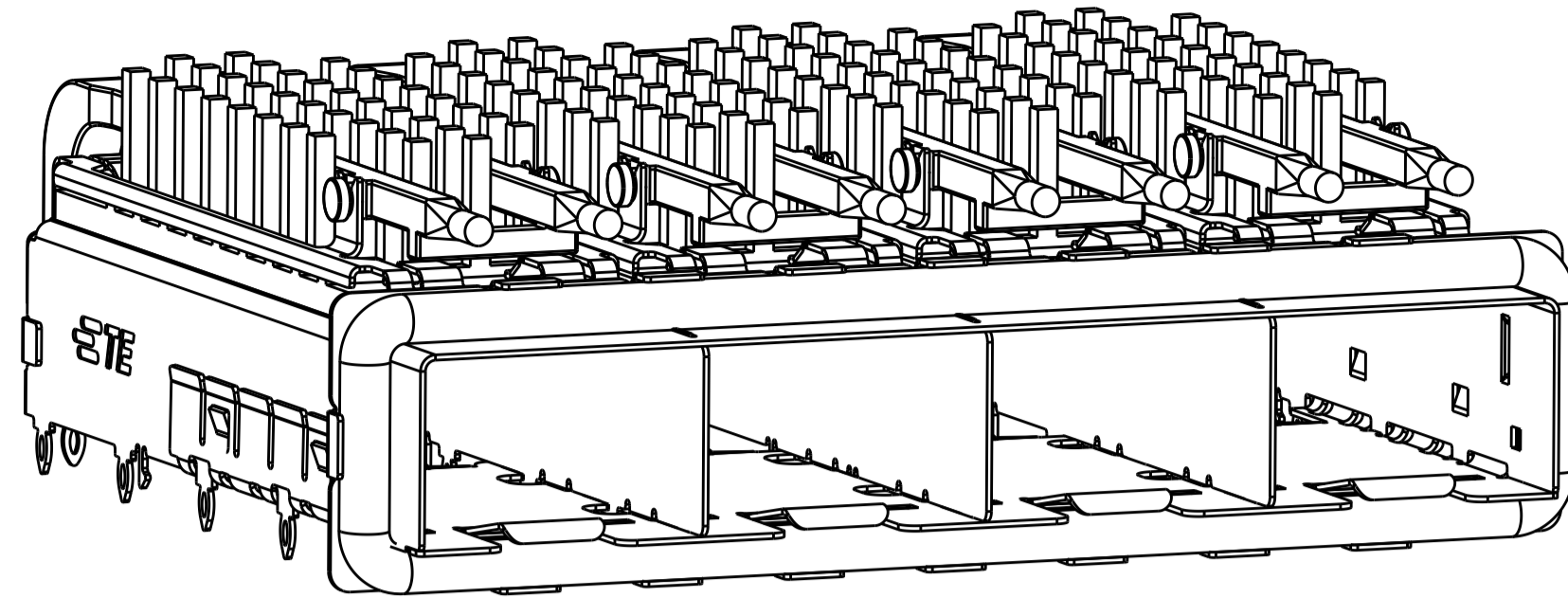


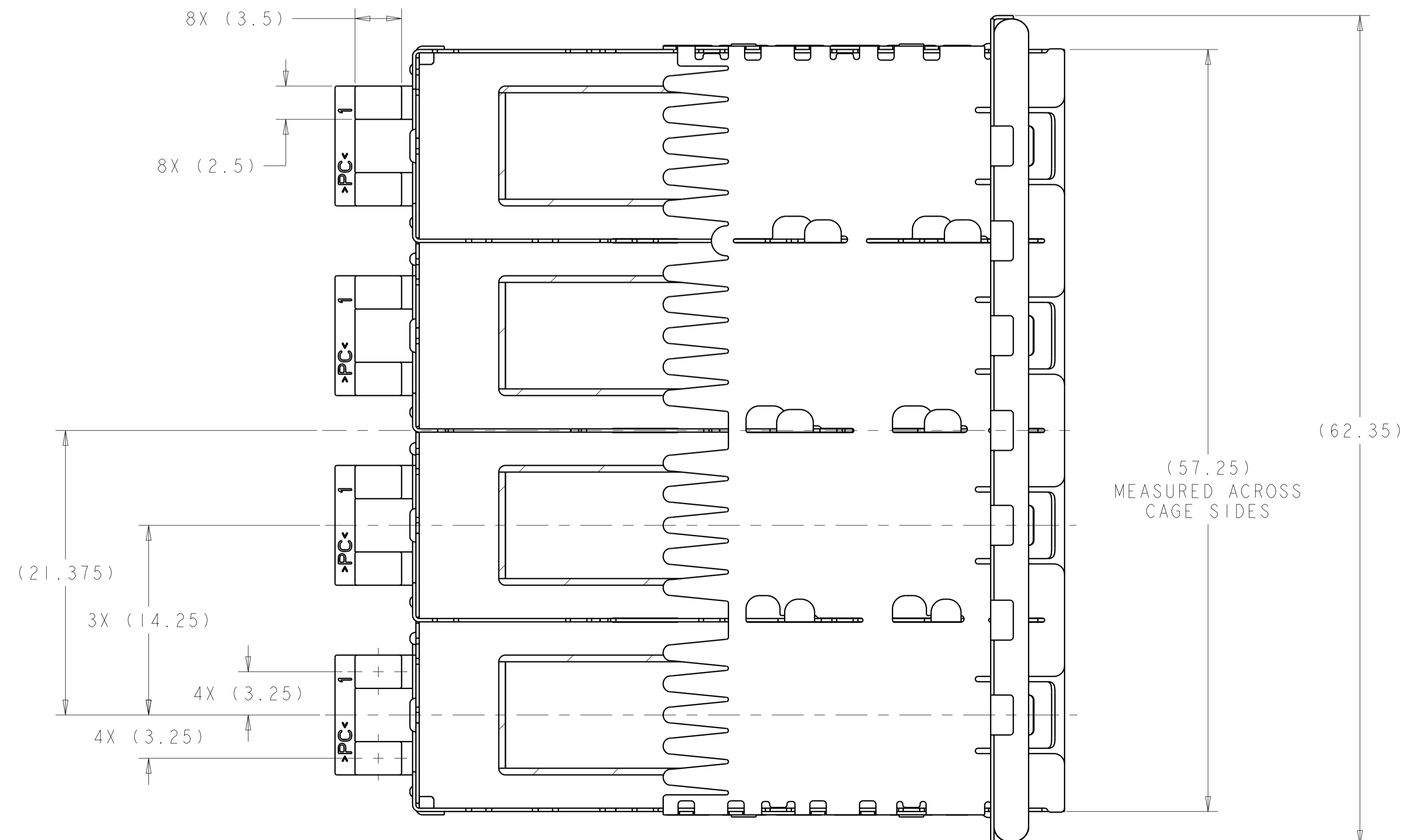
