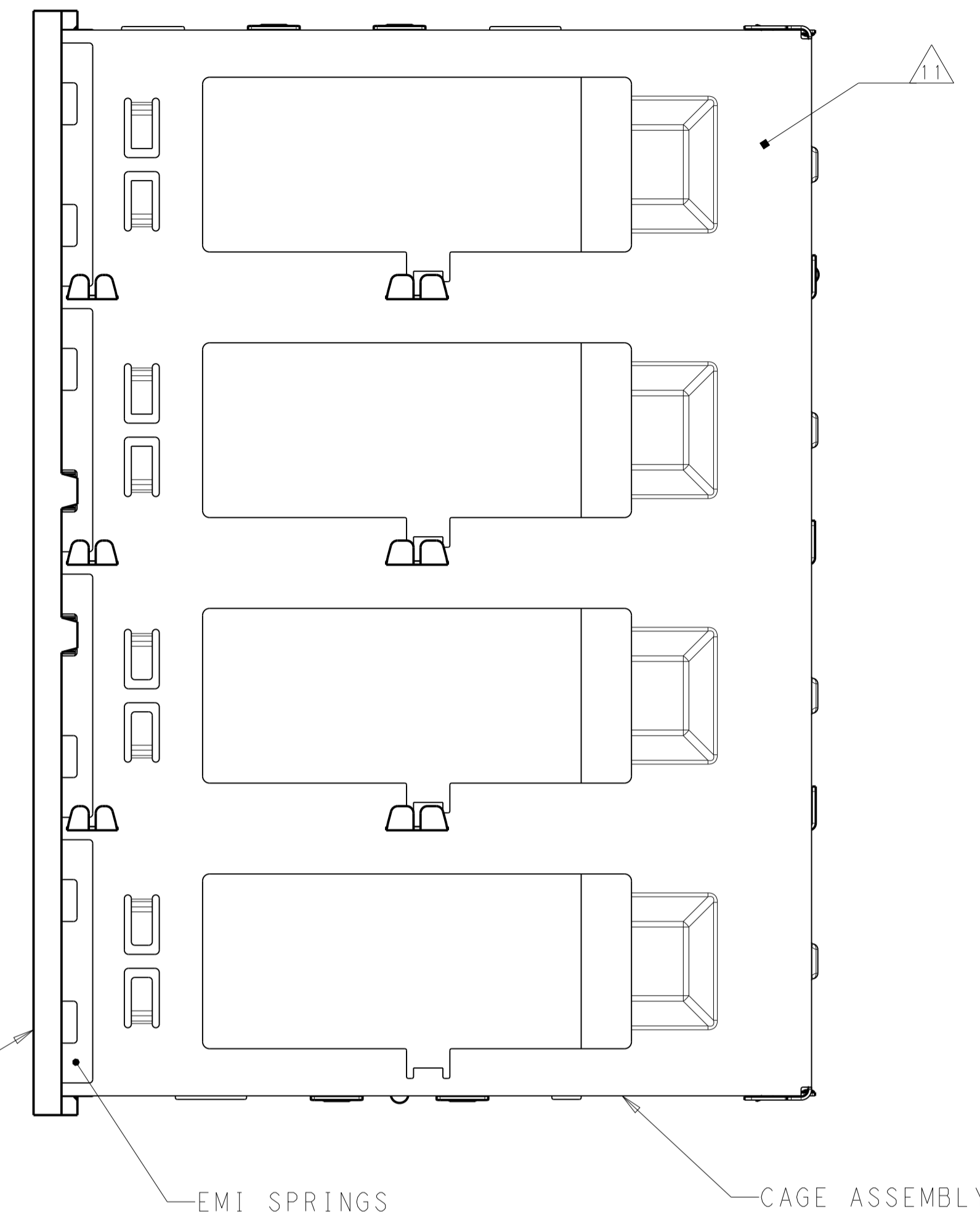
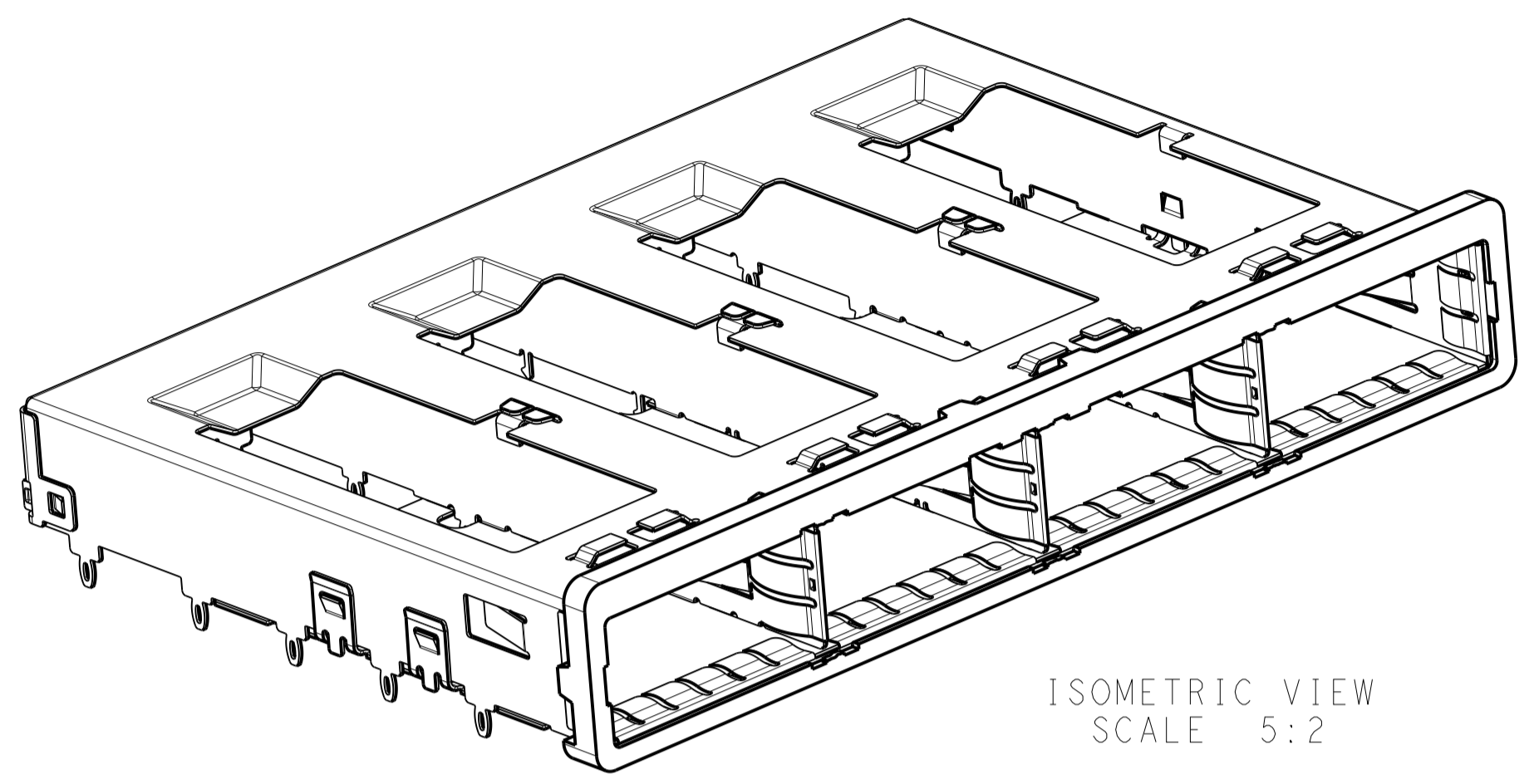
