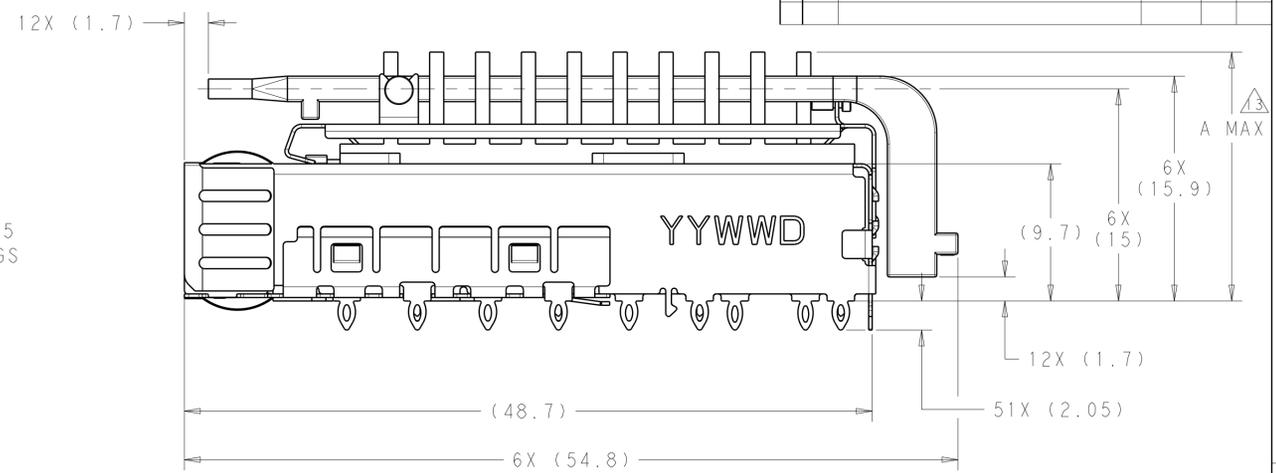
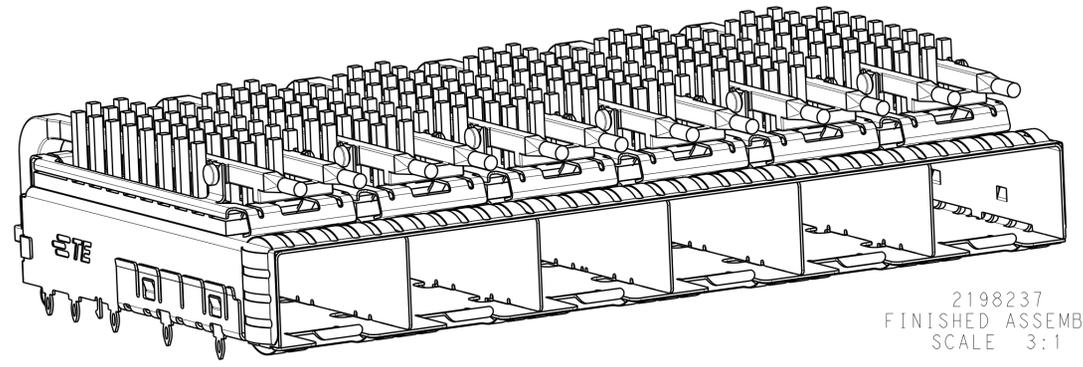