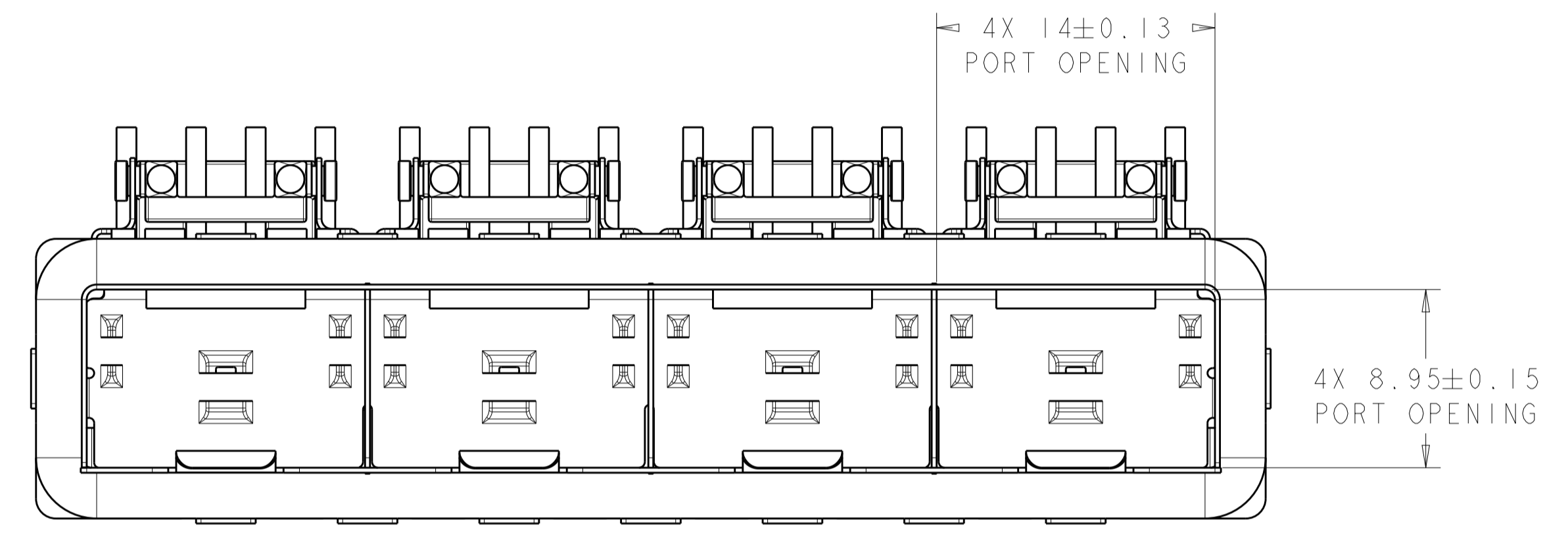
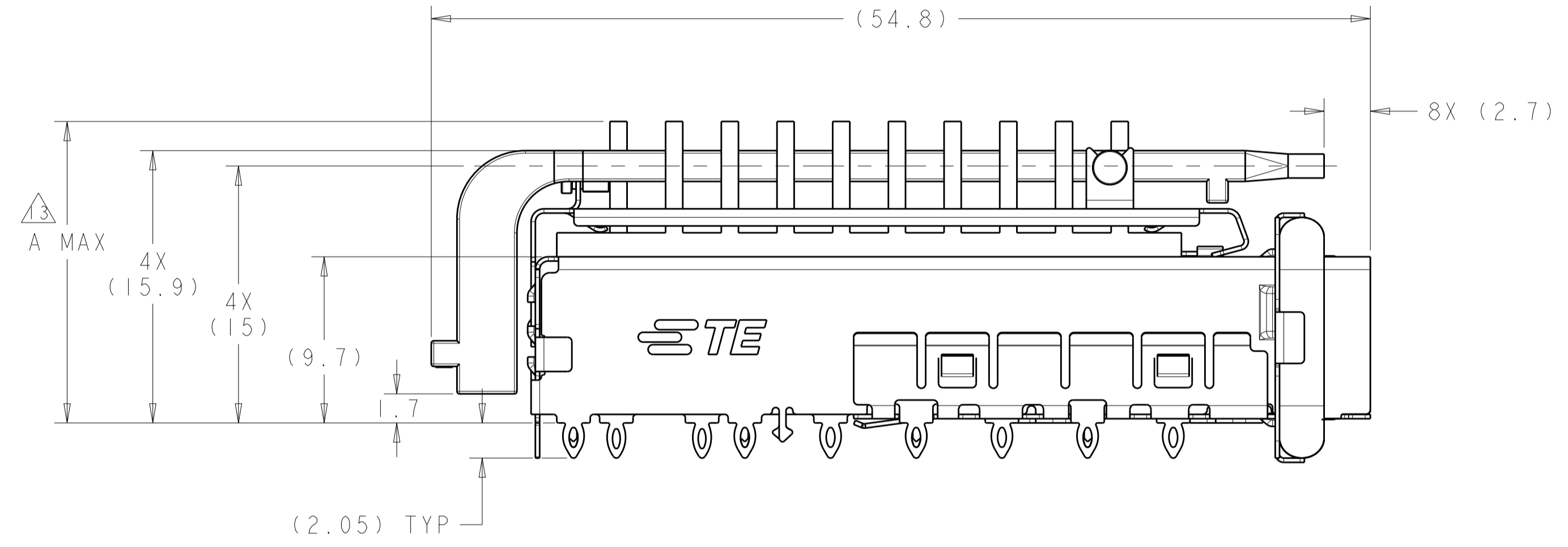
LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		A		RELEASED PER ECO-12-013192	09OCT2012	BMM	MRS



