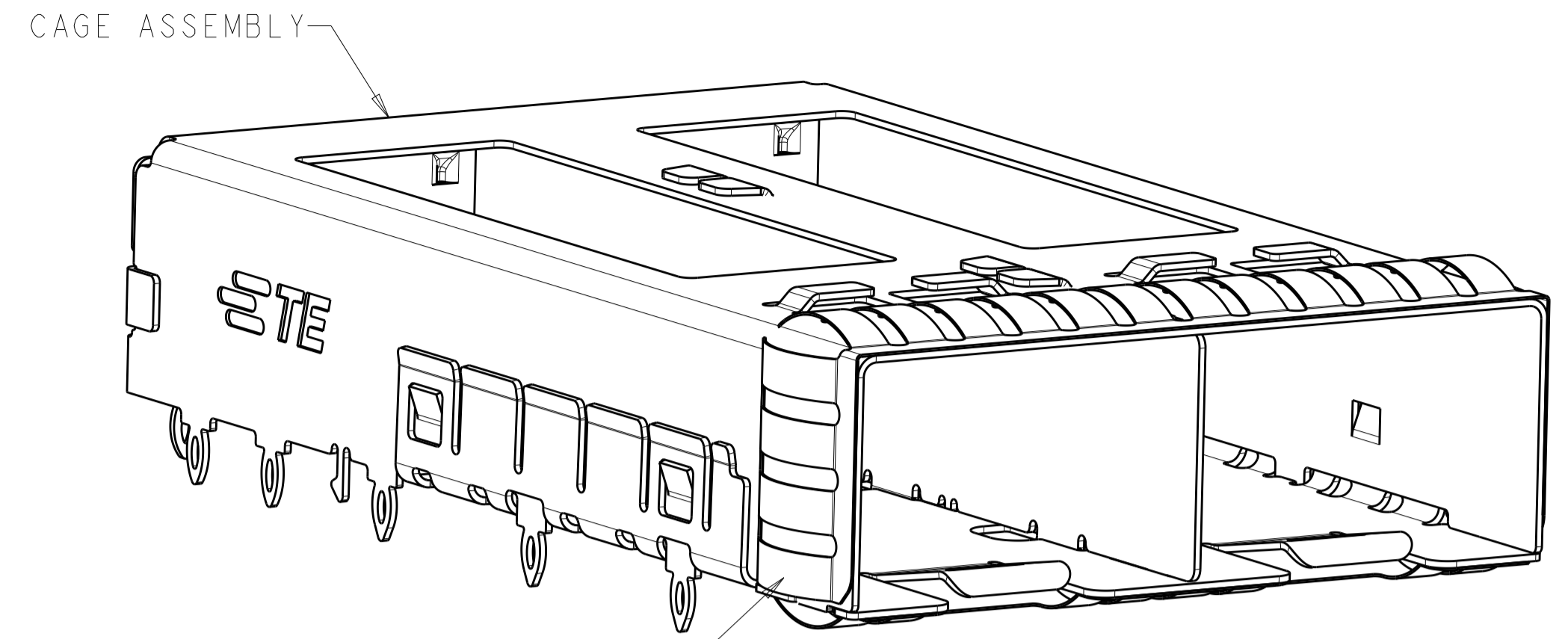
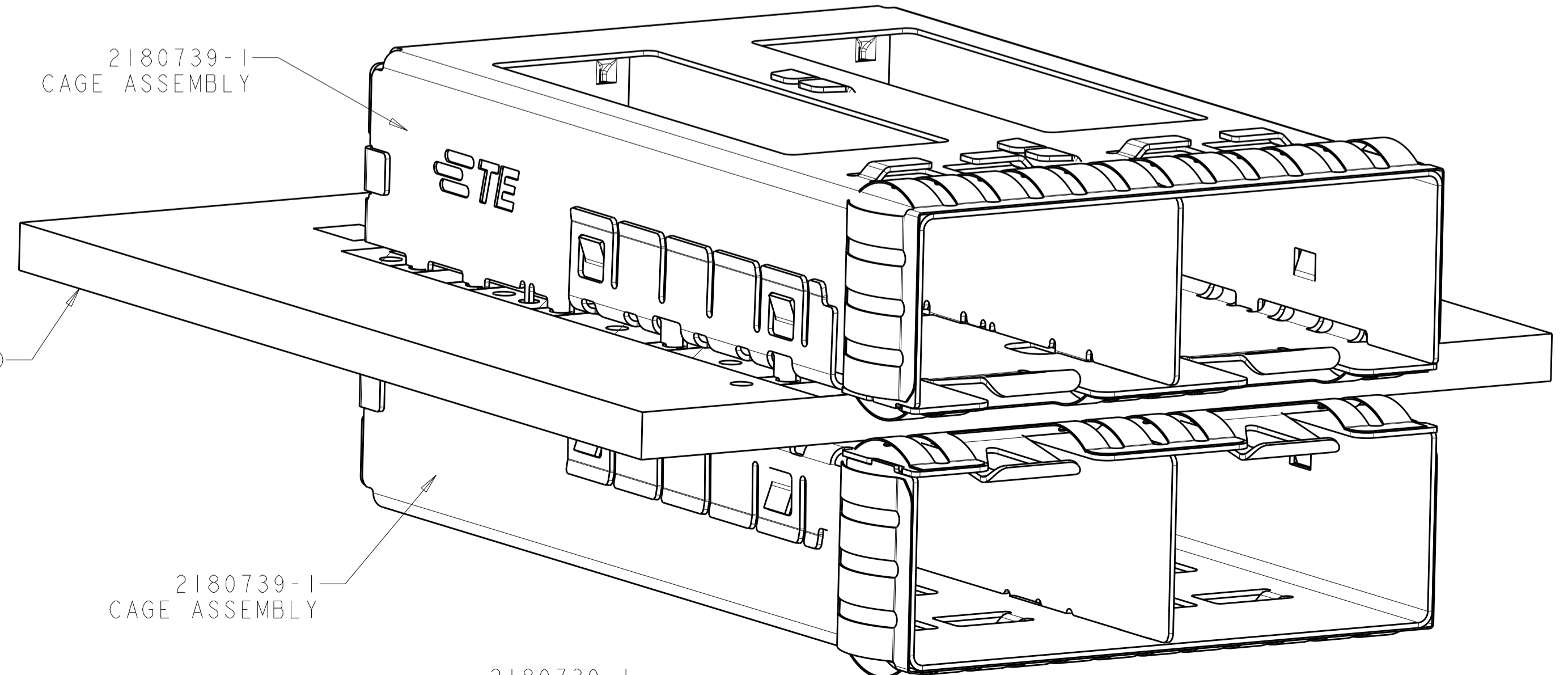