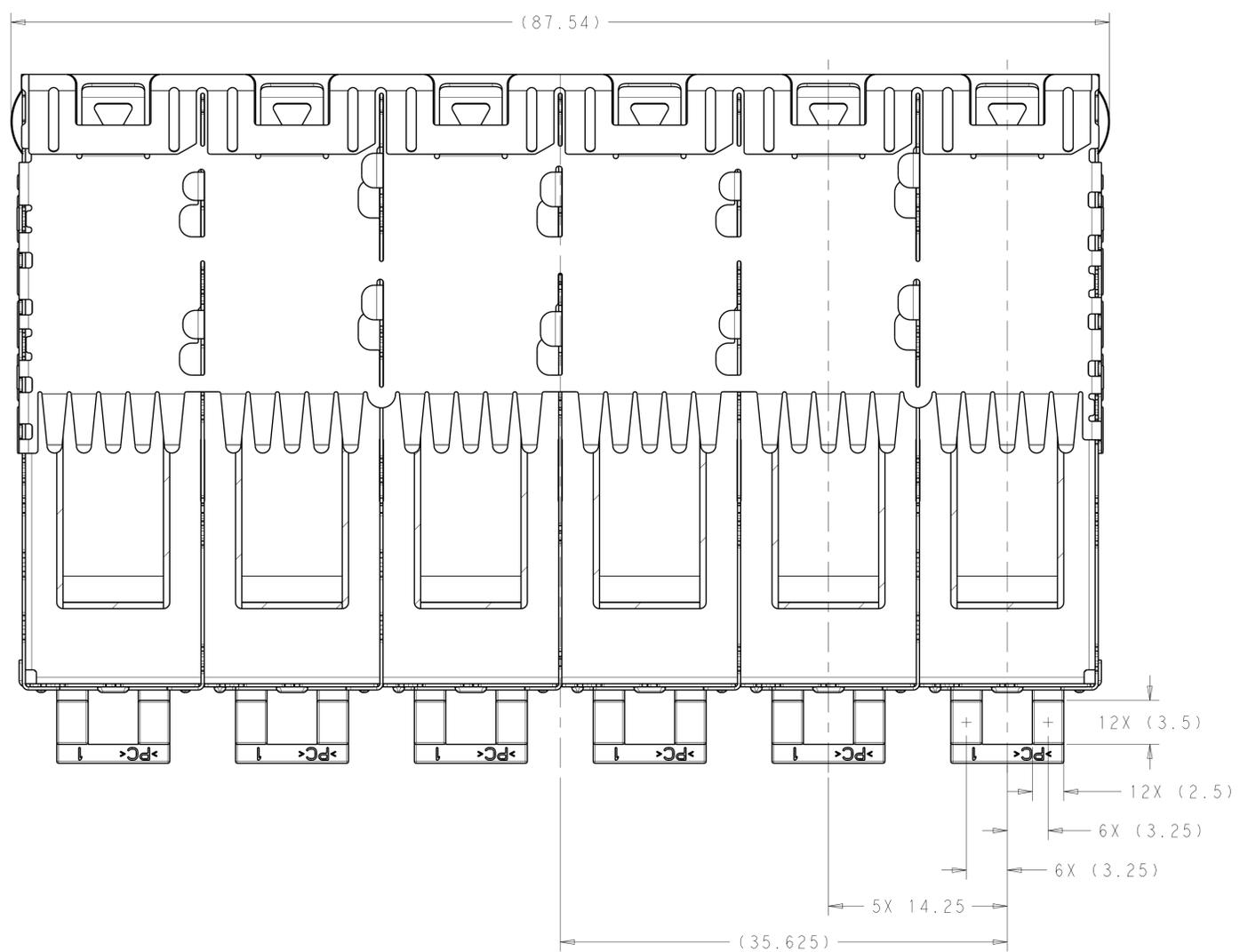
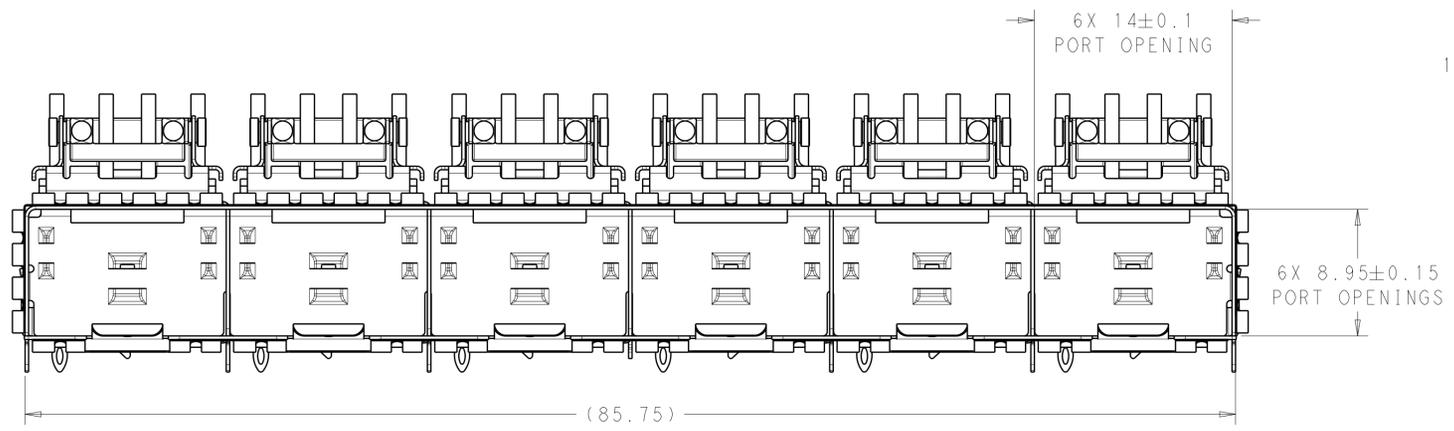


