLE.
- △ PADS AND VIAS CHASSIS GROUND.
- △ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 5. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 6. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- △ REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- △ REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- △ HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- △ MINIMUM PCB THICKNESS:
 SINGLE SIDED = 1.5mm
 DOUBLE SIDED = 2.25mm
- △ LIGHT PIPE ASSEMBLY SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO THE PCB PRIOR TO ATTACHING THE LIGHT PIPE ASSEMBLY TO THE CAGE.
- 12. CERTAIN MATING TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.

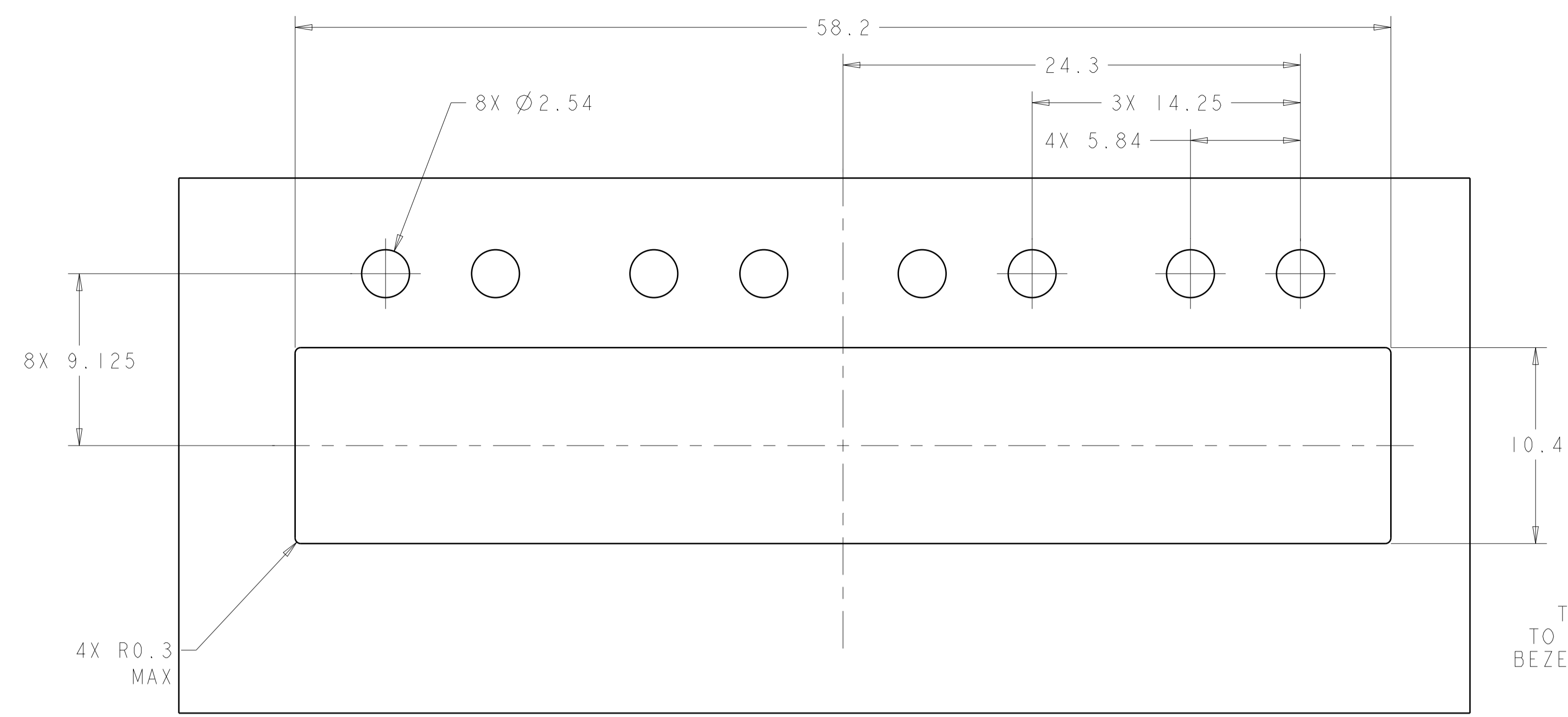


2110069-1
 SCALE 4:1

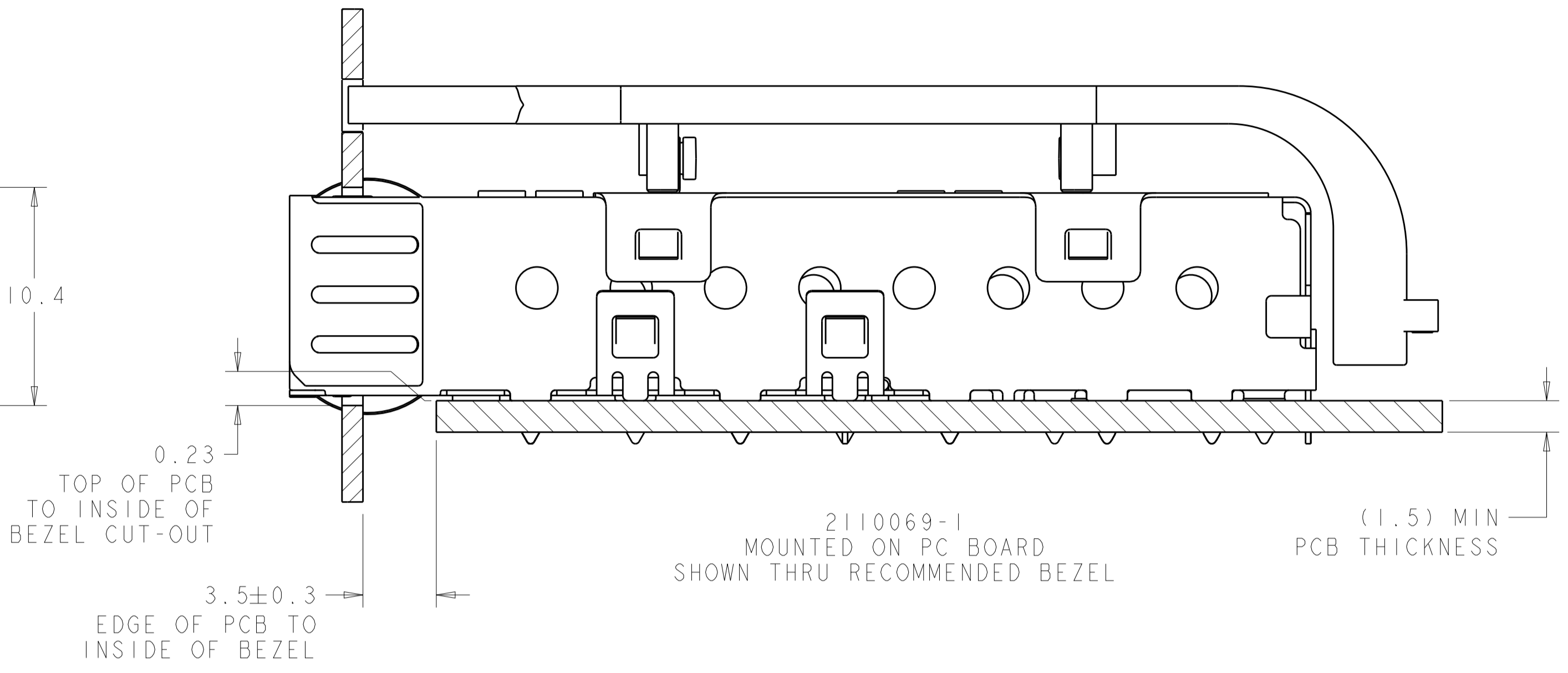
2110069-1
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JZ	M. BEAM	16JAN2009
DIMENSIONS:		CHK	M	R. SCHM	16JAN2009
mm		APVD	R. H. WERTZ	16JAN2009	NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±0.1		108-2364			
1 PLC ±0.1		APPLICATION SPEC			
2 PLC ±0.1		114-13120			
3 PLC ±0.1		SIZE			
4 PLC ±0.1		CAGE CODE			
ANGLES ±0.1		DRAWING NO			
FINISH		RESTRICTED TO			
MATERIAL		A100779C=2110069			
Customer Drawing		SCALE 5:1 SHEET 1 OF 4 REV A			