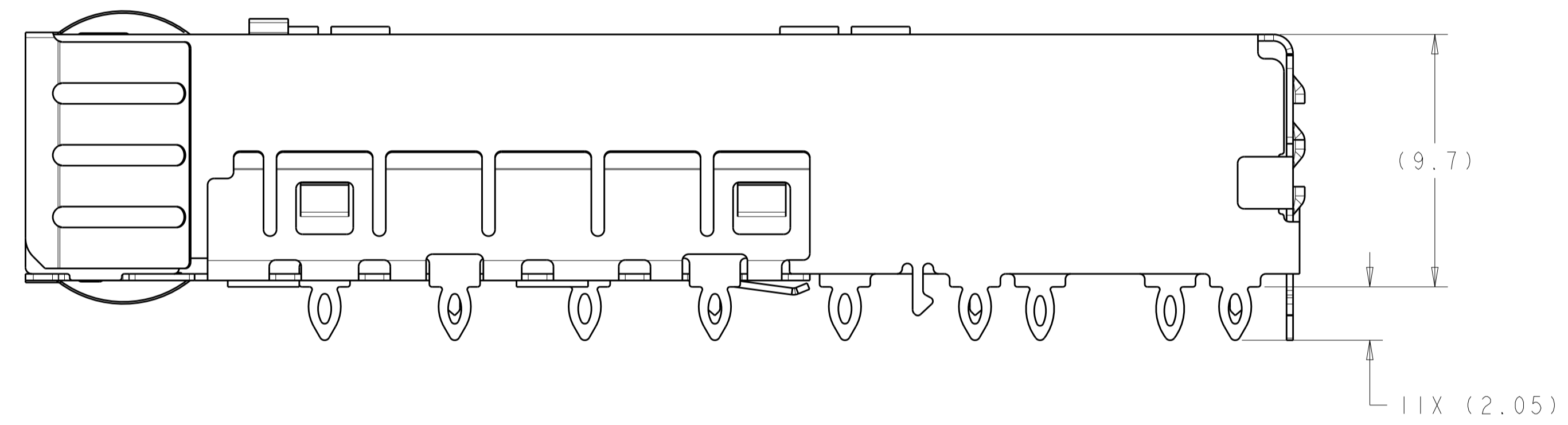
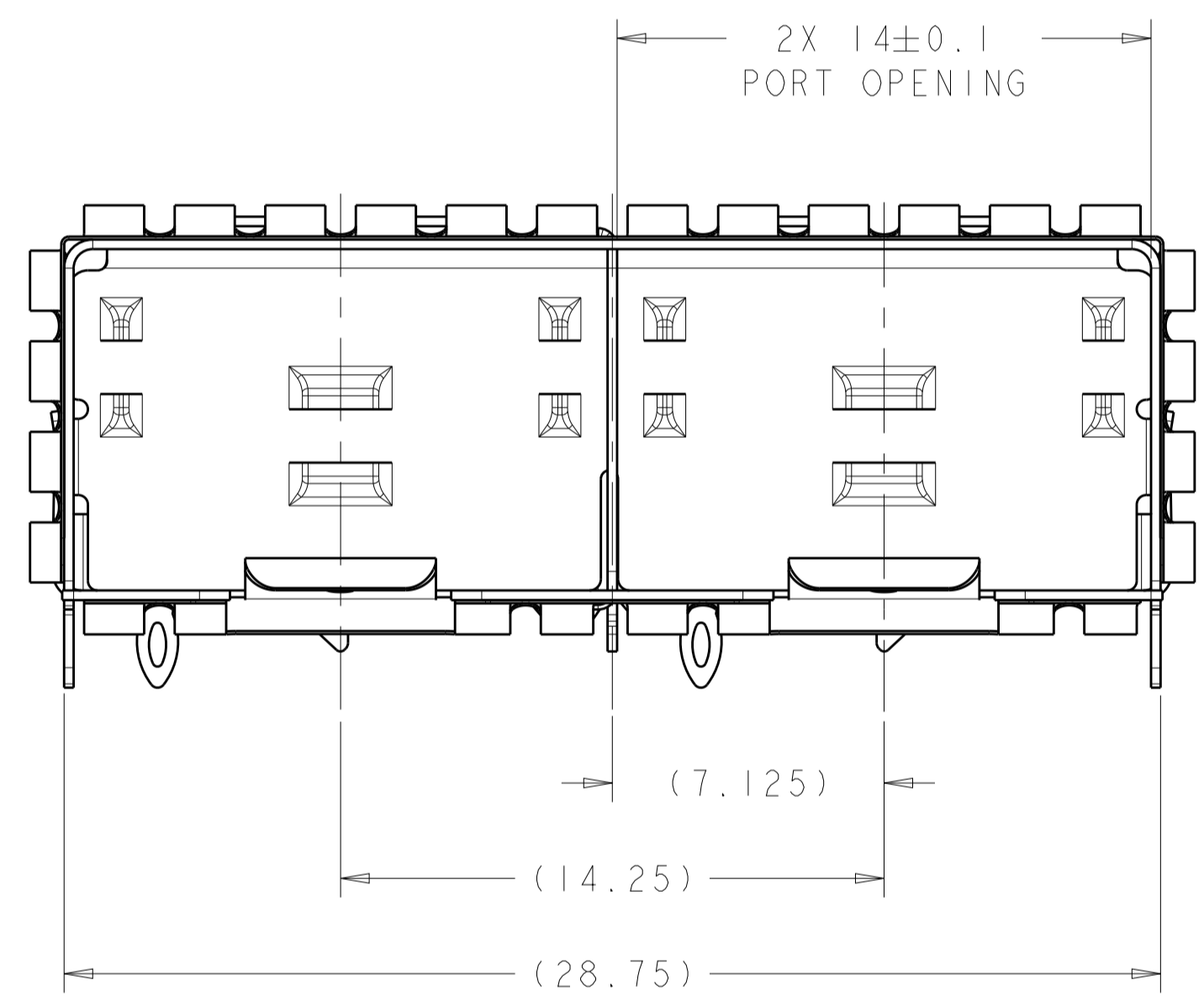


