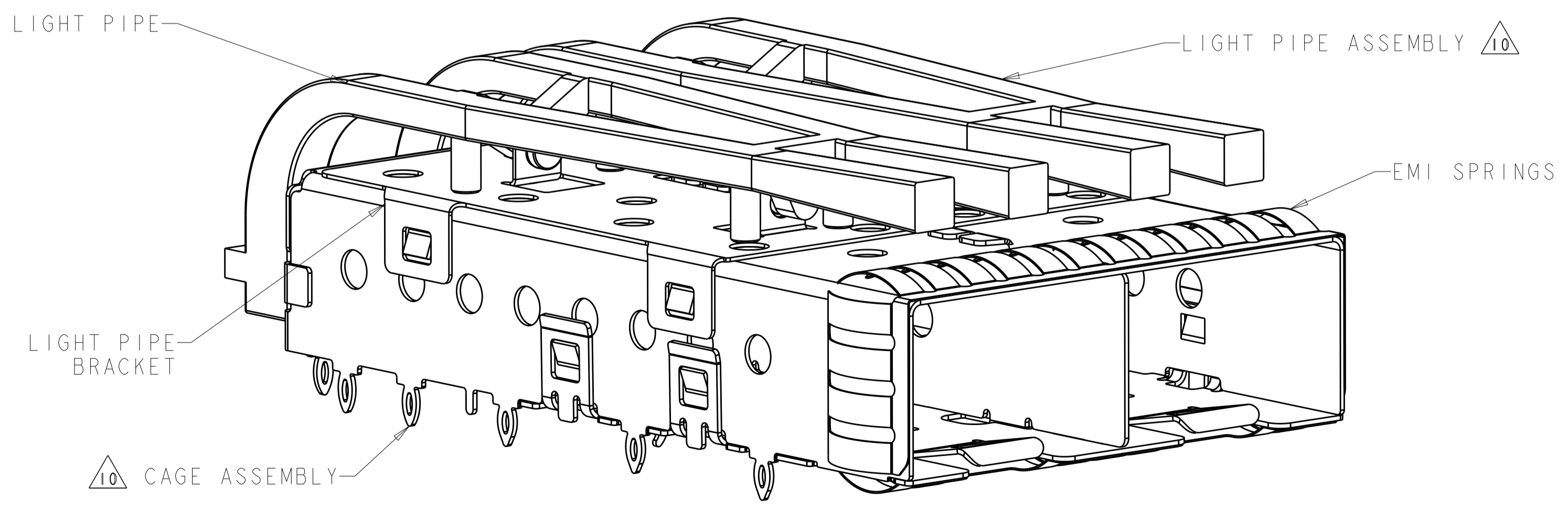