2198242  
 FINISHED ASSEMBLY  
 SCALE 3:1

- 1 MATERIAL:  
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY  
 GASKET RETENTION PLATE: STAINLESS STEEL  
 EMI GASKET: PLATED FILLED SILICONE  
 HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL  
 HEATSINK: ALUMINUM  
 LIGHTPIPE: POLYCARBONATE, CLEAR
- 2 FINISH:  
 HEATSINK: ELECTROLEISS NICKEL  
 HEATSINK/LIGHTPIPE CLIP: PASSIVATE
- 3 PADS AND VIAS CHASSIS GROUND.
- 4 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.
- 7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

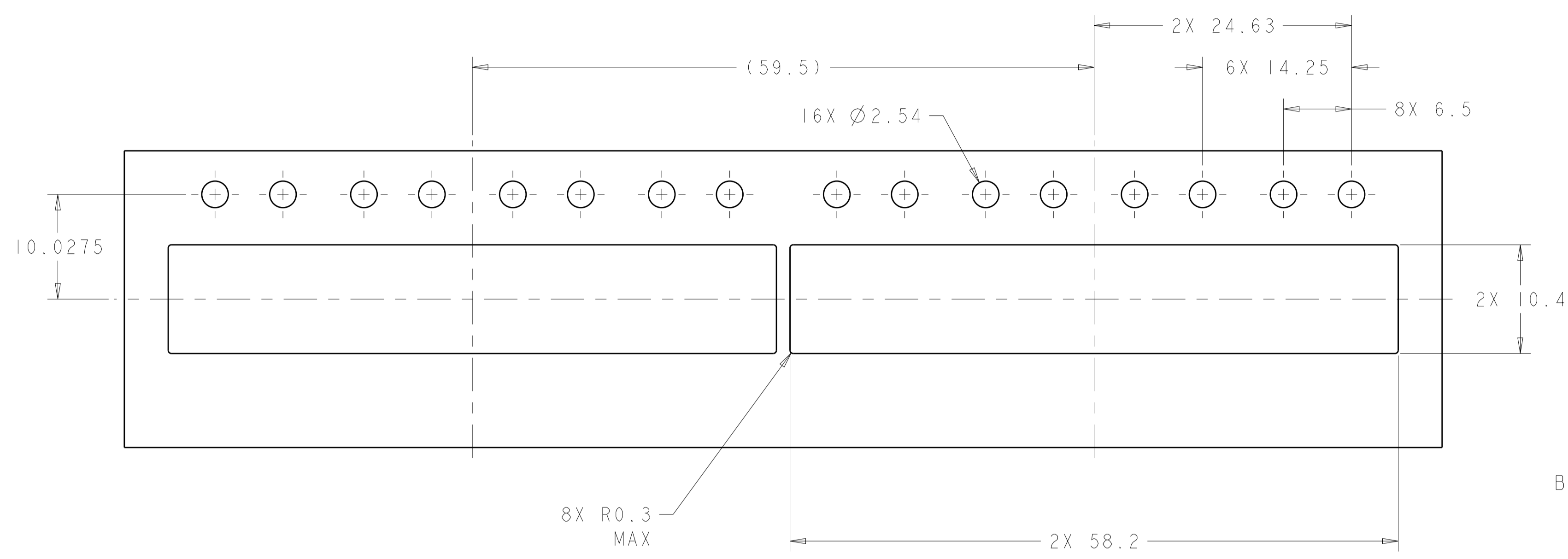
- 10 MINIMUM PC BOARD THICKNESS:  
 SINGLE SIDED: 1.5mm
- 11. CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.
- 12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
- 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- 14 HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.
- 15 PACKAGED AS A COMPLETE ASSEMBLY.



22.5	NETWORKING, TALL	2198242-4
18.1	NETWORKING, SHORT	2198242-3
15.5	SAN	2198242-2
13.2	PCI	2198242-1
A MAX	APPLICATION	PART NUMBER

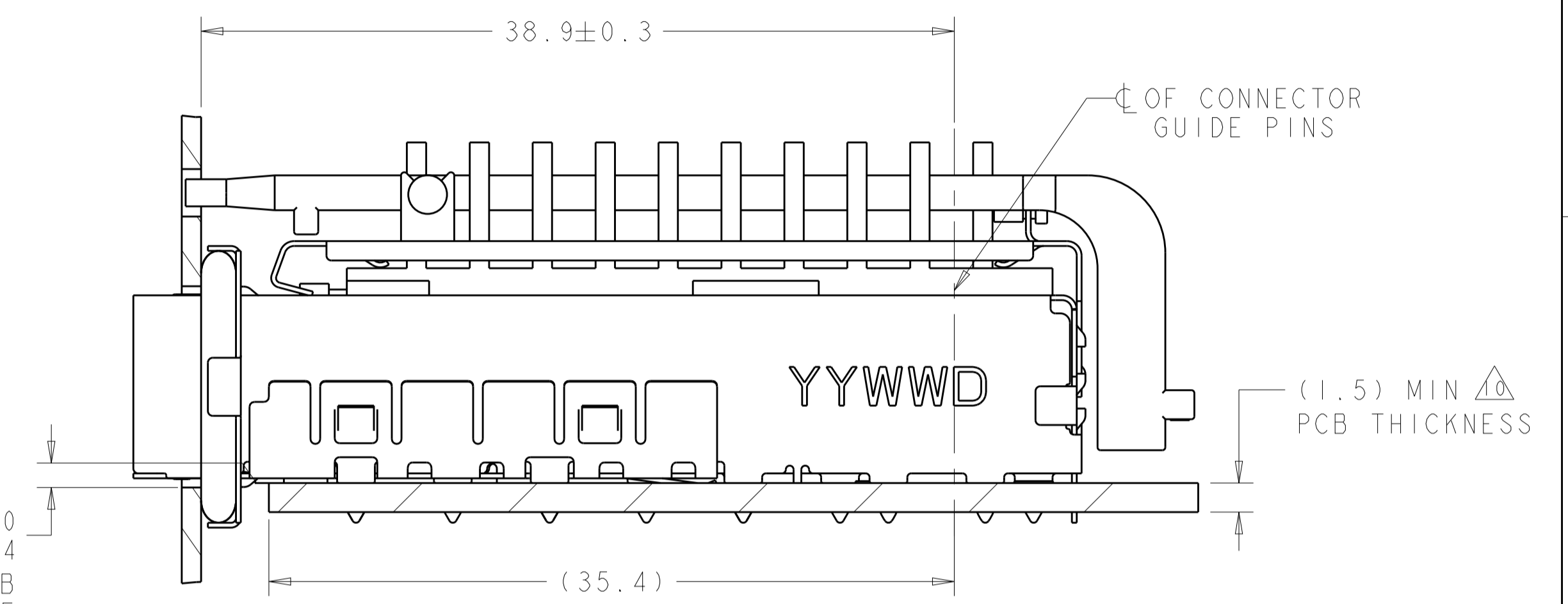
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN B. MATTHEWS 20OCT2011	TE Connectivity
DIMENSIONS: mm		CHK M. SCHMITT 20OCT2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. SCHMITT 20OCT2011	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE
0 PLC ±0.1		PRODUCT SPEC 108-2364	
1 PLC ±0.1		APPLICATION SPEC 114-13120	SIZE CAGE CODE DRAWING NO RESTRICTED TO A100779C=2198242
2 PLC ±0.1		WEIGHT	
3 PLC ±0.1		Customer Drawing	SCALE 4:1 SHEET 1 OF 3 REV A
4 PLC ±0.1			
ANGLES ±1°			
FINISH			