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		A		RELEASED PER ECO-12-013192	19OCT2012	BMM	MRS



- △ MATERIAL:  
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.  
HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL  
LIGHT PIPE: POLYCARBONATE, CLEAR  
HEATSINK: ALUMINUM
- △ FINISH:  
SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.  
NON-PLATED EDGES PERMISSIBLE.  
HEATSINK/LIGHTPIPE CLIP: PASSIVATE  
HEATSINK: ELECTROLESS NICKEL
- 3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- △ PADS AND VIAS CHASSIS GROUND.
- 5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- △ MINIMUM PCB BOARD THICKNESS:  
SINGLE SIDED = 1.50mm  
DOUBLE SIDED = 2.25mm
- △ HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- △ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- △ 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.
- 11. CERTAIN MATING TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.
- 12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
- △ DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- △ 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.
- △ PACKAGED AS A COMPLETE ASSEMBLY.

△	22.5	NETWORKING, TALL	2198237-4
△	18.1	NETWORKING, SHORT	2198237-3
△	15.5	SAN	2198237-2
△	13.2	PCI	2198237-1
△	A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN: B. MATTHEWS 15NOV2011  
CHK: M. SCHMITT 15NOV2011  
APVD: M. SCHMITT 15NOV2011

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±0.1  
1 PLC ±0.1  
2 PLC ±0.1  
3 PLC ±0.1  
4 PLC ±0.1  
ANGLES ±1°