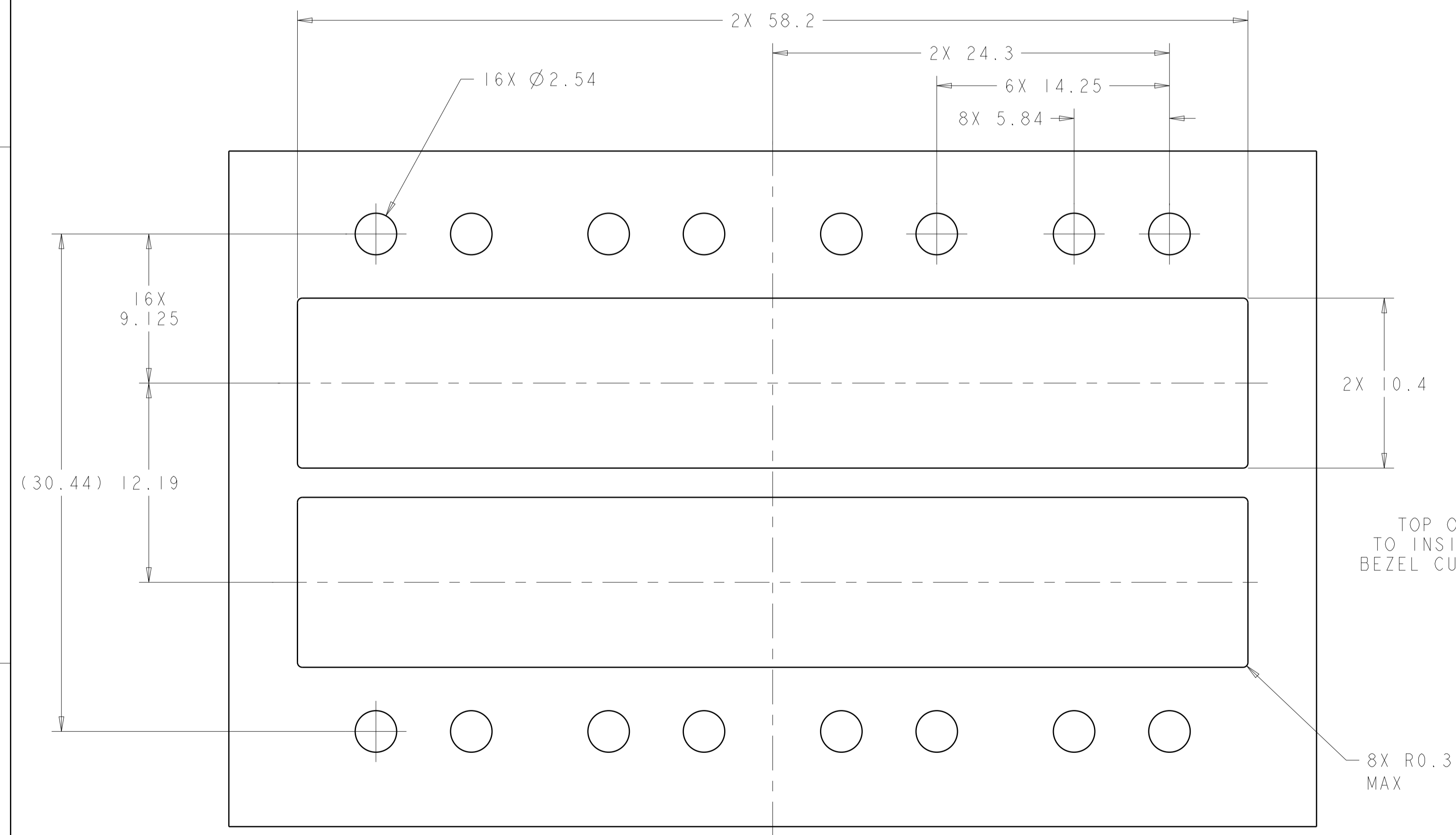
LOC	DIST	REVISIONS				
GP	00	P	LTH	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-	-