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

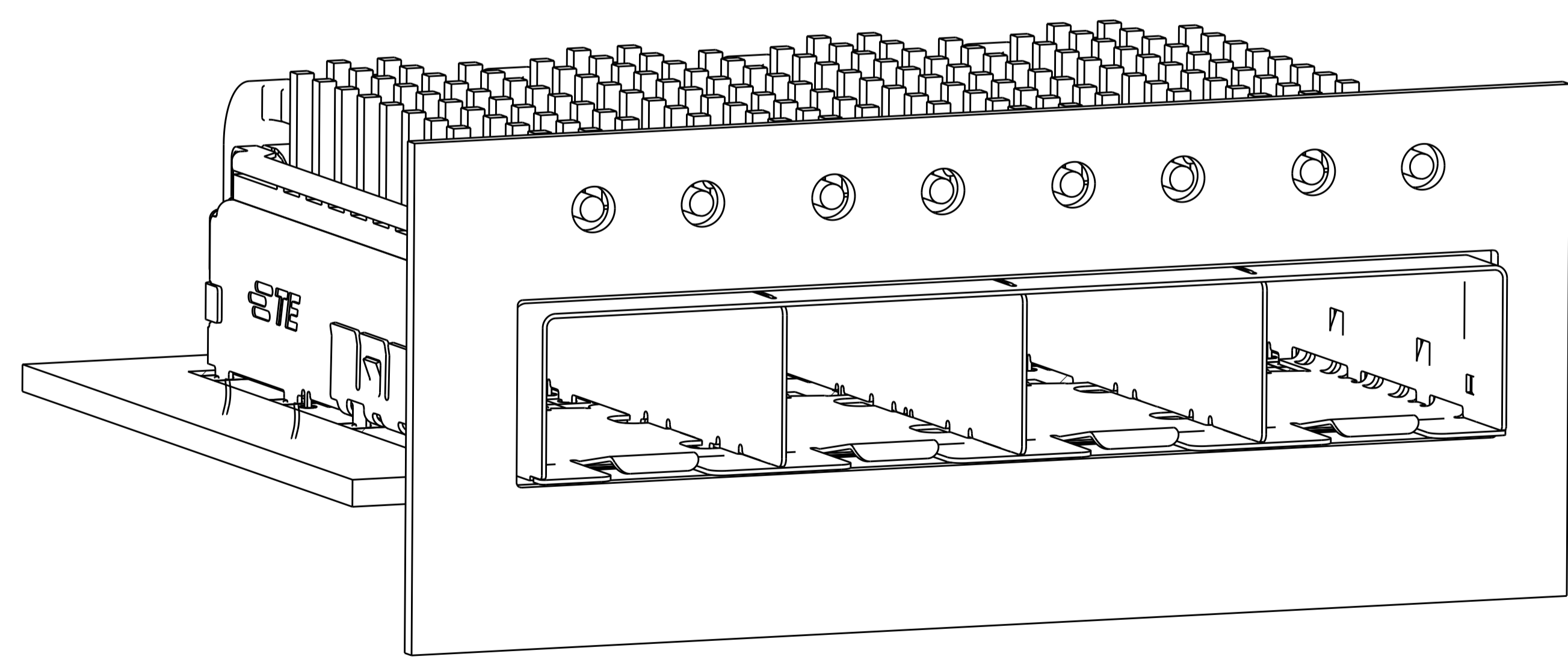


RECOMMENDED BEZEL CUT-OUT  
 SINGLE SIDED APPLICATIONS  
 SCALE 3:1

0.23<sup>+0.10</sup><sub>-0.14</sub>  
 TOP OF PCB  
 TO INSIDE OF  
 BEZEL CUT-OUT