MATERIAL: △  
FINISH: △

Customer Drawing

NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE

PRODUCT SPEC: 108-2364  
APPLICATION SPEC: 114-13120

SIZE: A1  
CAGE CODE: 00779  
DRAWING NO: C=2198237

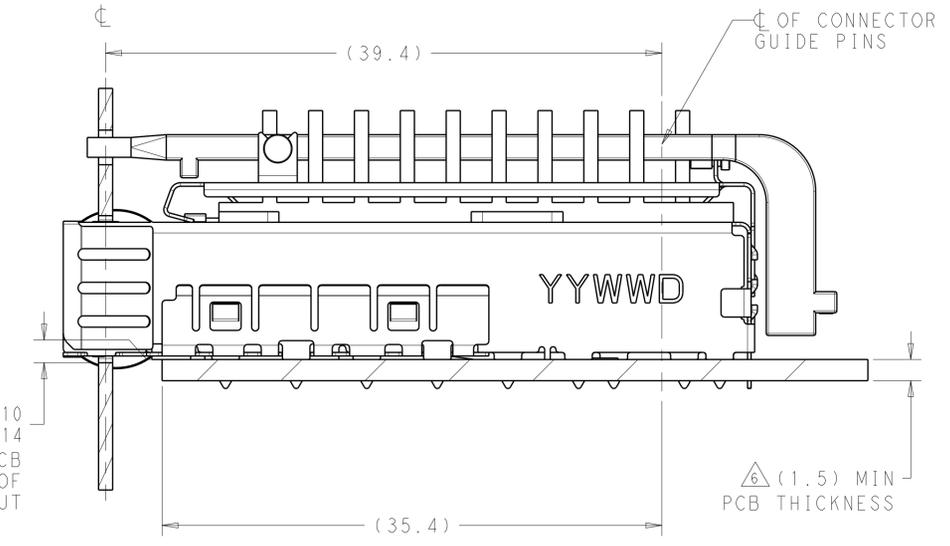
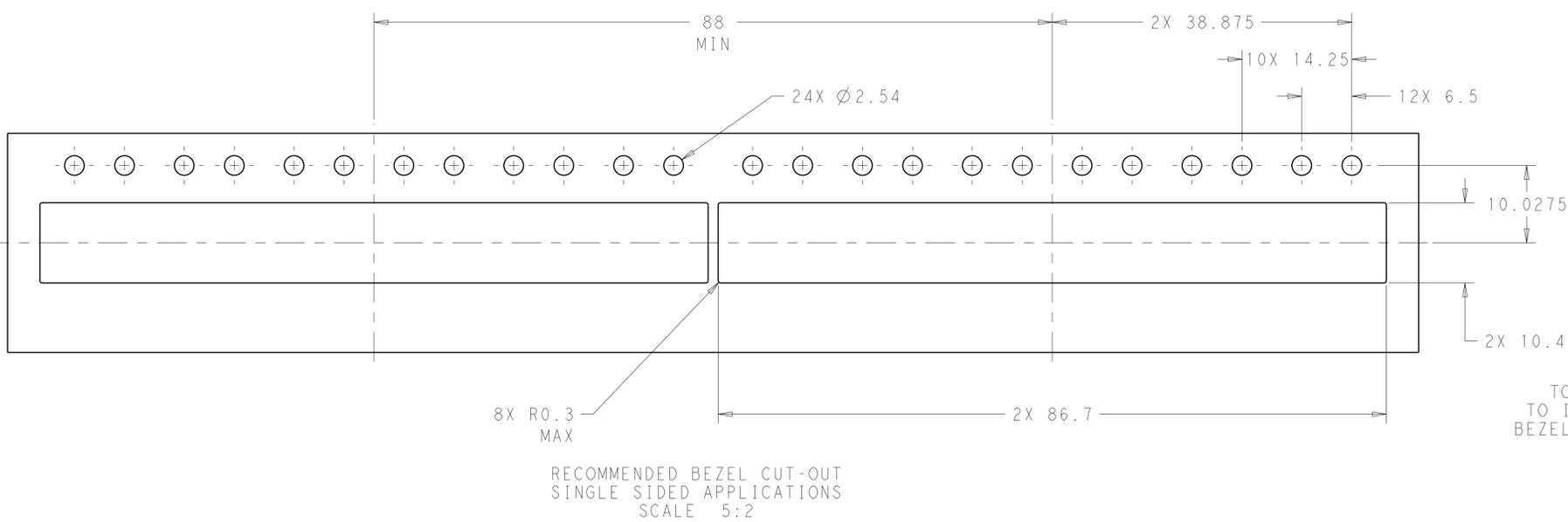
RESTRICTED TO: -