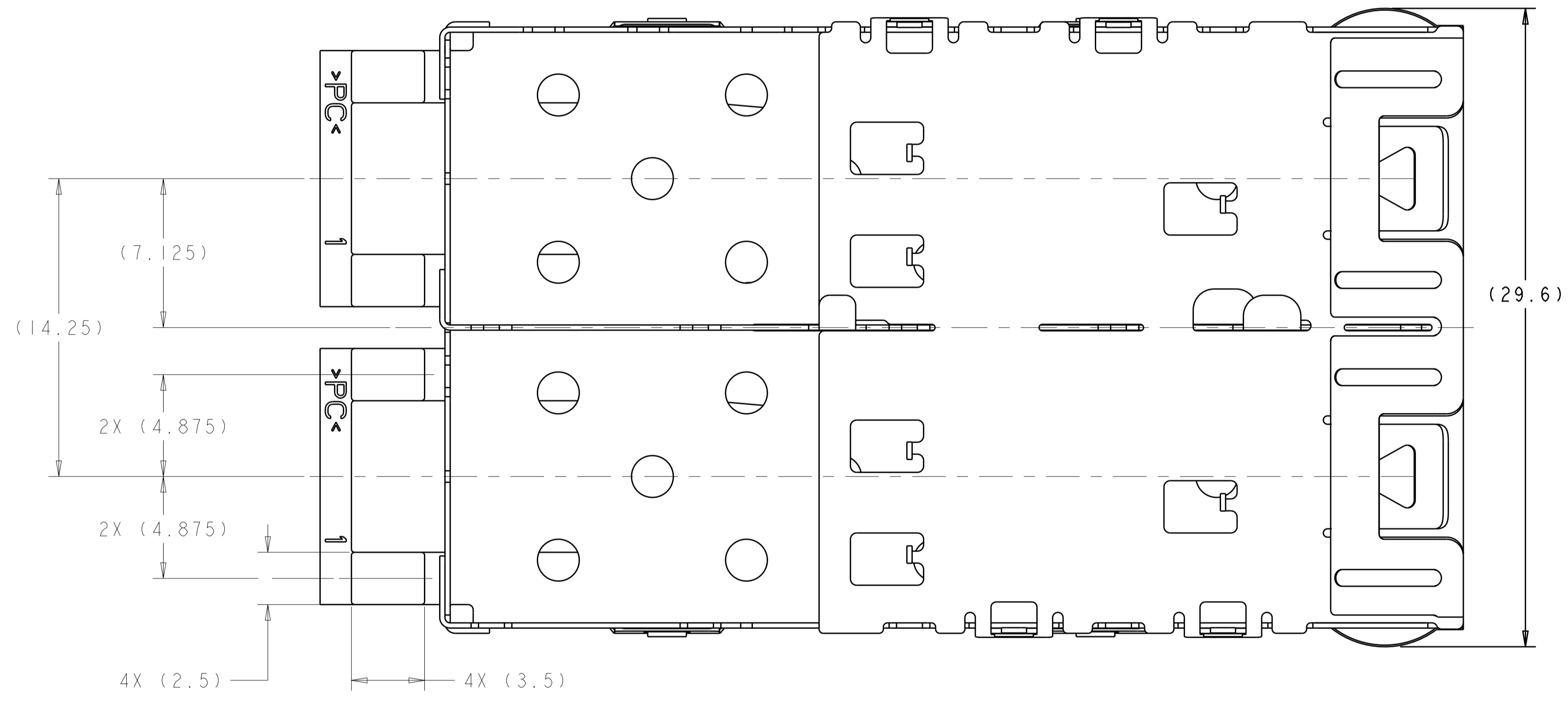
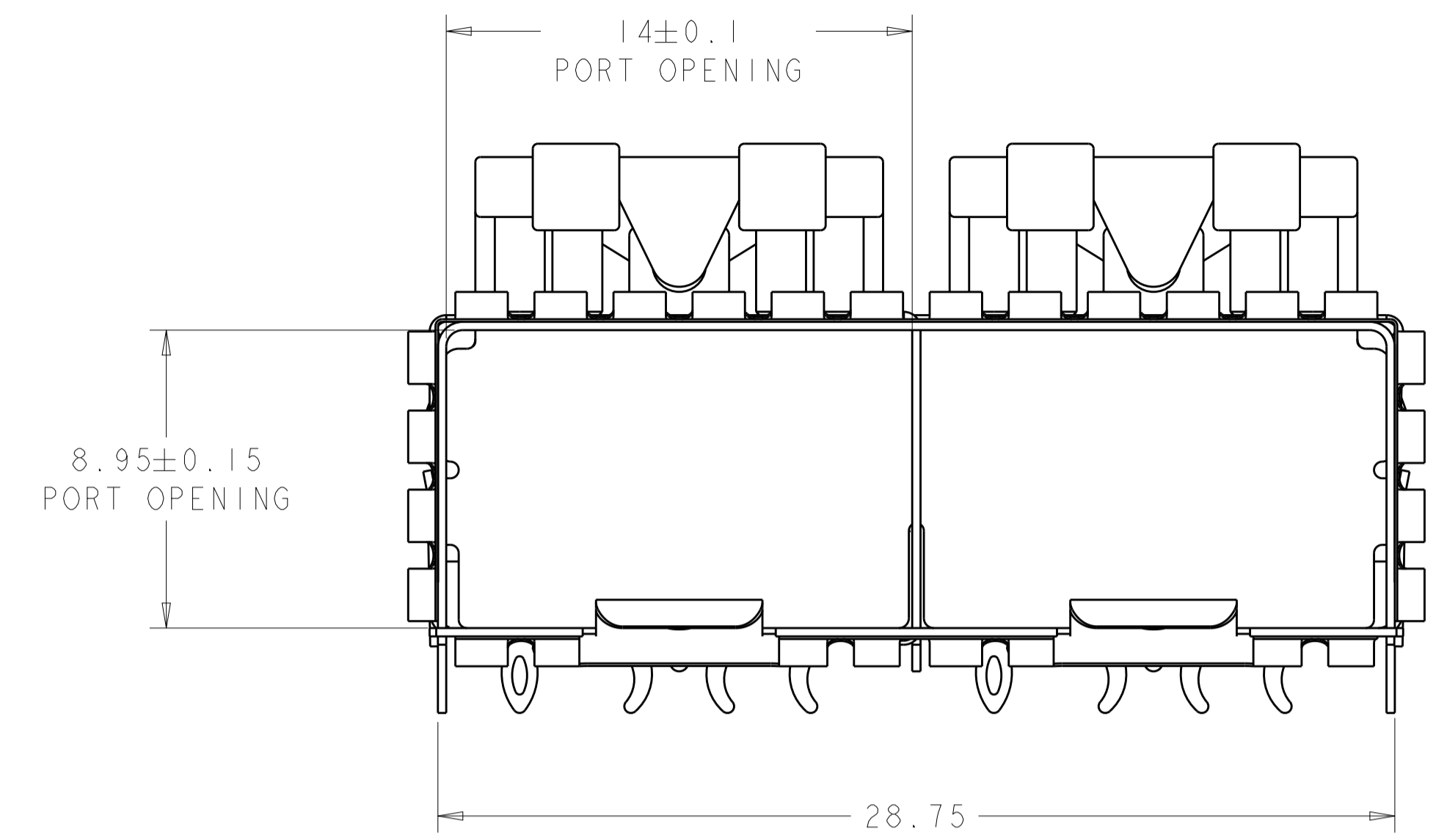