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
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		A1		RELEASED PER ECO-14-005063	16DEC2013	JZ	SH

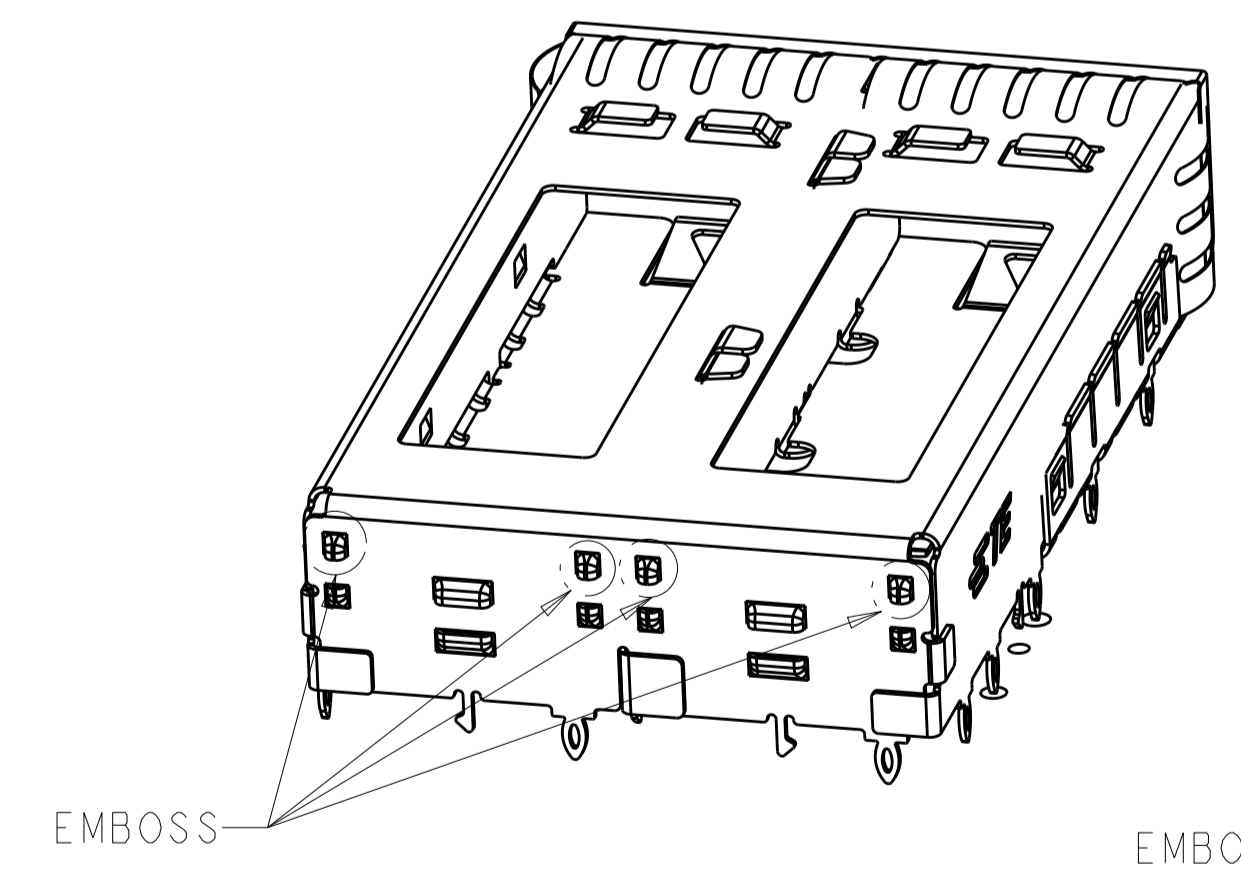


2180739-1
SCALE 5:1

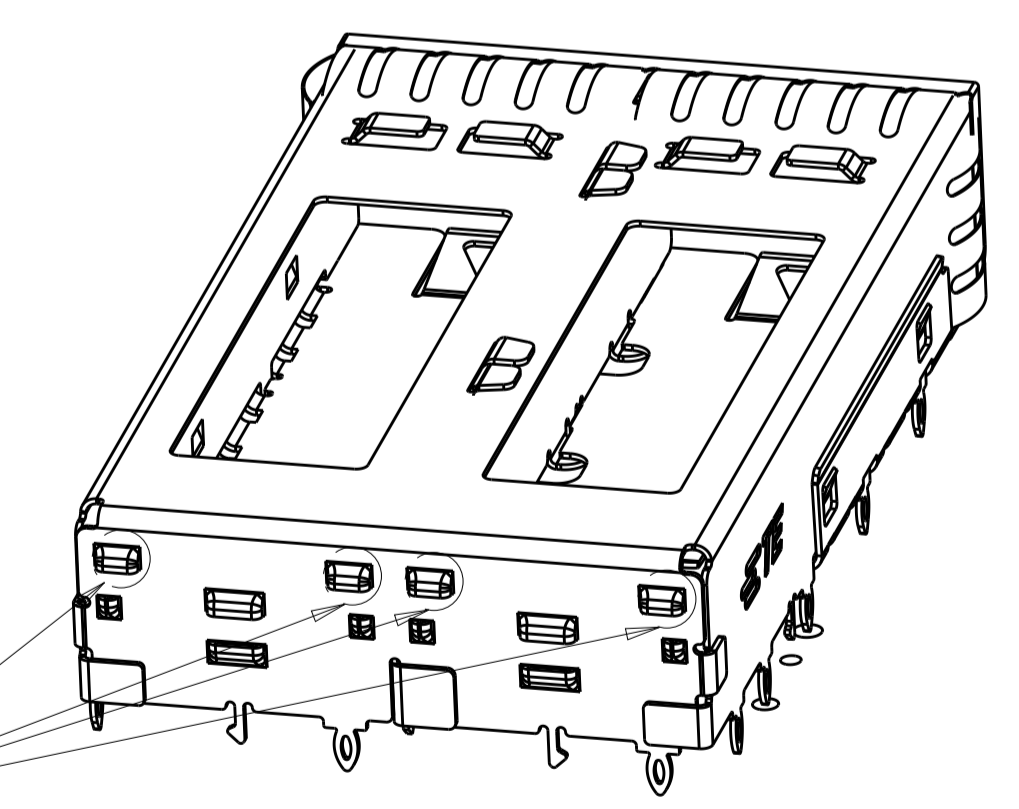


2180739-1
MOUNTED BELLY TO BELLY
SCALE 5:1

- △ MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
EMI SPRINGS: COPPER ALLOY
- △ FINISH:
SPRINGS: MINIMUM OF 0.8mm MATTE TIN PLATED OVER MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
- △ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4. MATES WITH SFP MSA COMPLIANT RECEIVERS.
- △ PADS AND VIAS CHASSIS GROUND.
- 6. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OR ASME Y14.5M-1994.
- △ MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.5mm
DOUBLE SIDED: 2.25mm
- △ HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25mm.
- △ 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 TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.
- △ PRODUCT COMPLIES WITH SPECIFICATION SFF-8433, IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.