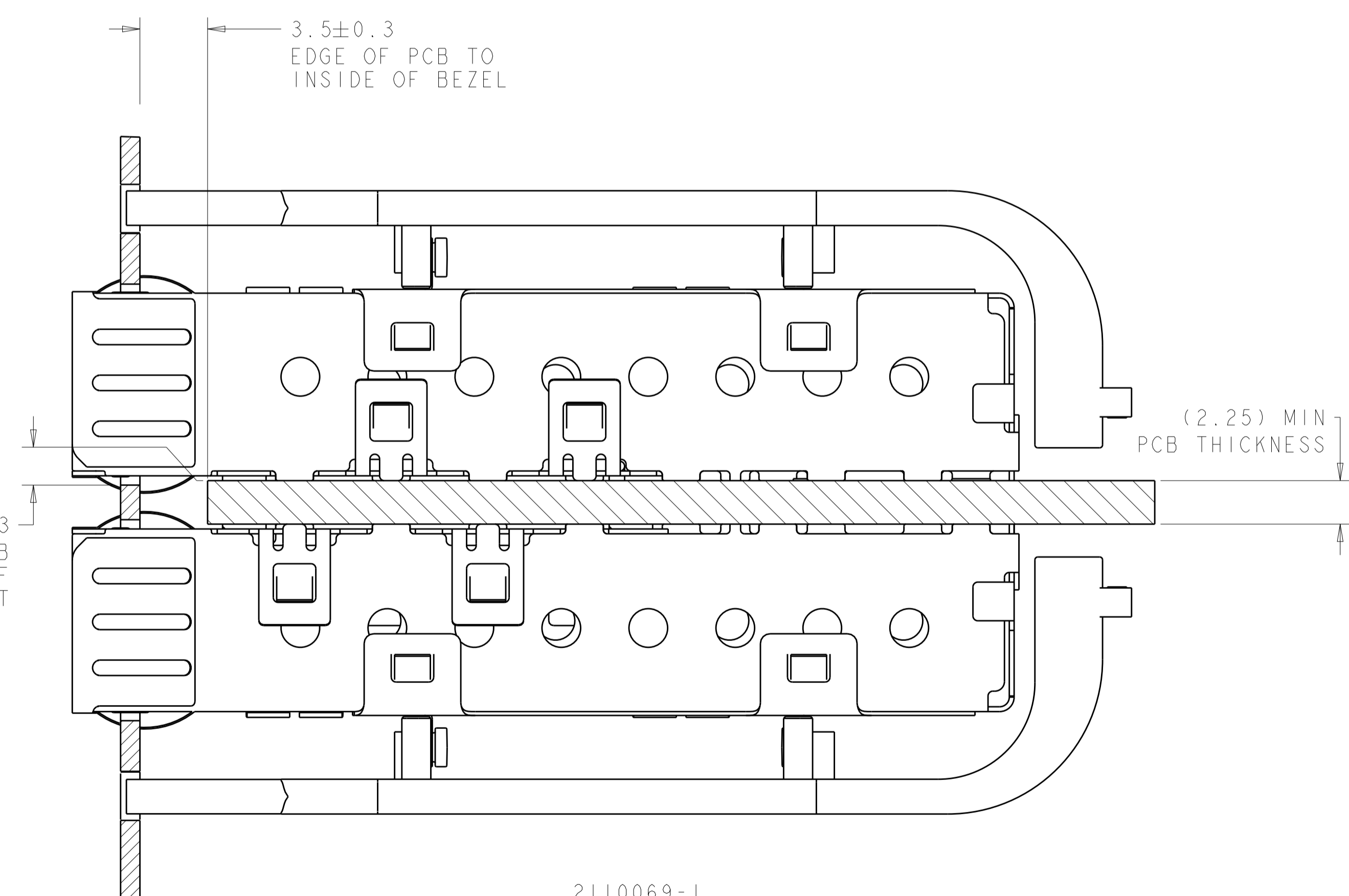
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS



2110069-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

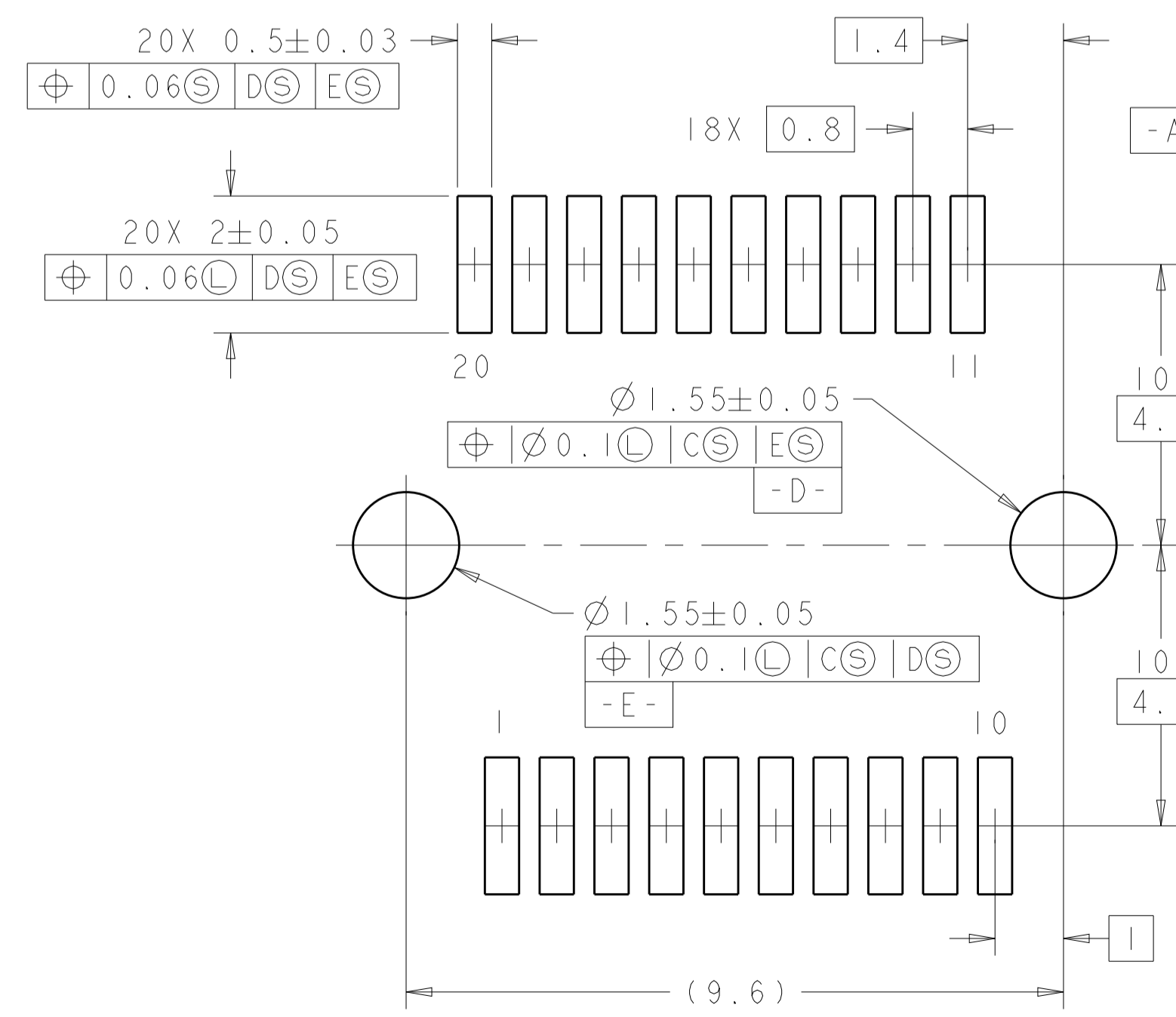
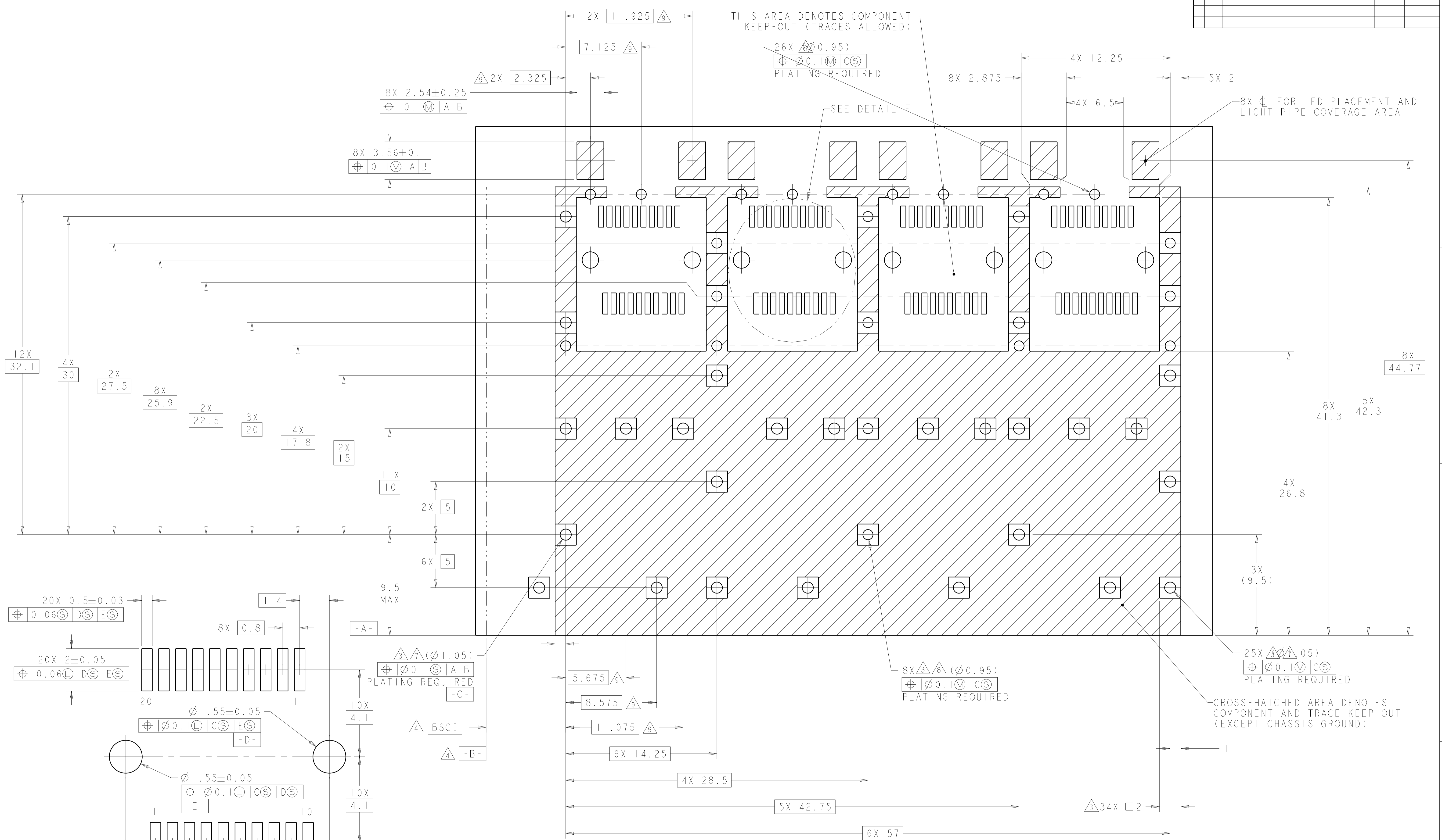