2198242  
 MOUNTED ON PC BOARD  
 SHOWN THRU RECOMMENDED BEZEL



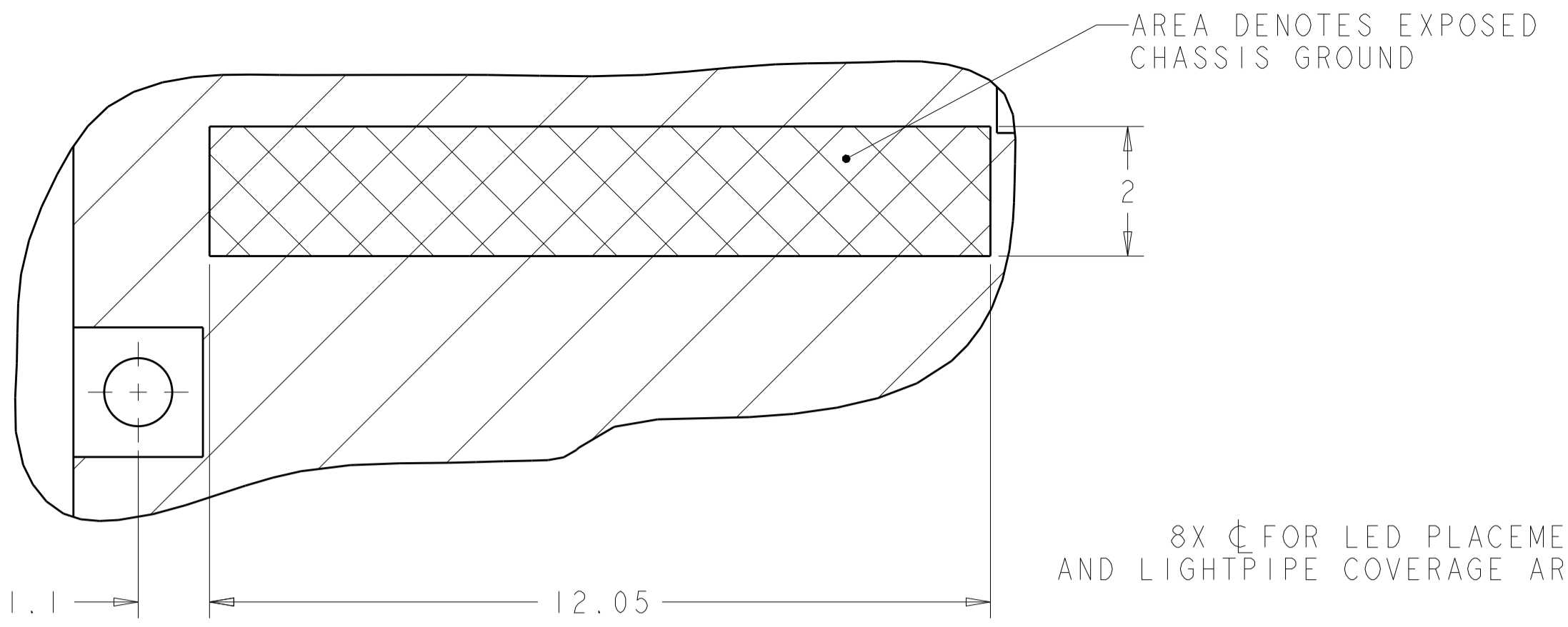
2198242  
 MOUNTED ON PCB  
 SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 20OCT2011	<b>STE</b> TE Connectivity
DIMENSIONS: mm		CHK M. SCHMITT 20OCT2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. SCHMITT 20OCT2011	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE
0 PLC ±0.1		PRODUCT SPEC 108-2364	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
1 PLC ±0.1		APPLICATION SPEC 114-13120	A100779C=2198242
2 PLC ±0.1		WEIGHT -	SCALE 4:1 SHEET 2 OF 3 REV A
3 PLC ±0.1		MATERIAL -	Customer Drawing
4 PLC ±0.1		FINISH -	
ANGLES ±1°			