2180739-1

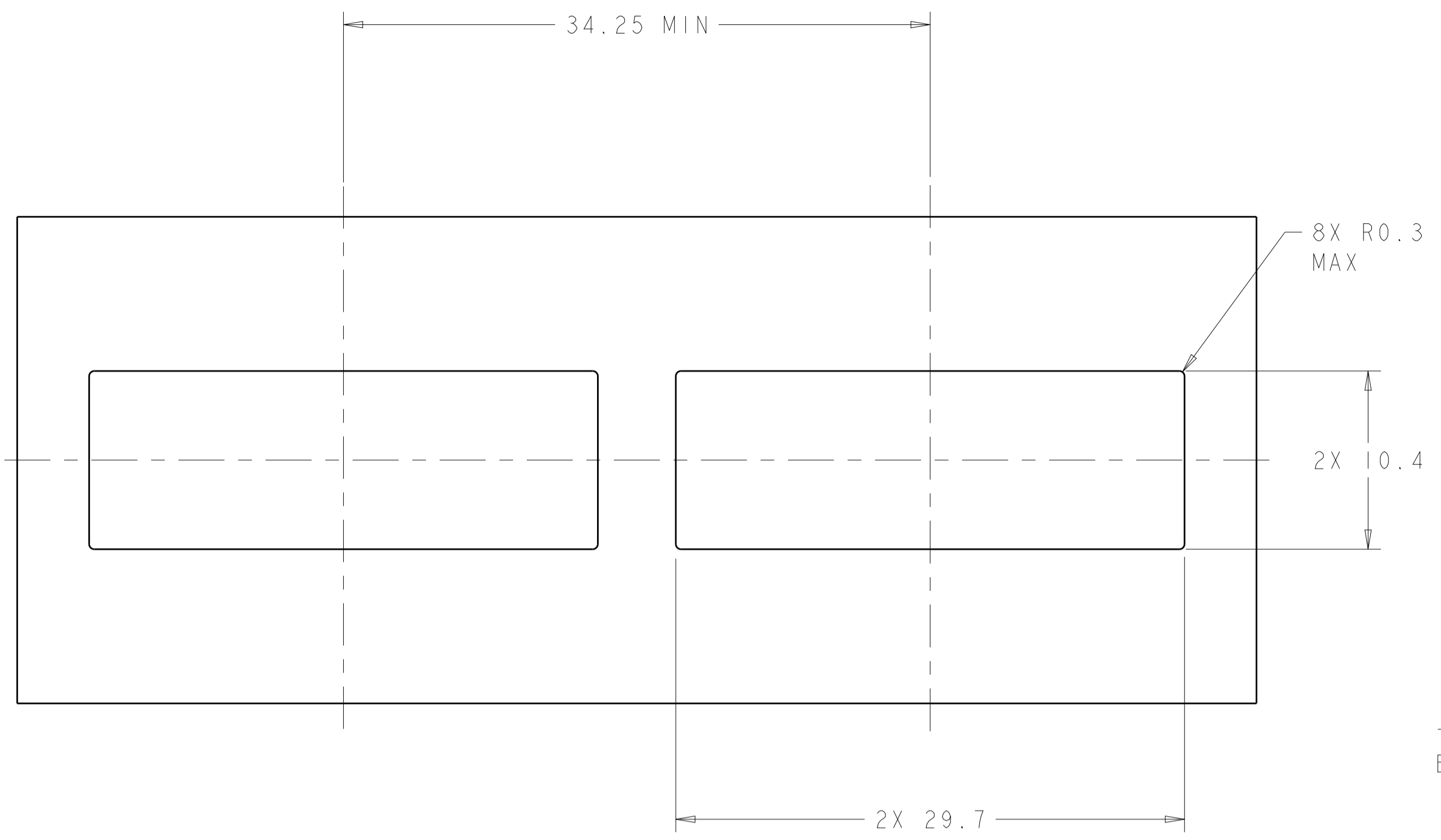


2180739-3
SAME AS 2180739-1, EXCEPT FOUR EMBOSS

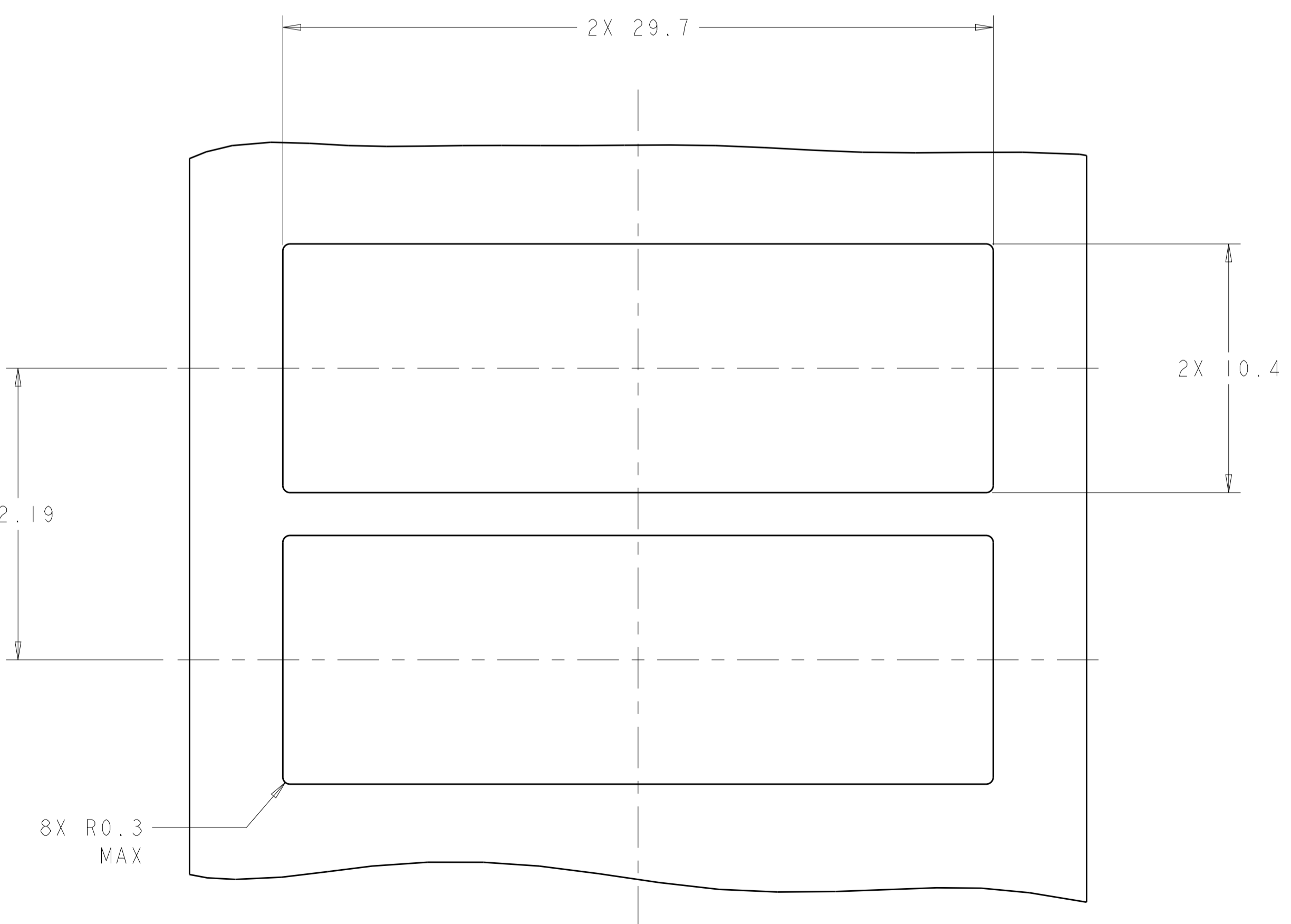
2180739-3
2180739-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B. MATTHEWS, 24MAY2011	TE Connectivity
DIMENSIONS: mm		CHK: M. SCHMITT, 24MAY2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. SCHMITT, 24MAY2011	NAME: SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS
0 PLC ±0.13		PRODUCT SPEC: 108-2364	
1 PLC ±0.1		APPLICATION SPEC: 114-13120	SIZE: CAGE CODE DRAWING NO: A100779C=2180739
2 PLC ±0.08		WEIGHT: -	
3 PLC ±0.05		Customer Drawing	RESTRICTED TO
4 PLC ±0.05		SCALE: 6:1	SHEET 1 OF 4
ANGLES ±0.1			REV: A1

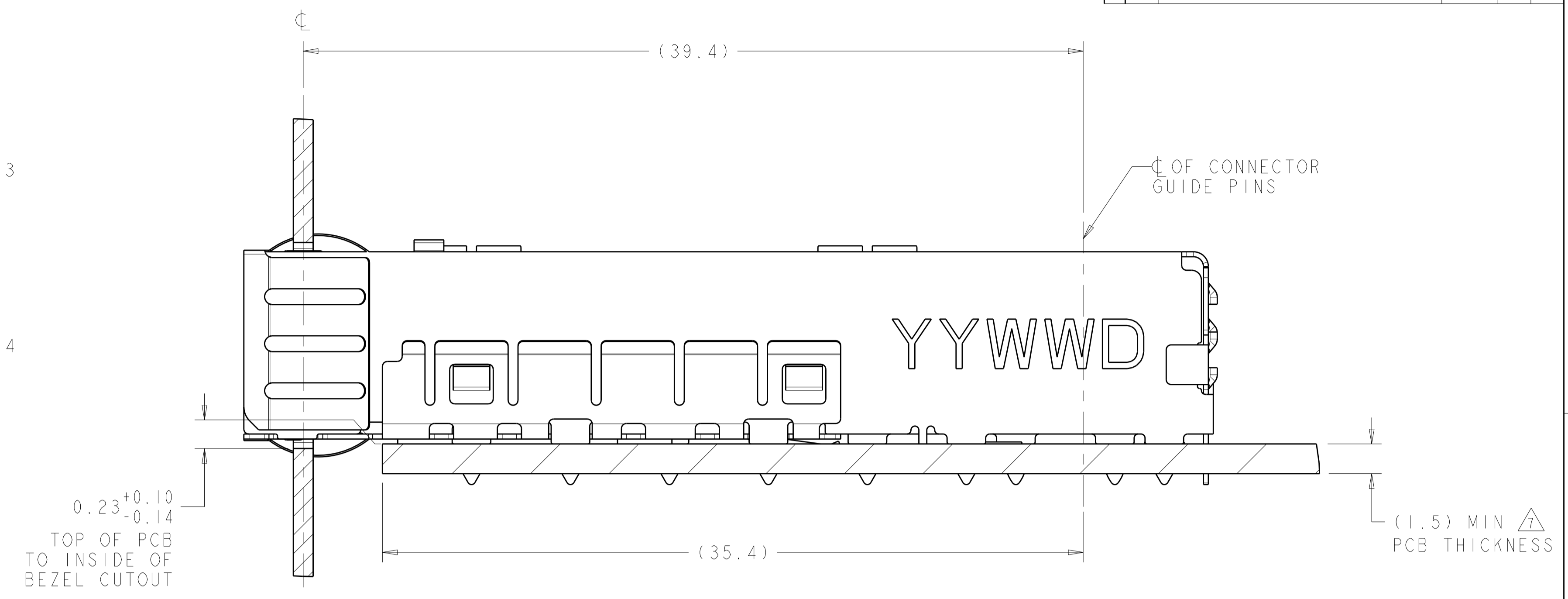
LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