2110069-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: Z. M. BEAM 16JAN2009	 TE Connectivity
DIMENSIONS:		CHK: M. R. SCHMITT 16JAN2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: P. H. WERTZ 16JAN2009	
mm		NAME: SFP+ 1X4 CAGE ASSEMBLY	
0 PLC	±0.1	PRODUCT SPEC	108-2364
1 PLC	±0.1	APPLICATION SPEC	114-13120
2 PLC	±0.1	WEIGHT	-
3 PLC	±0.1	Customer Drawing	SCALE 5:1 SHEET 2 OF 4 REV A
4 PLC	±0.1		
ANGLES	±1°		
FINISH			

LOC	DIST	REV	DATE	BY	APPD
GP	00				

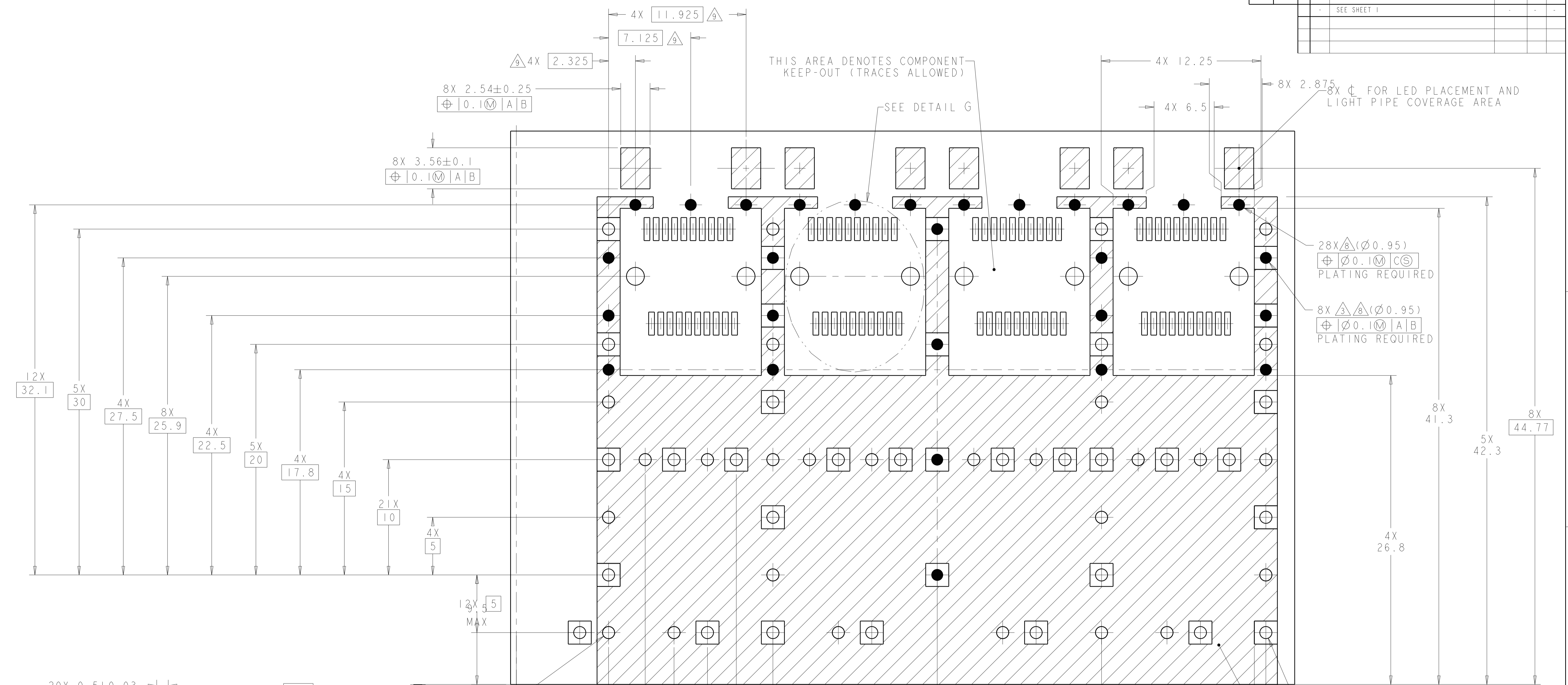
REVISIONS			
NO.	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: Z. M. REAM	16 JAN 2009	 TE Connectivity
DIMENSIONS: mm		CHK: M. R. SCHMITT	16 JAN 2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: B. H. WERTZ	16 JAN 2009	
0 PLC ± 0.1		NAME: SFP+ 1X4 CAGE ASSEMBLY		
1 PLC ± 0.1		PRODUCT SPEC: 108-2364		
2 PLC ± 0.1		APPLICATION SPEC: 114-13120		
3 PLC ± 0.1		SIZE: A1		
4 PLC ± 0.1		CAGE CODE: 2110069		
ANGLES ± 0.1		DRAWING NO: 2110069		
FINISH: ± 0.05		RESTRICTED TO: -		
MATERIAL: -		Customer Drawing		
		SCALE: 5:1		
		SHEET: 3 OF 4		
		REV: A		