LOC	DIST	REV	DATE	BY	APPV
GP	00				

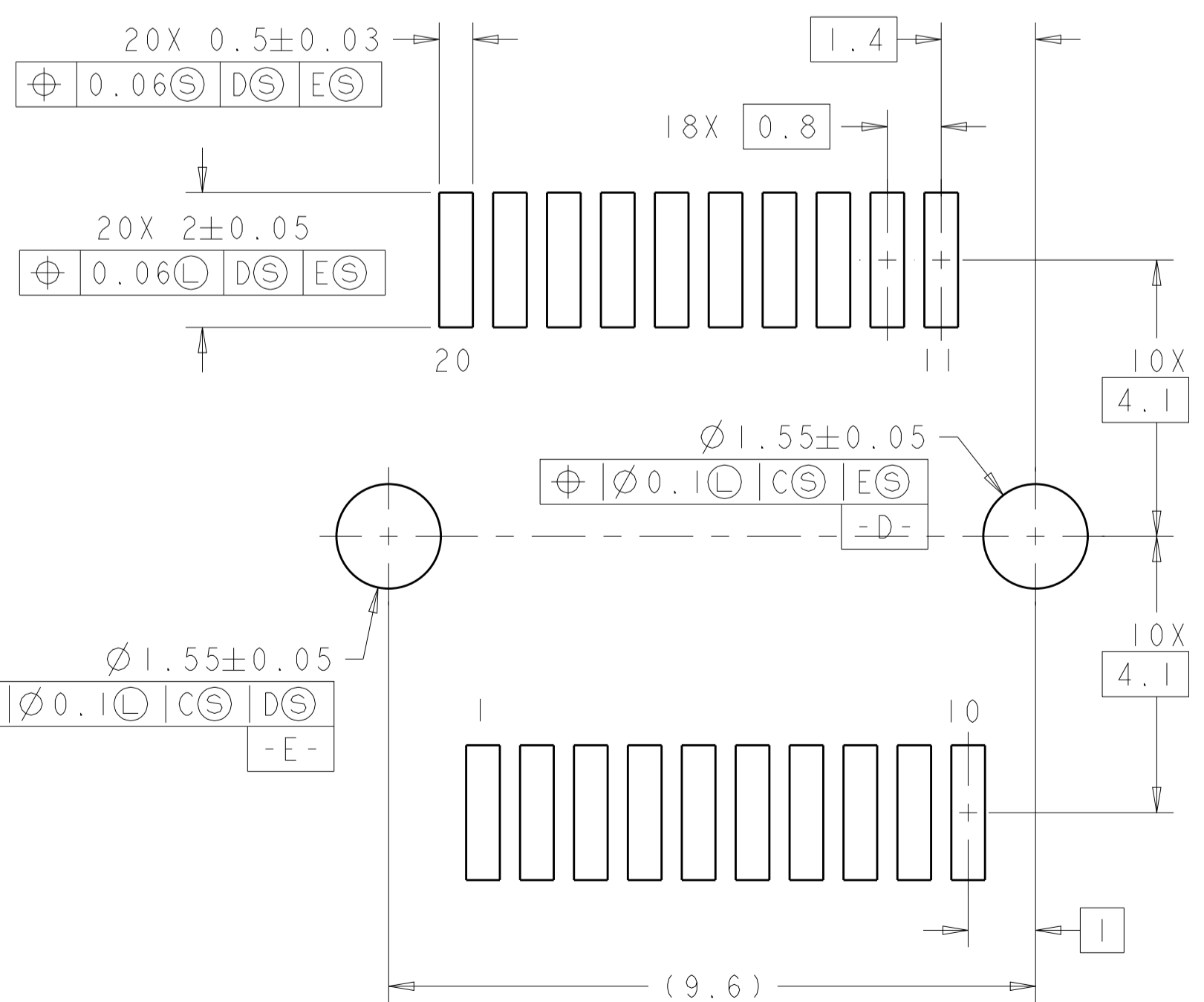
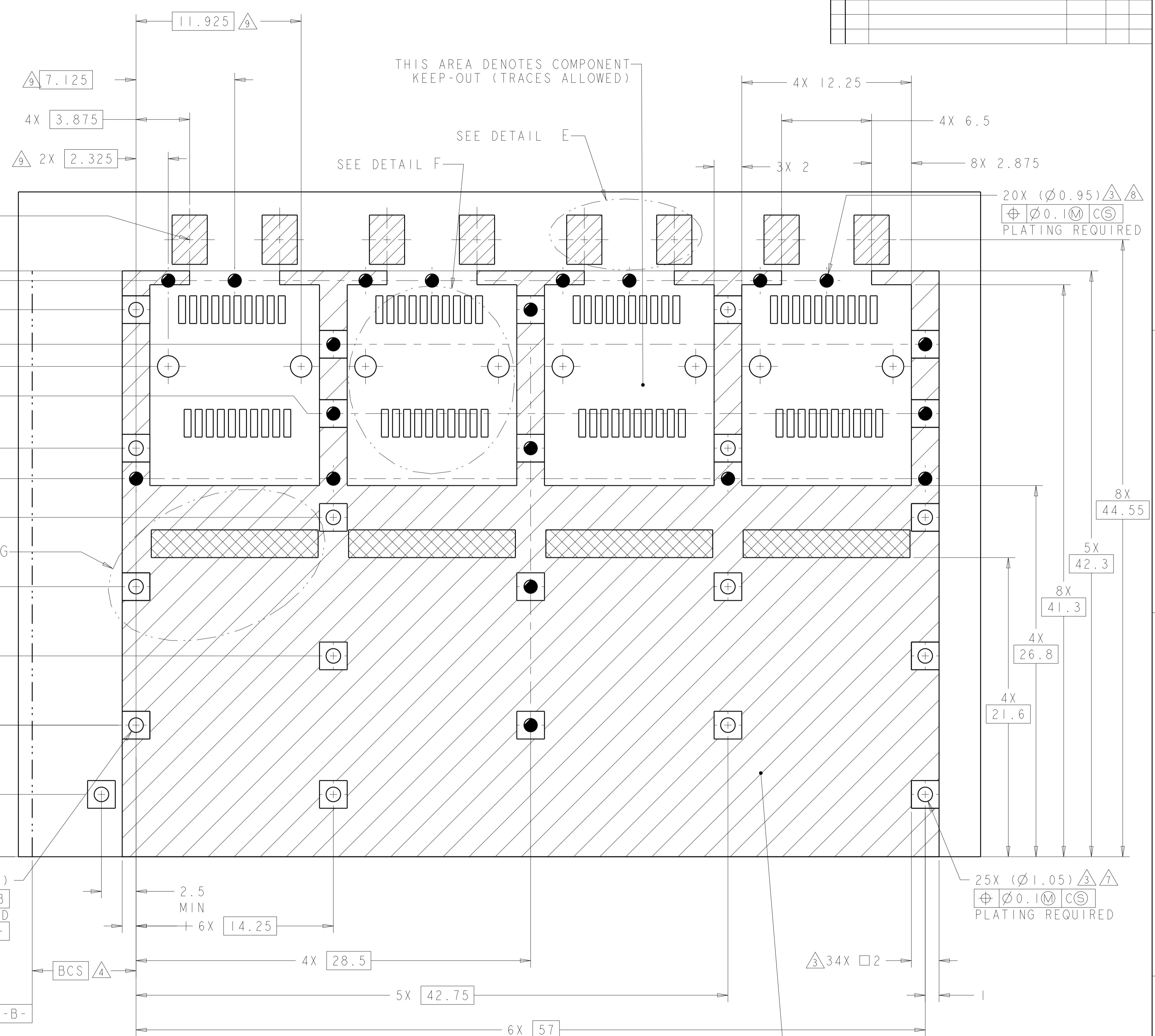
  