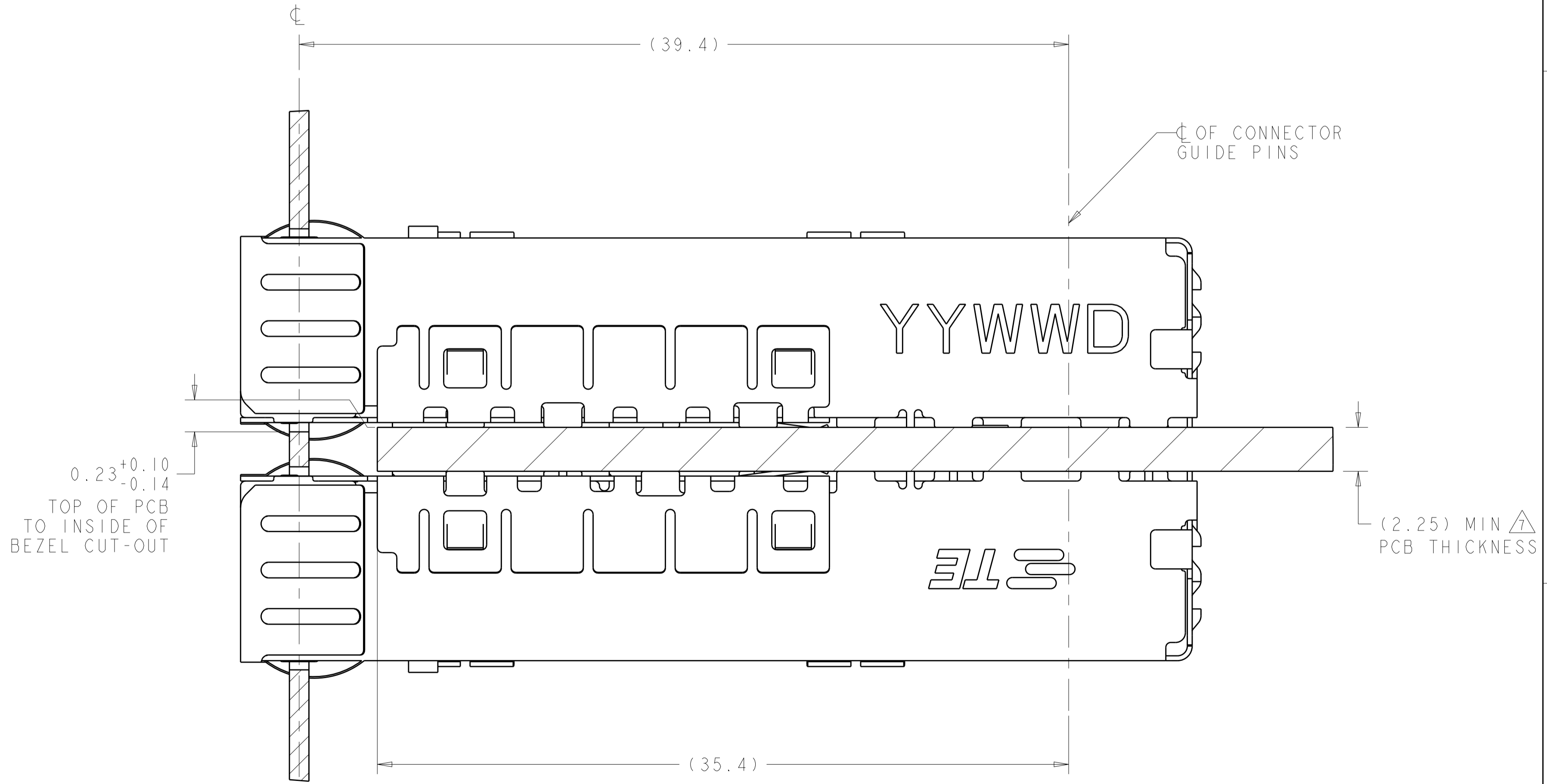
RECOMMENDED BEZEL CUT-OUT
 SINGLE SIDED APPLICATIONS
 SCALE 4:1



RECOMMENDED BEZEL CUT-OUT
 BELLY TO BELLY APPLICATIONS



2180739-1