SCALE: 4:1 SHEET 1 OF 4 REV A

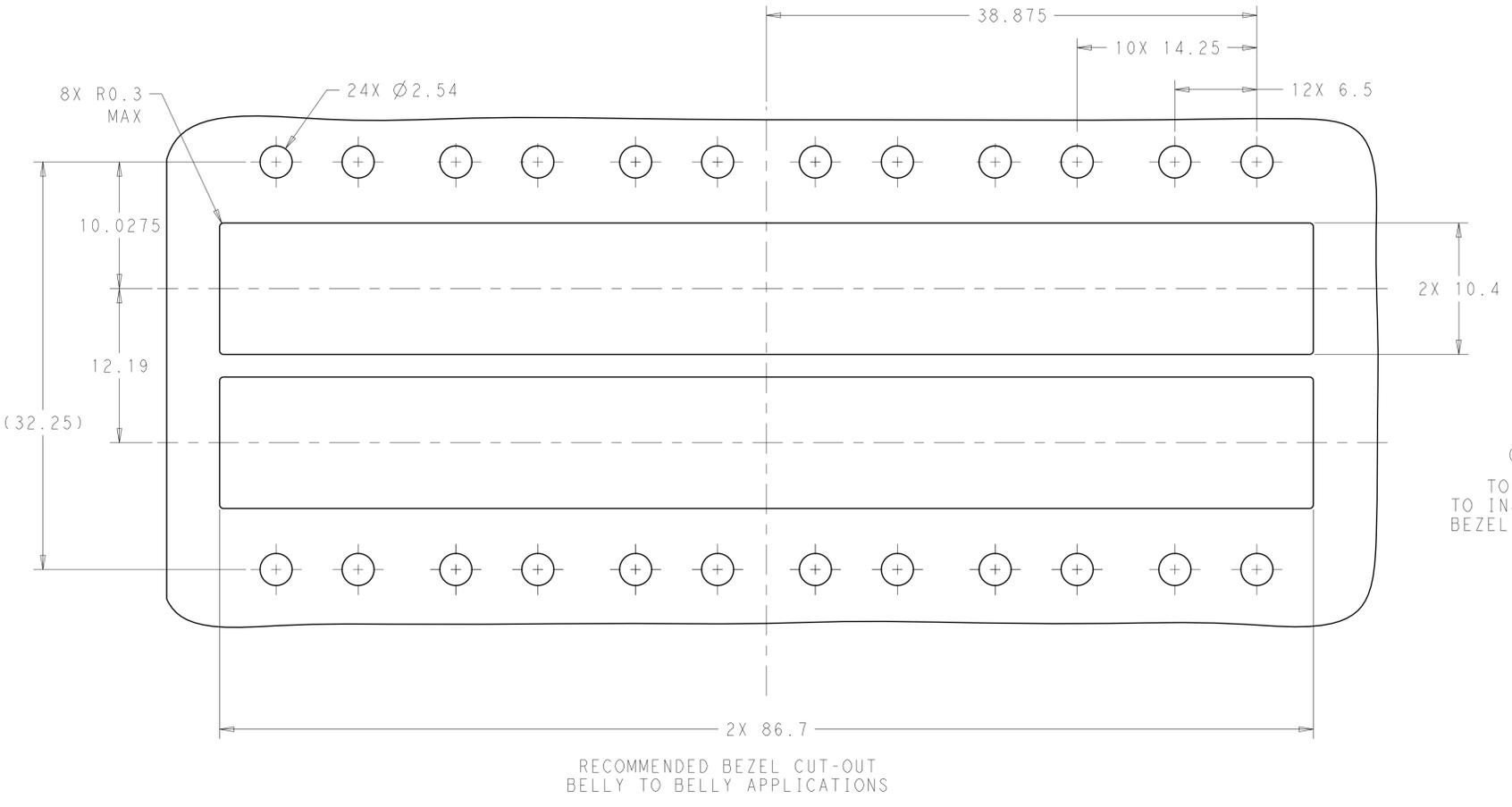
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GP	00				

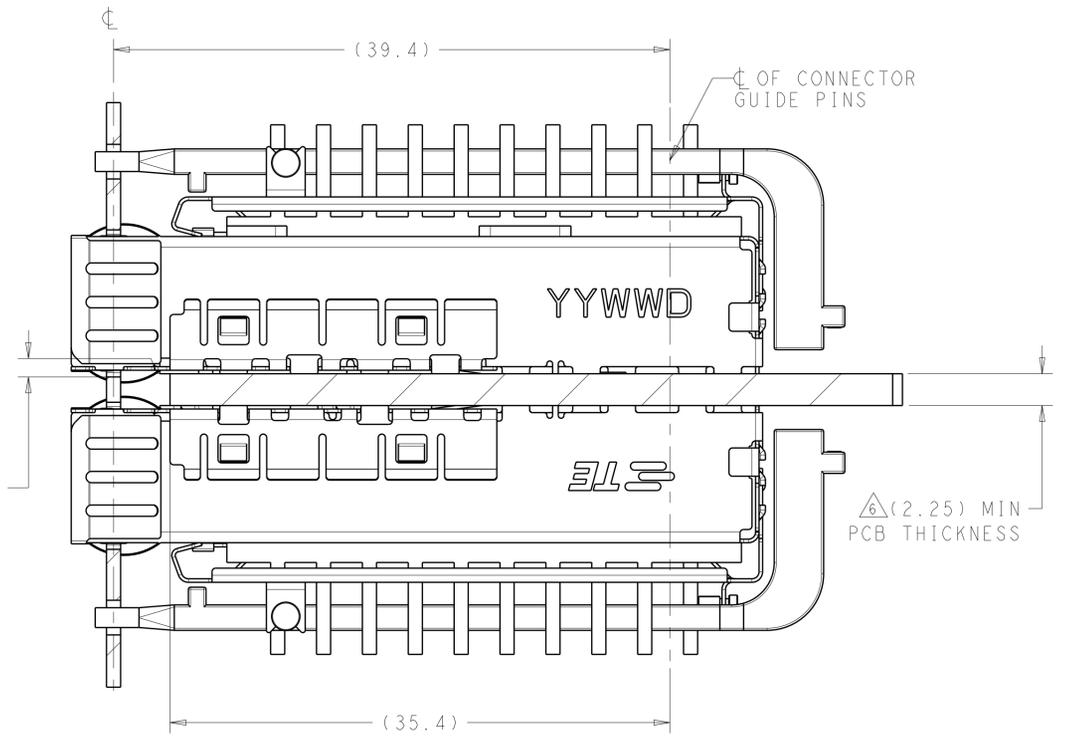
REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			