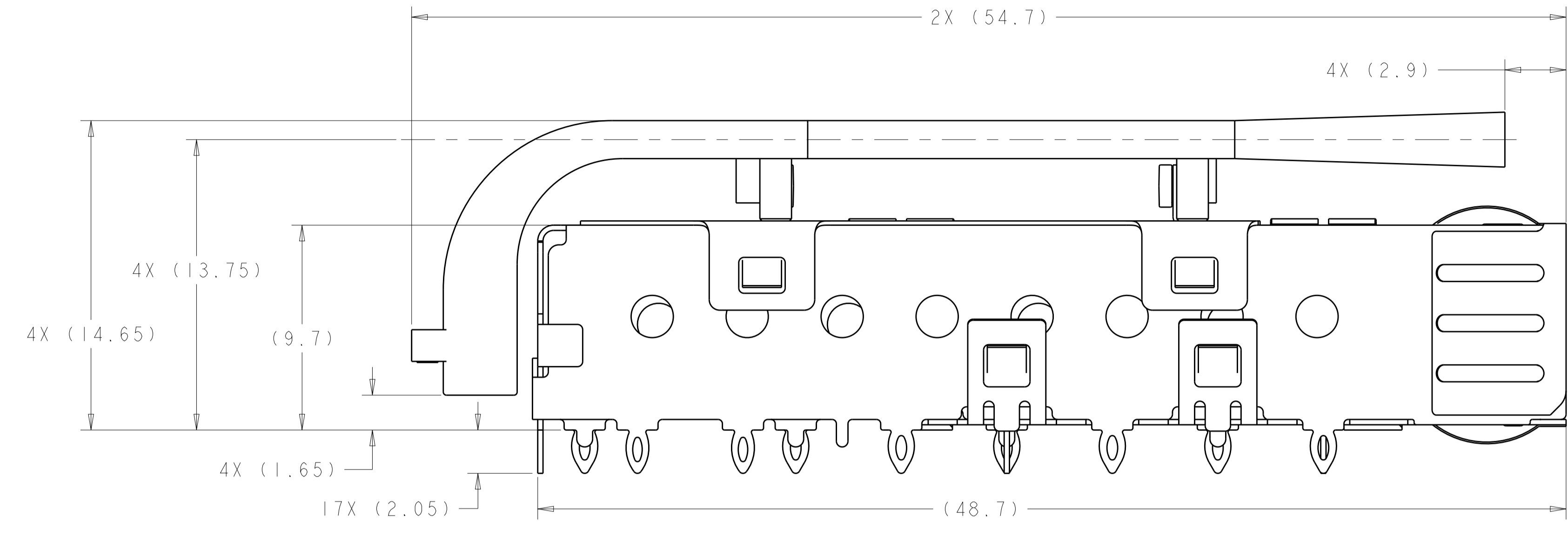


LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
GP	00	A	PRODUCTION RELEASE	29FEB2016	JW SH



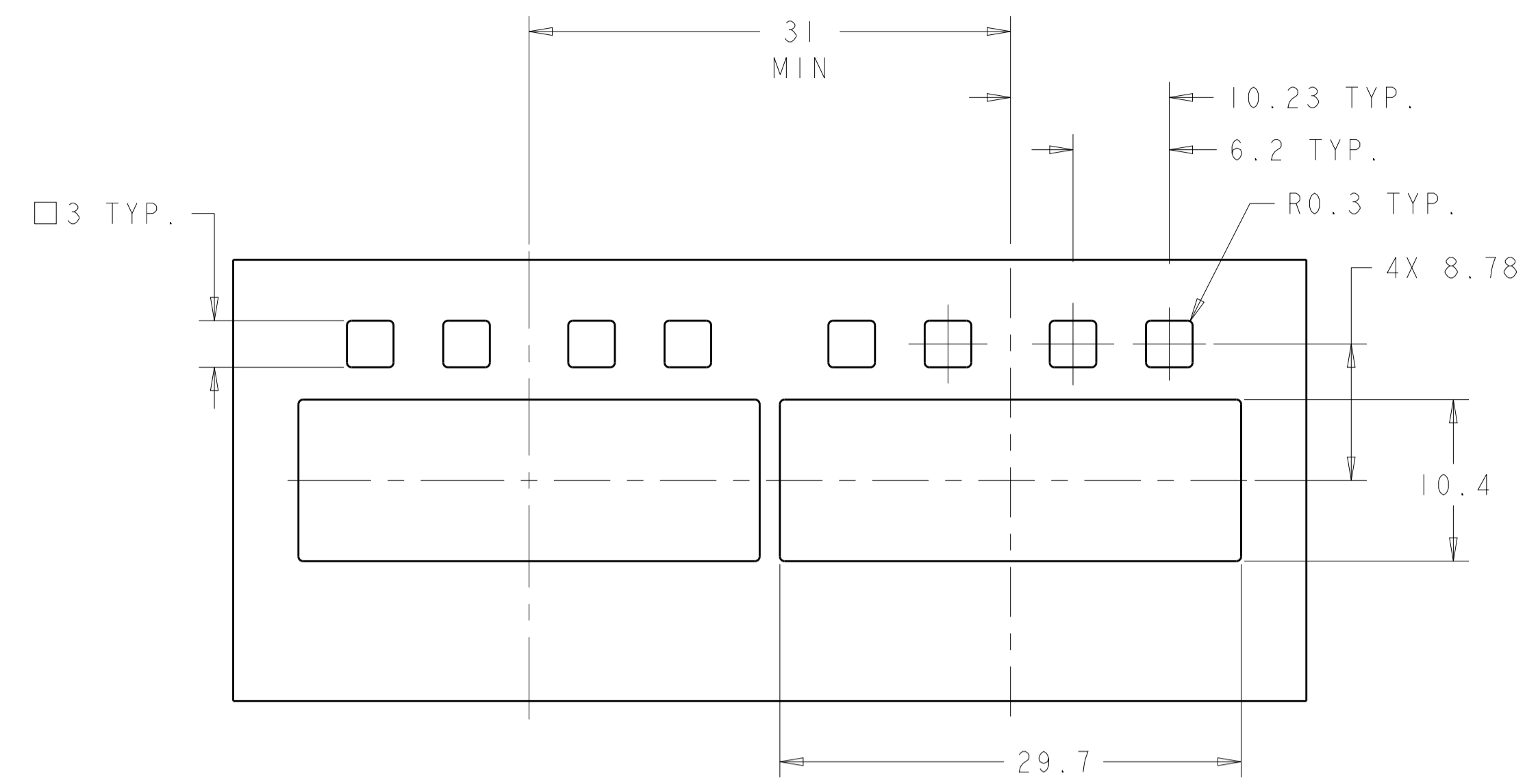
- 1. MATERIAL:
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
 LIGHT PIPE BRACKET: STAINLESS STEEL
 LIGHT PIPE: POLYCARBONATE, CLEAR
- 2. FINISH:
 SPRINGS: MINIMUM OF 0.8um MATTE TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE. NON-PLATED EDGES PERMISSIBLE.
- 3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 4. PADS AND VIAS CHASSIS GROUND.
- 5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- 6. MINIMUM PC BOARD THICKNESS:
 SINGLE SIDED = 1.50
 DOUBLE SIDED = 2.25
- 7. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- 8. REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9. REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 10. 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.
- 11. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 12. CERTAIN MATING TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.
- 13. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