 MOUNTED ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL

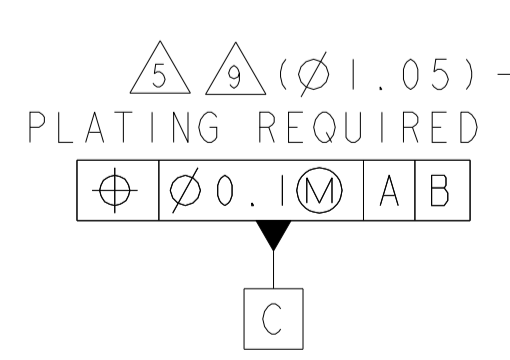
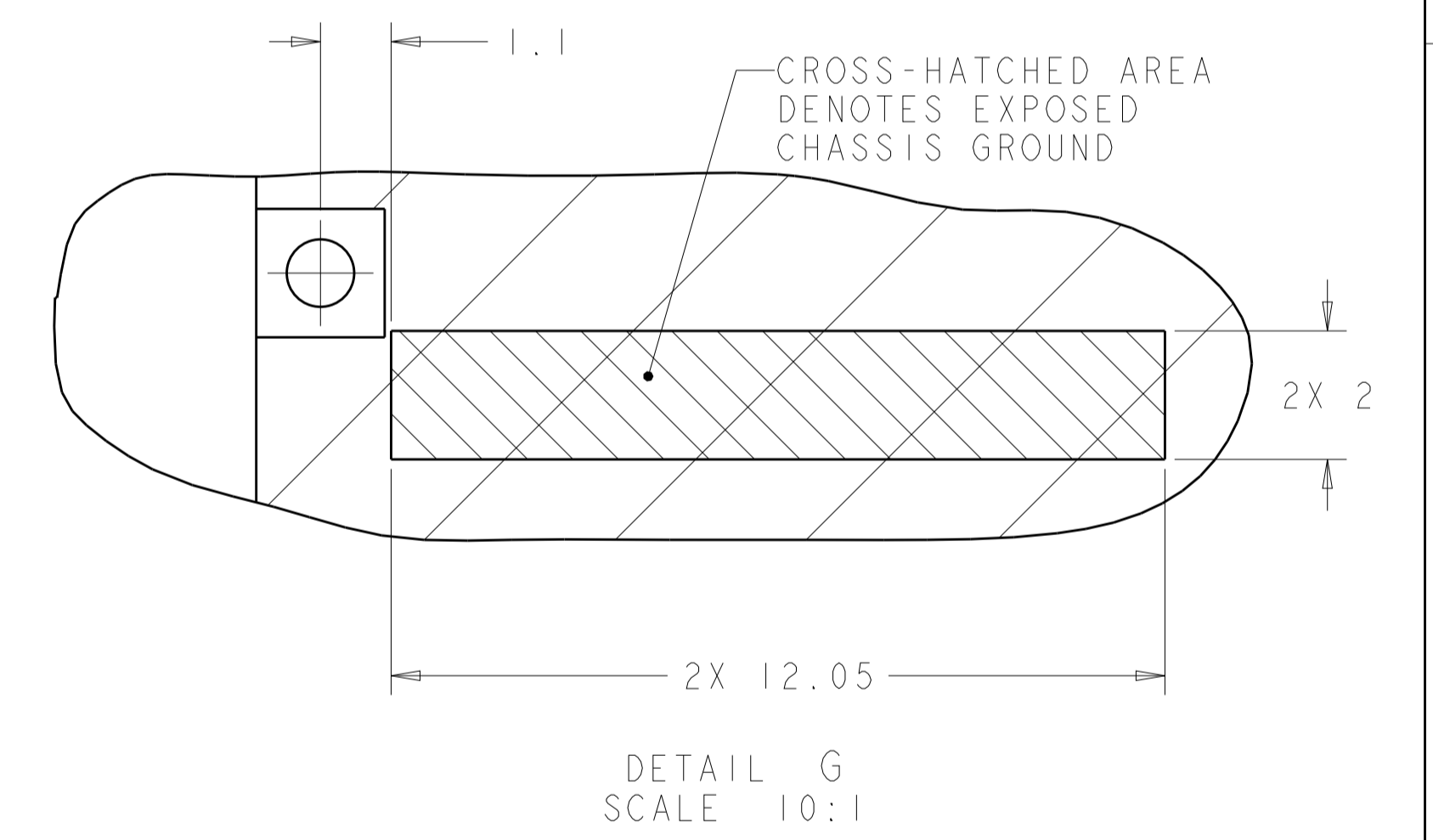
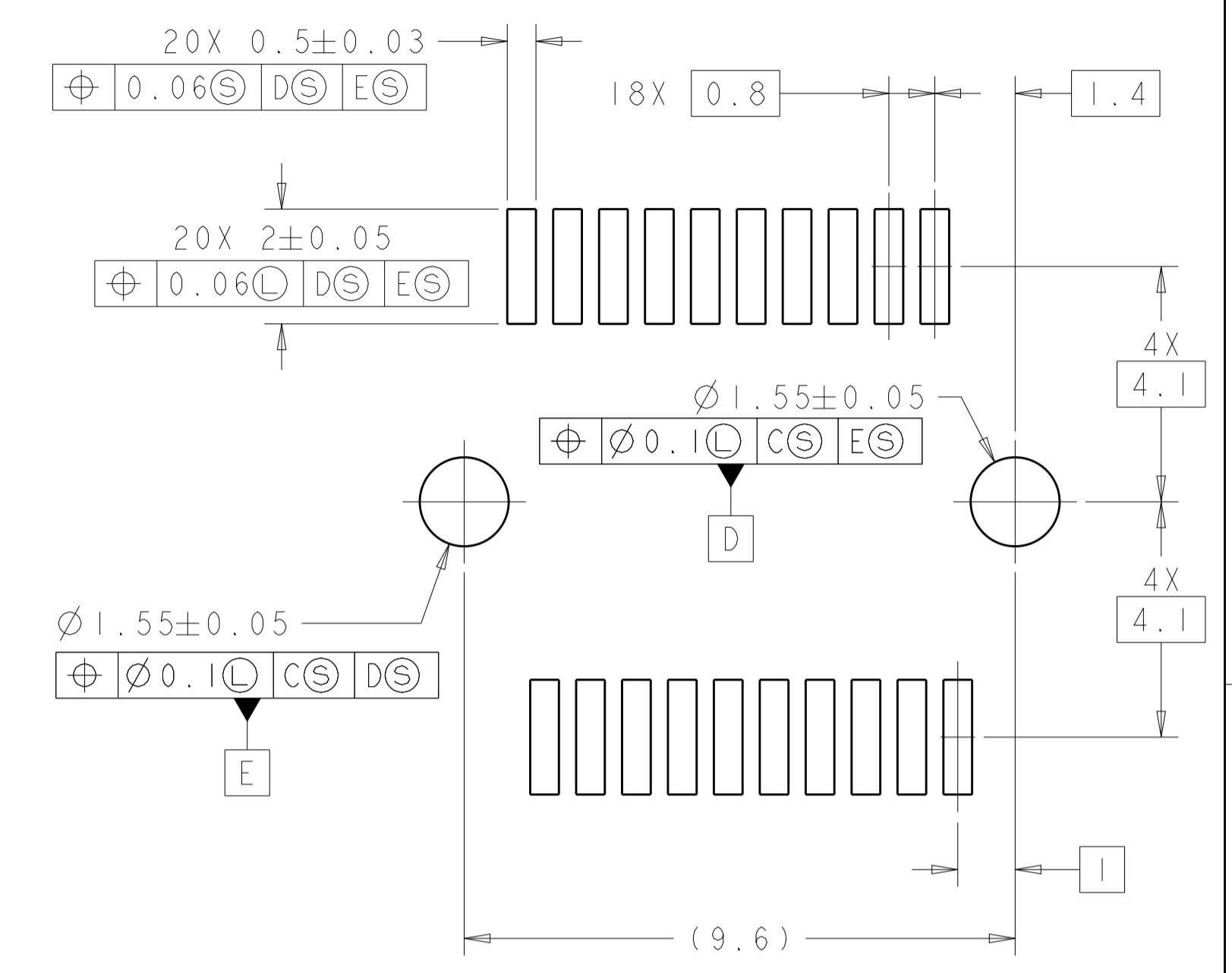
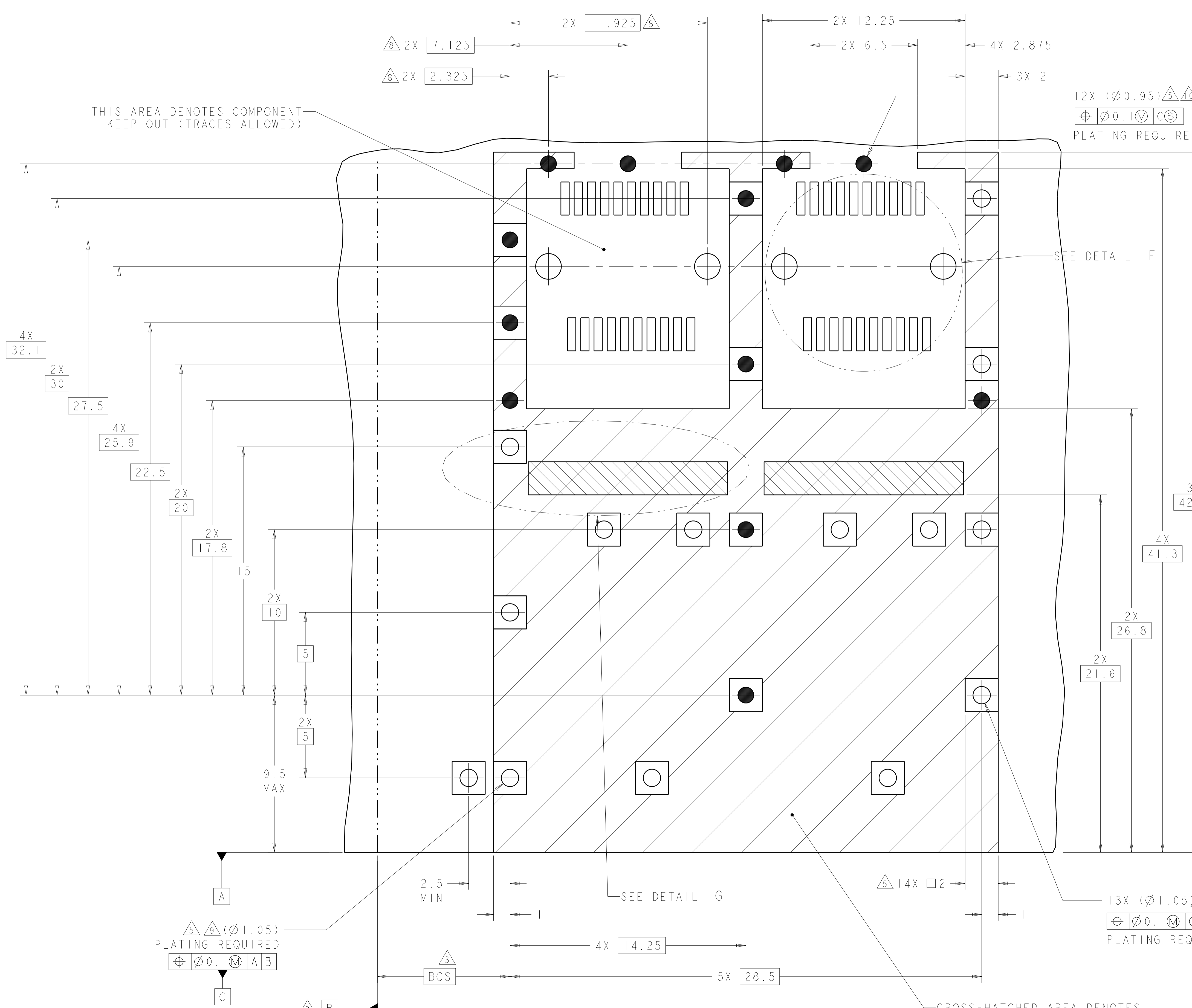