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

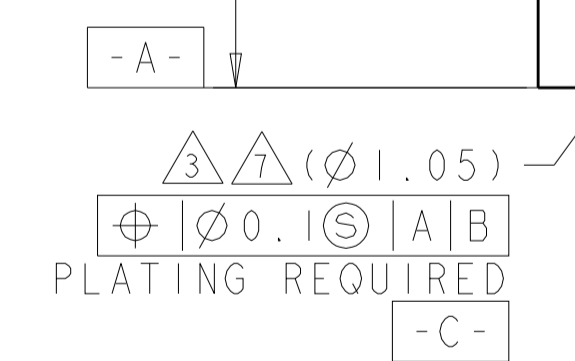


8X  $\phi$  FOR LED PLACEMENT AND LIGHTPIPE COVERAGE AREA

DETAIL G  
4X INDIVIDUALLY  
SCALE 12:1



DETAIL F  
RECOMMENDED PT CONNECTOR LAYOUT  
4X INDIVIDUALLY  
SCALE 12:1



DETAIL E  
SCALE 12:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: B. MATTHEWS 20OCT2011	TE Connectivity NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE
DIMENSIONS: mm		CHK: M. SCHMITT 20OCT2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: M. SCHMITT 20OCT2011	PRODUCT SPEC: 108-2364
0 PLC ±0.1		APPLICATION SPEC: 114-13120	SIZE: A100779
1 PLC ±0.1		WEIGHT: -	RESTRICTED TO: -
2 PLC ±0.1		Customer Drawing	SCALE: 4:1
3 PLC ±0.1			SHEET 3 OF 3
4 PLC ±0.1			REV A
ANGLES ±1°			