2198237  
MOUNTED ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL



0.23+0.10  
-0.14  
TOP OF PCB  
TO INSIDE OF  
BEZEL CUT-OUT



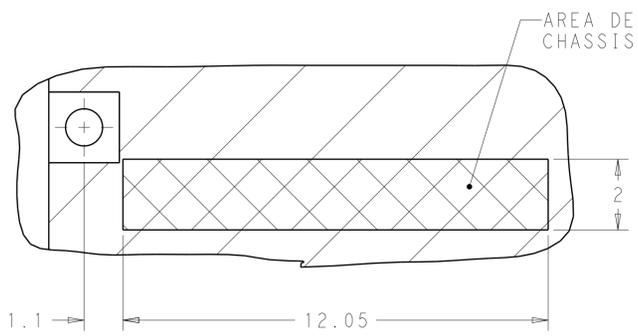
2198237  
MOUNTED BELLY TO BELLY ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011	TE Connectivity
DIMENSIONS:		CHK M. SCHMITT 15NOV2011	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. SCHMITT 15NOV2011	NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE
	0 PLC ±0.1	PRODUCT SPEC	SIZE 108-2364
	1 PLC ±0.1	APPLICATION SPEC	RESTRICTED TO
	2 PLC ±0.1	114-13120	A100779C=2198237
	3 PLC ±0.1	WEIGHT	SCALE 4:1 SHEET 2 OF 4 REV A
	4 PLC ±0.1	Customer Drawing	
MATERIAL	FINISH		