2180739-1
 MOUNTED BELLY TO BELLY ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN B. MATTHEWS 24MAY2011	TE Connectivity NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS
DIMENSIONS:		CHK M. SCHMITT 24MAY2011	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. SCHMITT 24MAY2011	SIZE 108-2364
0 PLC	±0.13	PRODUCT SPEC	APPLICATION SPEC
1 PLC	±0.1	114-13120	114-13120
2 PLC	±0.08	WEIGHT	
3 PLC	±0.05		
4 PLC	±0.05		
ANGLES	±0.5		
FINISH	±0.1		
MATERIAL		Customer Drawing	SCALE 6:1 SHEET 2 OF 4 REV A1

LOC	DIST	REV	DATE	APPV
GP	00			

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

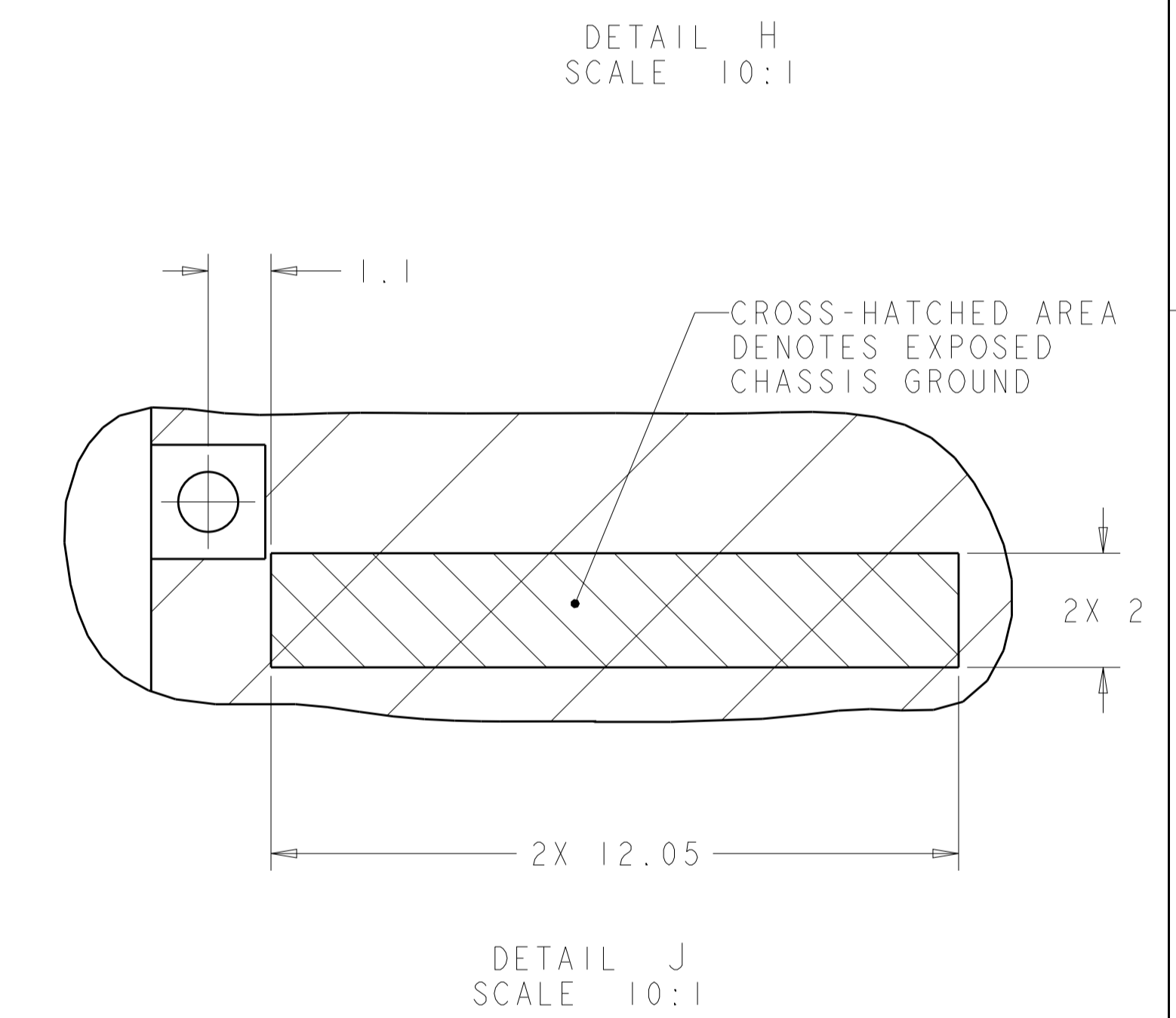
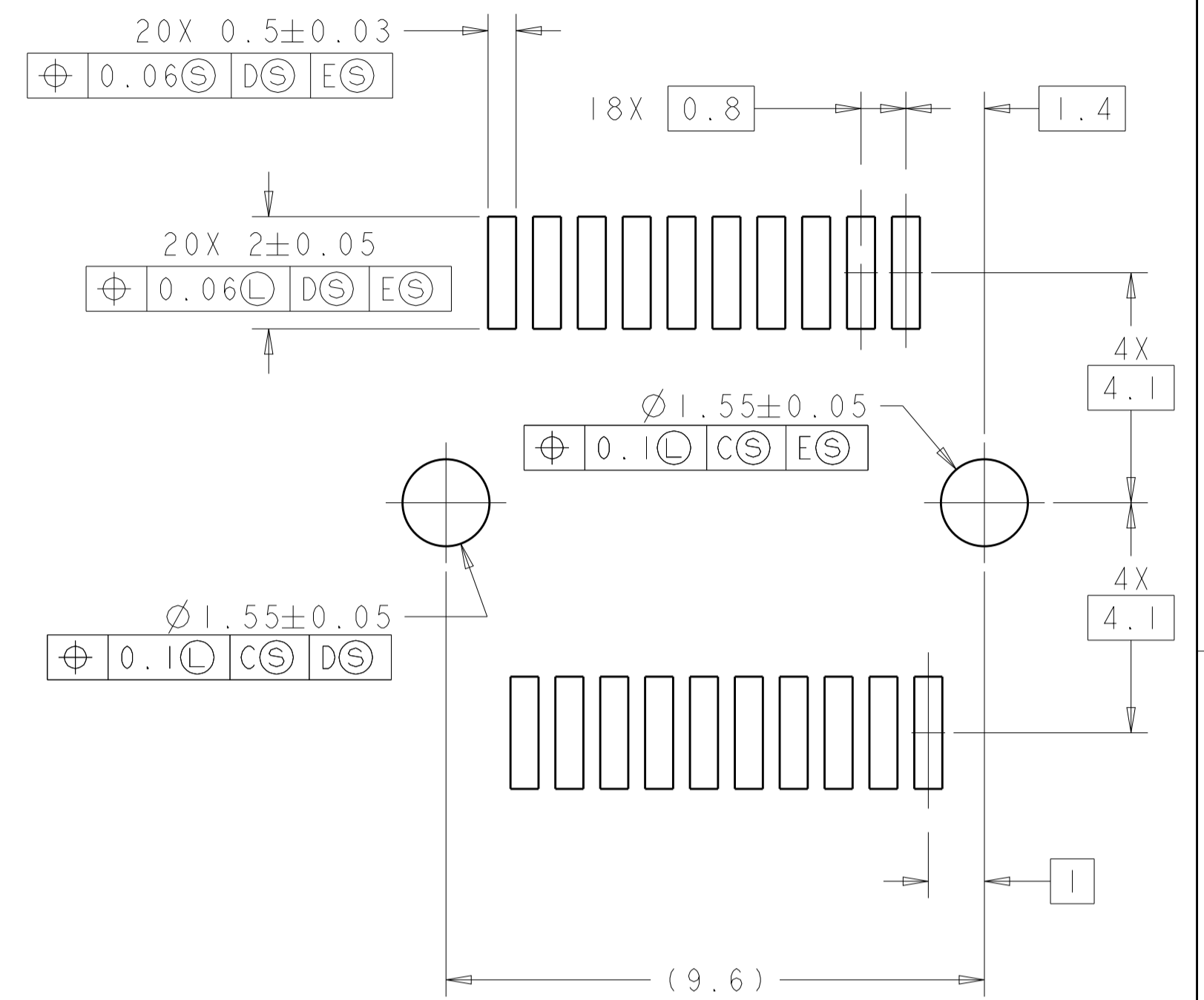
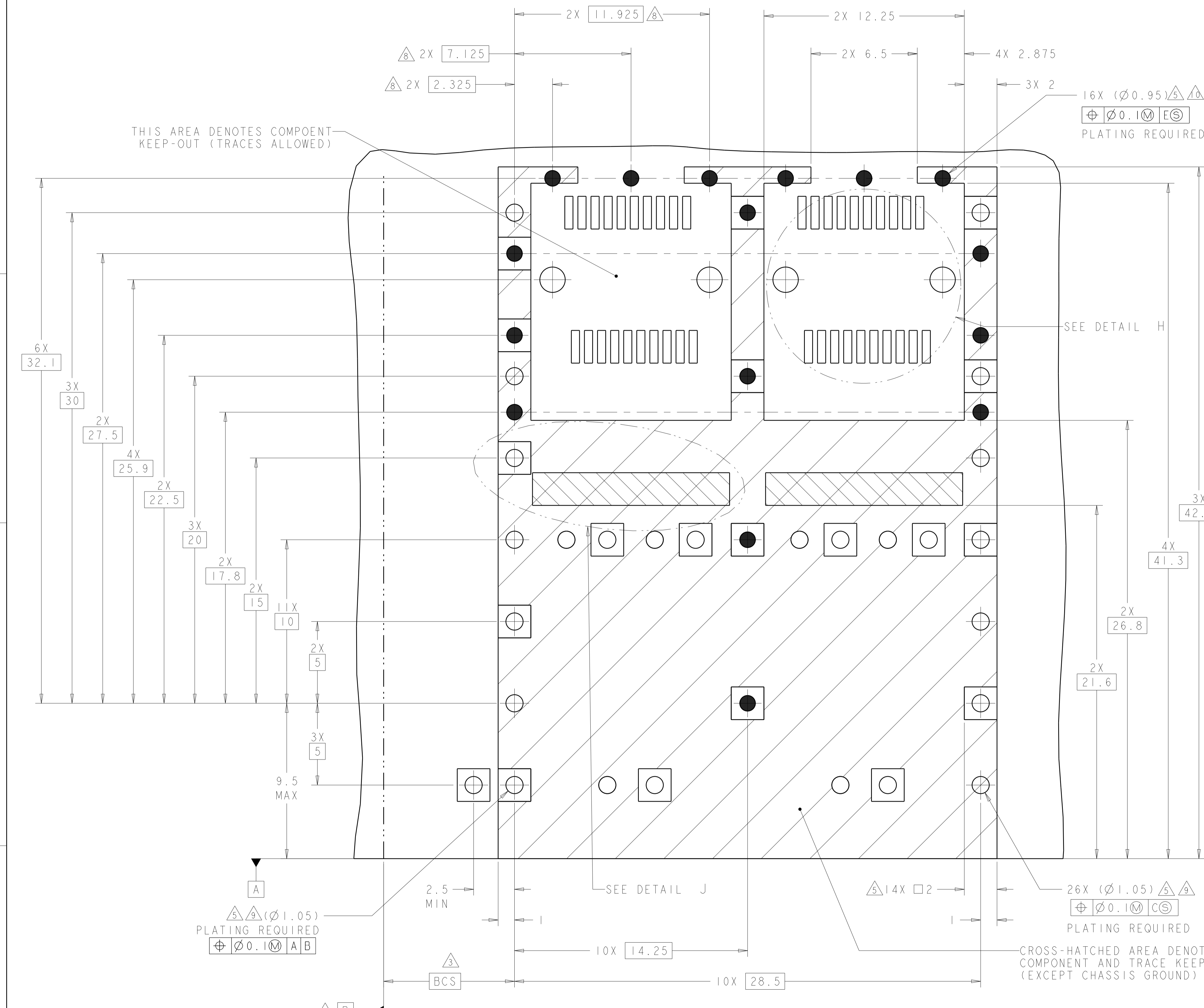


RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS SINGLE SIDED APPLICATIONS SCALE 8:1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: B. MATTHEWS 24MAY2011	TE Connectivity SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS
DIMENSIONS: mm		CHK: M. SCHMITT 24MAY2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APV: M. SCHMITT 24MAY2011	NAME: SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS