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
		1	SEE SHEET 1		



THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL G

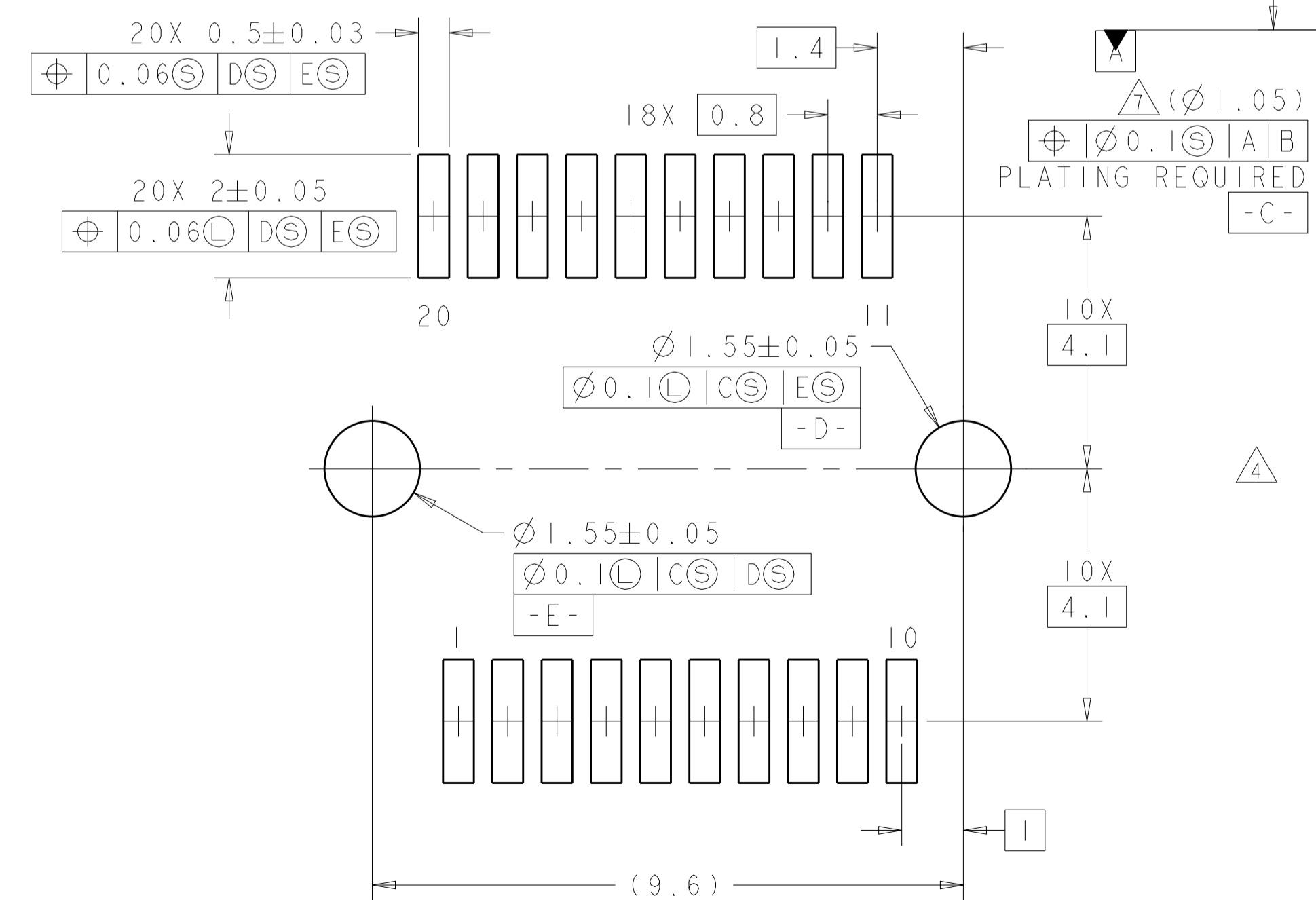
8x ∅ FOR LED PLACEMENT AND LIGHT PIPE COVERAGE AREA

28x ∅(∅0.95)
∅0.1∅ | C S
PLATING REQUIRED

8x ∅(∅0.95)
∅0.1∅ | A B
PLATING REQUIRED

51x ∅(∅0.5)
∅0.1∅ | C S
PLATING REQUIRED

CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)



DETAIL G
RECOMMENDED PT CONNECTOR LAYOUT
8X INDIVIDUALLY
SCALE 12:1

RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS BELLY TO BELLY APPLICATIONS
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: Z. M. REAM 16JAN2009	TE Connectivity
DIMENSIONS: mm		CHK: M. R. SCHMITT 16JAN2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R. H. WERTZ 16JAN2009	NAME: SFP+ 1X4 CAGE ASSEMBLY
0 PLC ±0.1		PRODUCT SPEC: 108-2364	PRESS-FIT, EXTERNAL EMI SPRINGS
1 PLC ±0.1		APPLICATION SPEC: 114-13120	W/ REDUCED LENGTH LIGHT PIPE
2 PLC ±0.1		WEIGHT: -	SIZE: A100779C=2110069
3 PLC ±0.1		Customer Drawing	RESTRICTED TO
4 PLC ±0.1		SCALE: 5:1	SHEET: 4 OF 4
ANGLES ±1°			REV: A