2170139-1
 FINISHED ASSEMBLY
 SCALE 5:1

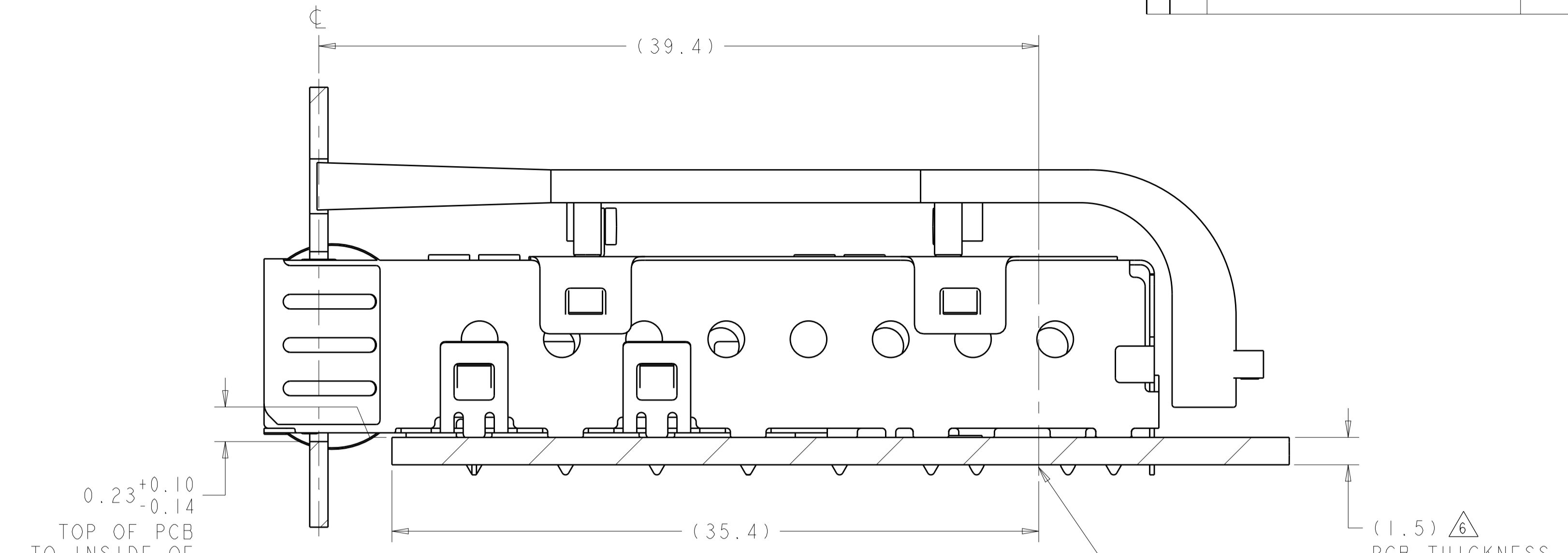
2170139-1
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 18AUG2011	TE Connectivity
DIMENSIONS: mm		CHK: C. WANG 18AUG2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: C. WANG 18AUG2011	NAME: SFP+ 1X2 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH LIGHT PIPES
0 PLC	±0.1	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC	±0.1	108-2364	RESTRICTED TO
2 PLC	±0.1	APPLICATION SPEC	A100779C=2170139
3 PLC	±0.1	114-13120	SCALE 6:1 SHEET 1 OF 4 REV A
4 PLC	±0.1	WEIGHT	
ANGLES	±1°	CUSTOMER DRAWING	
MATERIAL			
FINISH			

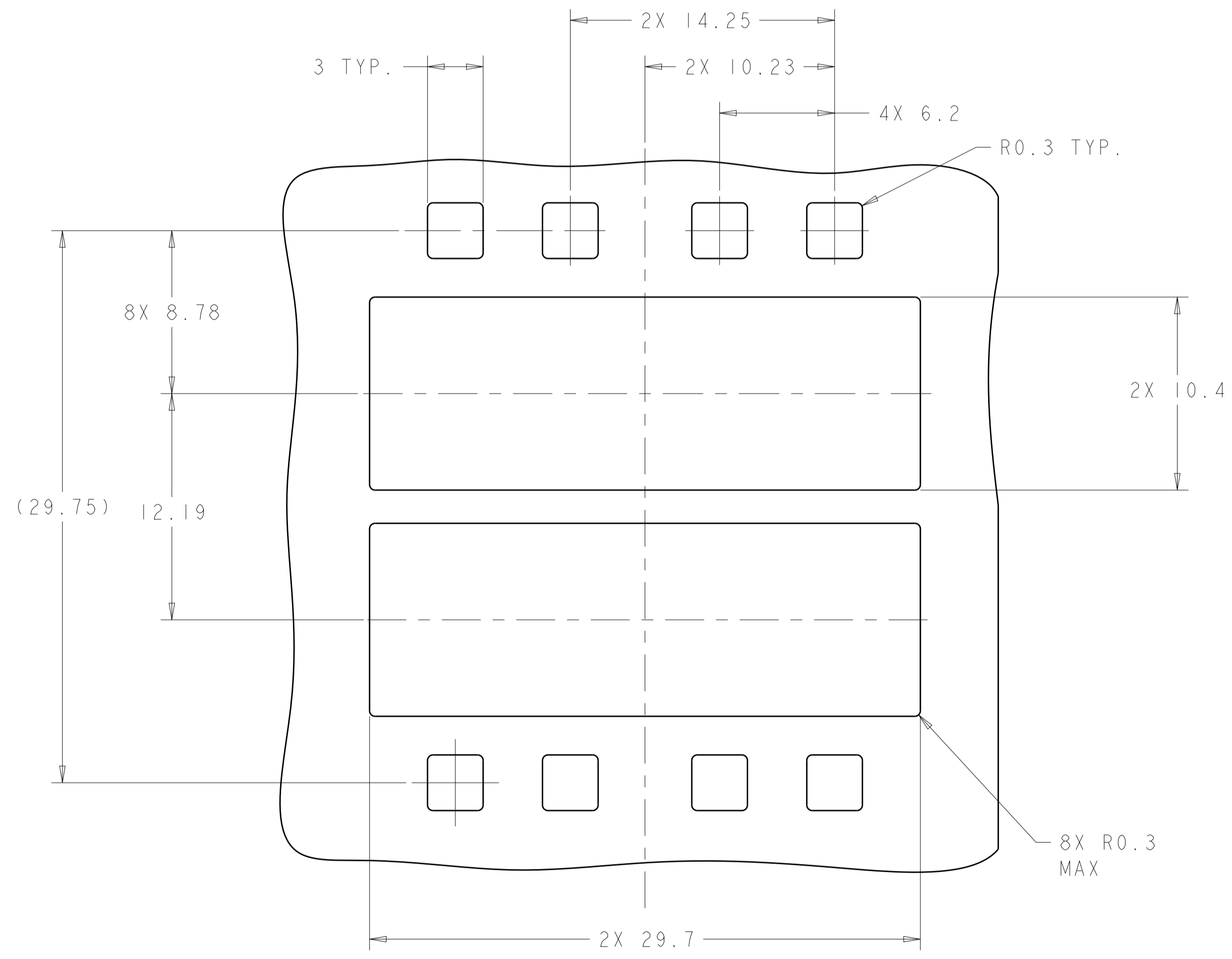
LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