0 PLC ±0.13		PRODUCT SPEC 108-2364	SIZE: CAGE CODE DRAWING NO. RESTRICTED TO
1 PLC ±0.1		APPLICATION SPEC 114-13120	A100779 ©=2180739
2 PLC ±0.08		WEIGHT	SCALE 6:1 SHEET 3 OF 4 REV A1
3 PLC ±0.05			Customer Drawing
4 PLC ±0.05			
ANGLES ±0.5			
FINISH			

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



THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL H

SEE DETAIL J

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

PLATING REQUIRED
 $\varnothing 0.10$ A B

PLATING REQUIRED
 $\varnothing 0.10$ C S

RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS BELLY TO BELLY APPLICATIONS SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B. MATTHEWS 24MAY2011	TE Connectivity
DIMENSIONS: mm		CHK: M. SCHMITT 24MAY2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. SCHMITT 24MAY2011	NAME: SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 WEIGHT: - Customer Drawing
0 PLC ±0.13		PRODUCT SPEC: 108-2364	
1 PLC ±0.1		APPLICATION SPEC: 114-13120	
2 PLC ±0.08		SIZE: CAGE CODE DRAWING NO: A100779C=2180739	
3 PLC ±0.05		RESTRICTED TO: -	SCALE: 6:1 SHEET 4 OF 4 REV: A1
4 PLC ±0.05			
ANGLES: ±0.5			
FINISH: #1			