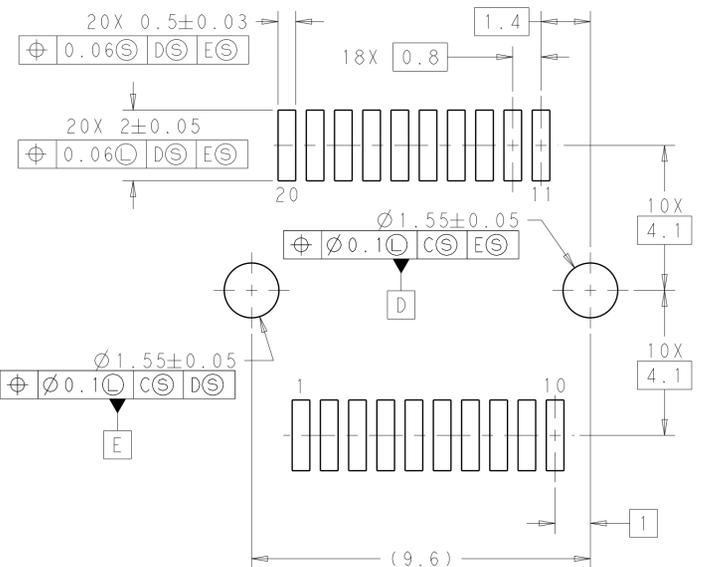
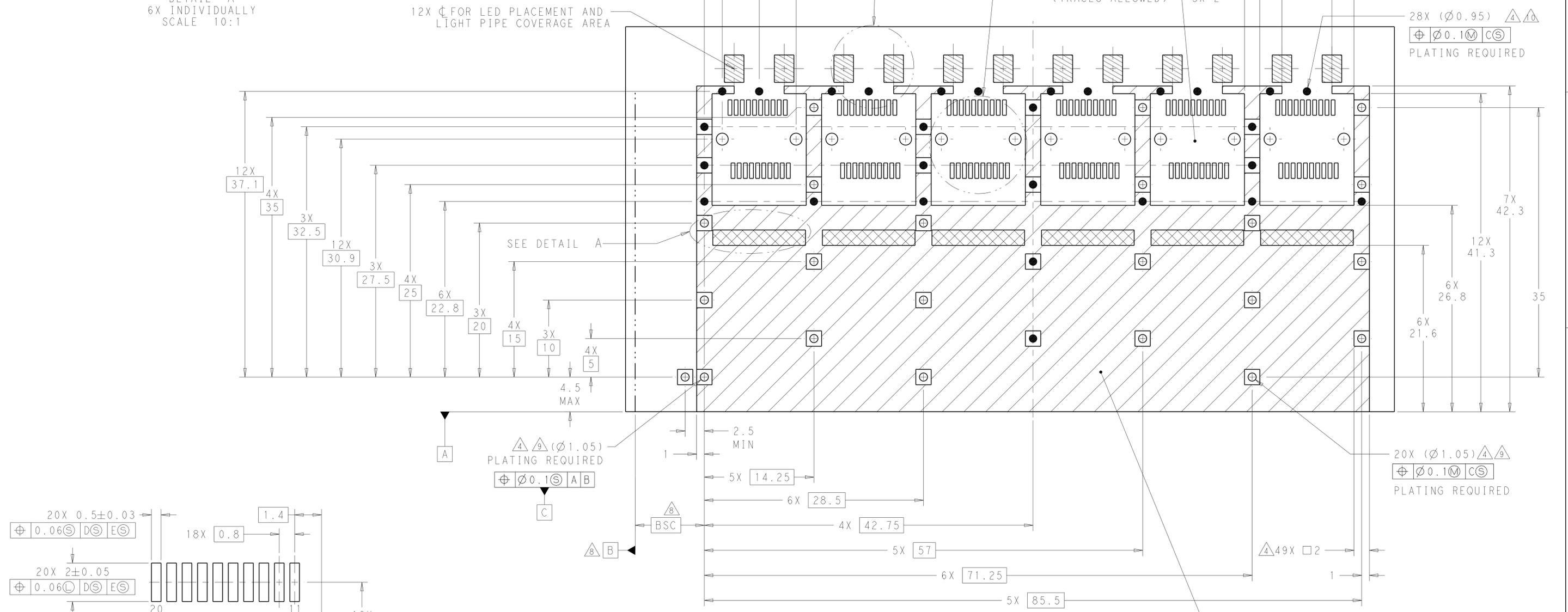
LOC	DIST	REV	DATE	BY	APPV
GP	00				

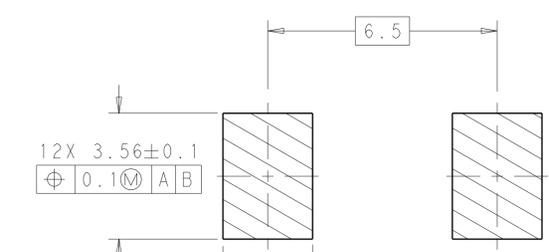
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	SEE SHEET 1		



DETAIL A  
6X INDIVIDUALLY  
SCALE 10:1



DETAIL X  
RECOMMENDED PT CONNECTOR LAYOUT  
6X INDIVIDUALLY  
SCALE 10:1



DETAIL W  
SCALE 10:1

RECOMMENDED PCB CONFIGURATION  
WITH KEEP-OUT AREAS  
SINGLE SIDED APPLICATIONS  
SCALE 4:1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B. MATTHEWS 15NOV2011	TE Connectivity
DIMENSIONS: mm		CHK: M. SCHMITT 15NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. SCHMITT 15NOV2011	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE PRODUCT SPEC: 108-2364 APPLICATION SPEC: SIZE: 114-13120 WEIGHT: Customer Drawing
0 PLC ±0.1		RESTRICTED TO	
1 PLC ±0.1		SCALE 4:1 SHEET 3 OF 4 REV A	
2 PLC ±0.1			
3 PLC ±0.1			
4 PLC ±0.1			
ANGLES ±1°			
MATERIAL:			
FINISH:			