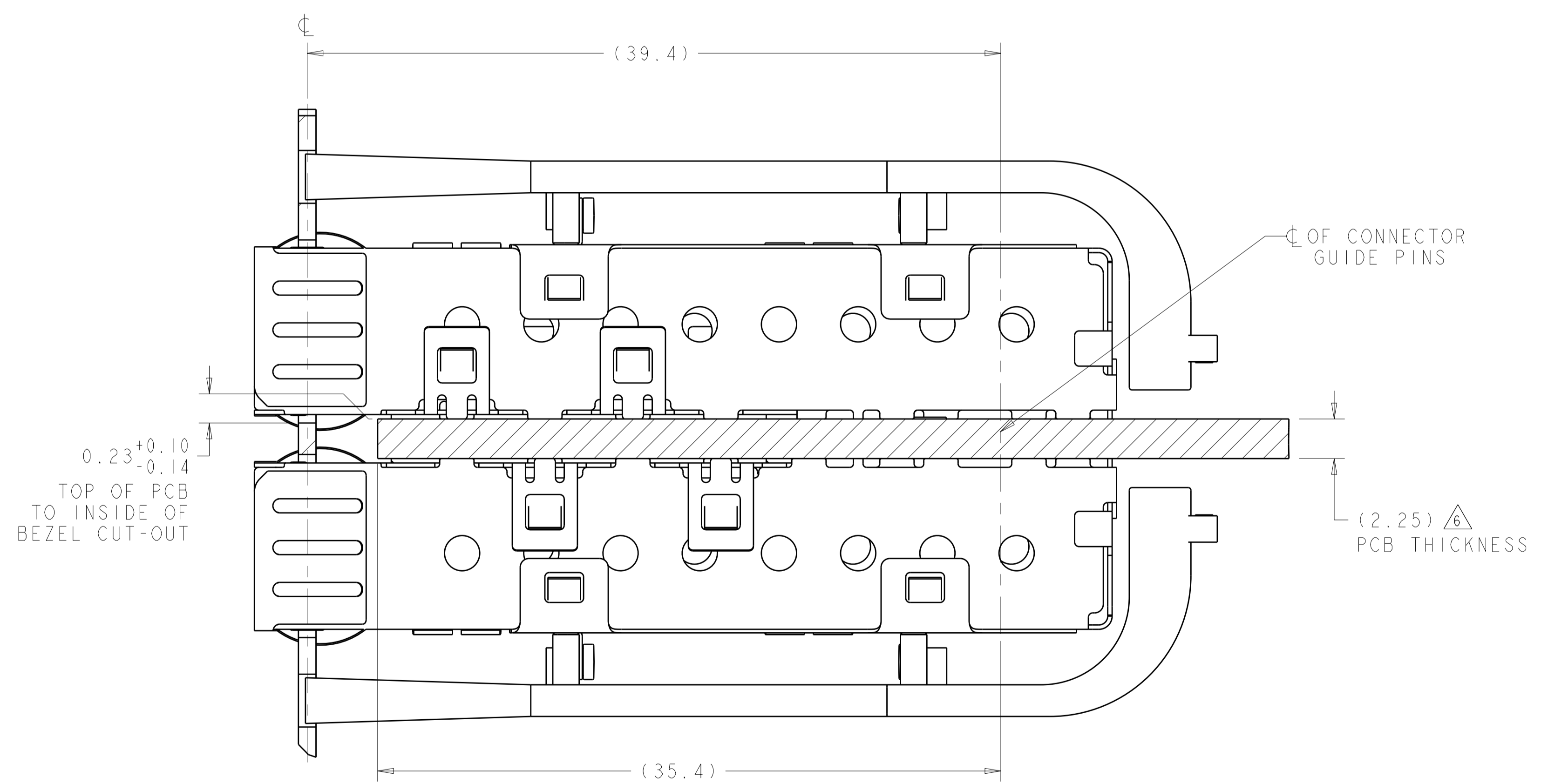
RECOMMENDED BEZEL CUT-OUT
 SINGLE SIDED APPLICATIONS
 SCALE 3:1



2170139-1
 MOUNTED ON PCB
 SHOWN THRU RECOMMENDED BEZEL
 SCALE 5:1

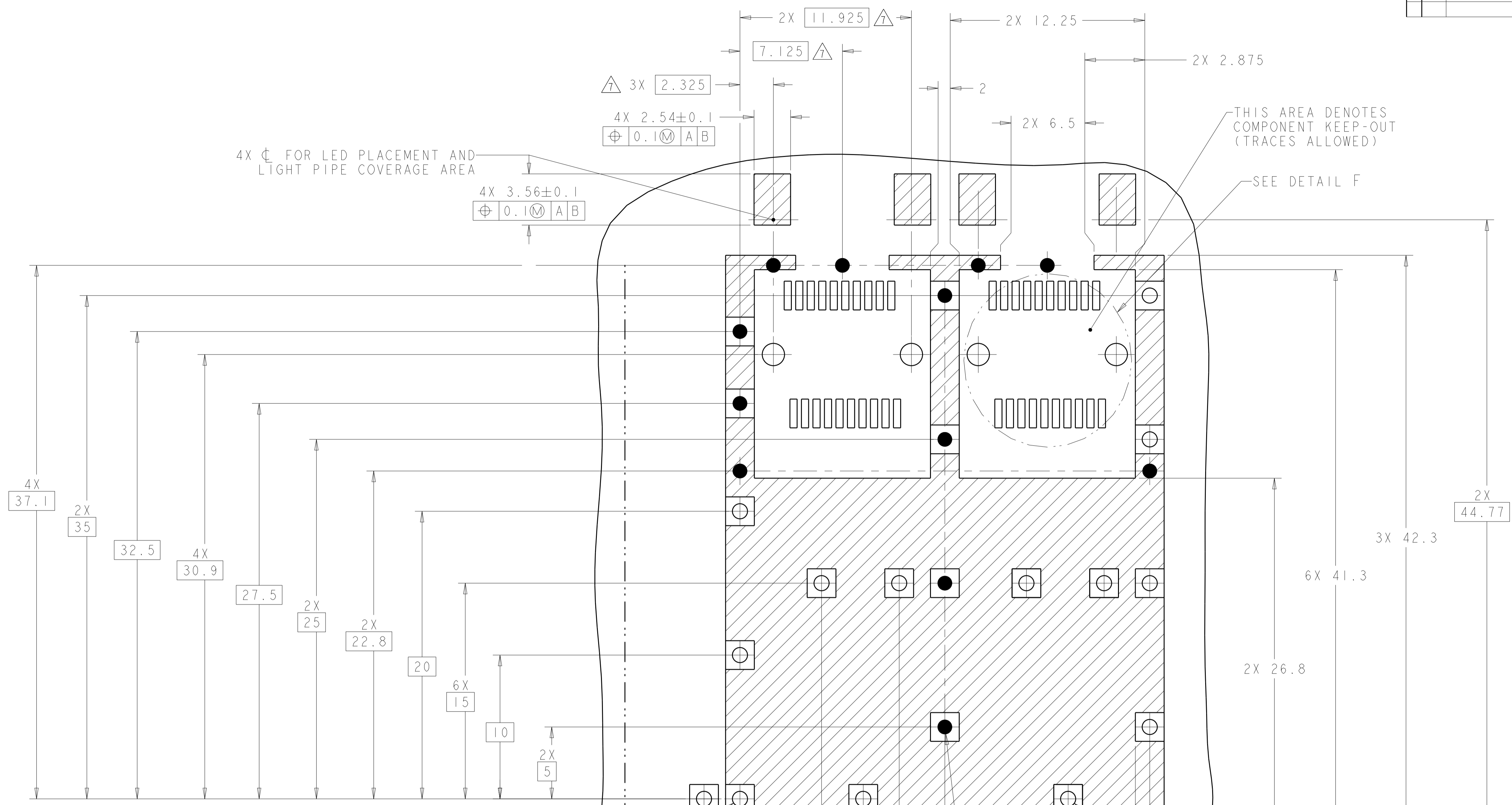


RECOMMENDED BEZEL CUT-OUT
 BELLY TO BELLY APPLICATIONS
 SCALE 5:1



2170139-1
 MOUNTED BELLY TO BELLY ON PCB
 SHOWN THRU RECOMMENDED BEZEL
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 18AUG2011	TE Connectivity
DIMENSIONS:		CHK C. WANG 18AUG2011	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD C. WANG 18AUG2011	NAME SFP+ 1X2 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH LIGHT PIPES
	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1 FINISH ±1°	PRODUCT SPEC 108-2364	SIZE A100779
MATERIAL		APPLICATION SPEC 114-13120	DRAWING NO C=2170139
		WEIGHT	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 6:1 SHEET 2 OF 4 REV A



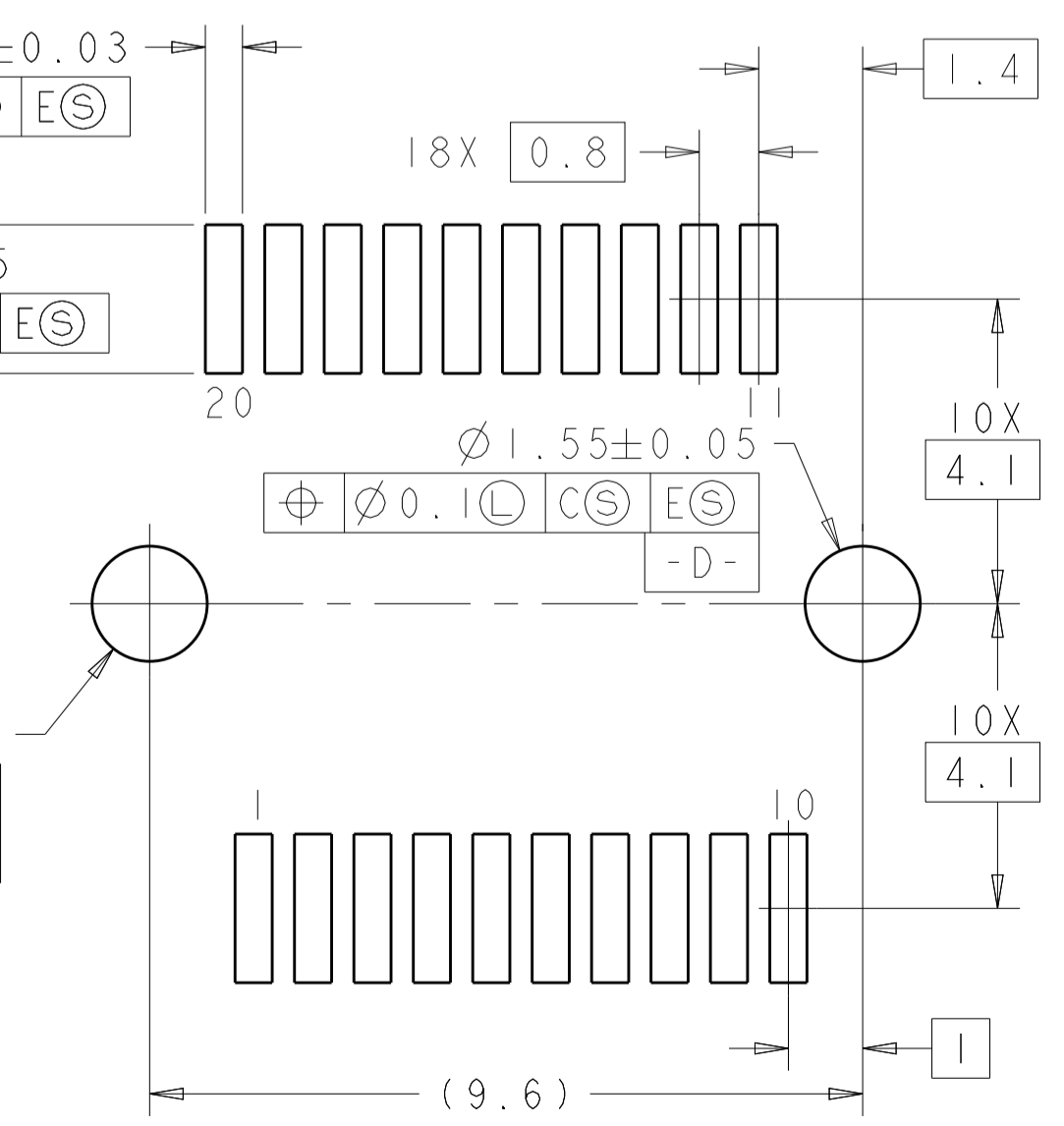
4X Ø FOR LED PLACEMENT AND LIGHT PIPE COVERAGE AREA

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL F

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

RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS SINGLE SIDED APPLICATION Δ 6



DETAIL F
RECOMMENDED PT CONNECTOR LAYOUT
2X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN TIM XUE 18AUG2011	TE Connectivity
DIMENSIONS:			CHK C. WANG 18AUG2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APRD C. WANG 18AUG2011	
mm	0 PLC	±0.1	PRODUCT SPEC	
	1 PLC	±0.1	108-2364	
	2 PLC	±0.1	APPLICATION SPEC	
	3 PLC	±0.1	114-13120	
	4 PLC	±0.1	114-13120	
	ANGLES	±1°		
MATERIAL				RESTRICTED TO
FINISH			SCALE 6:1	
CUSTOMER DRAWING			SIZE CAGE CODE DRAWING NO	
			A100779C=2170139	
			SHEET 3 OF 4	REV A