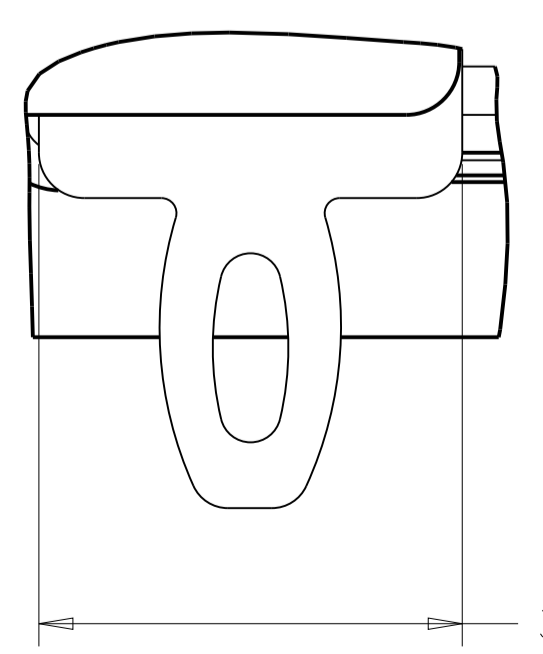
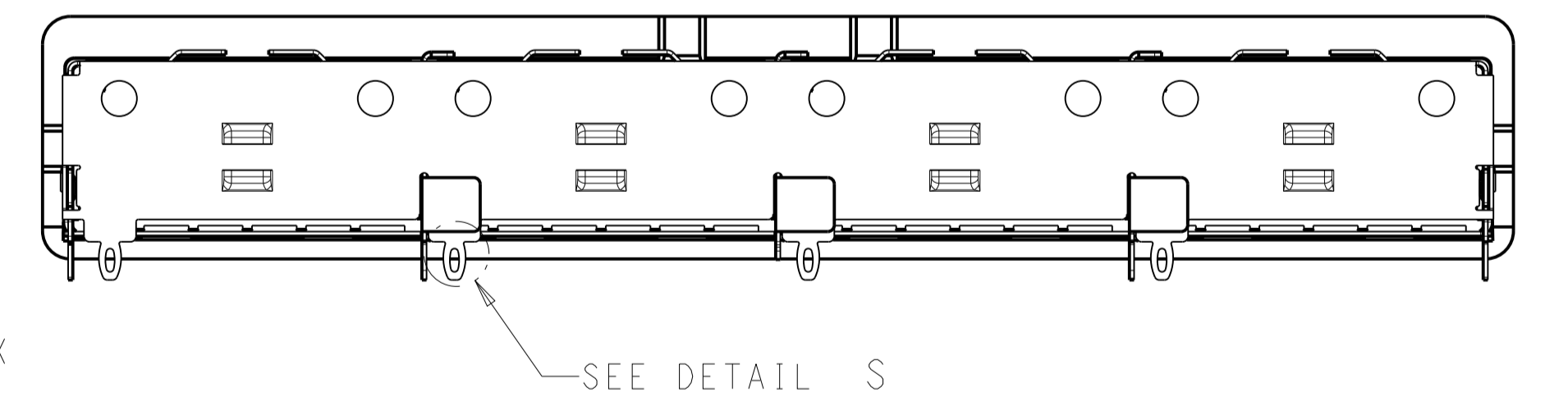
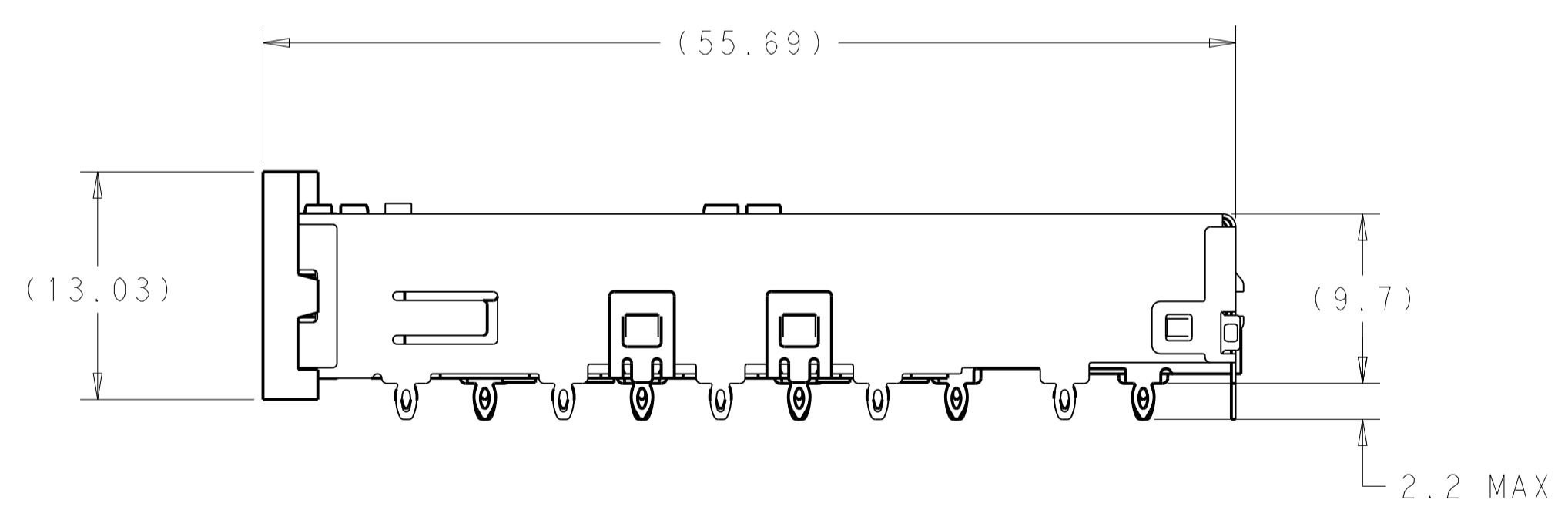
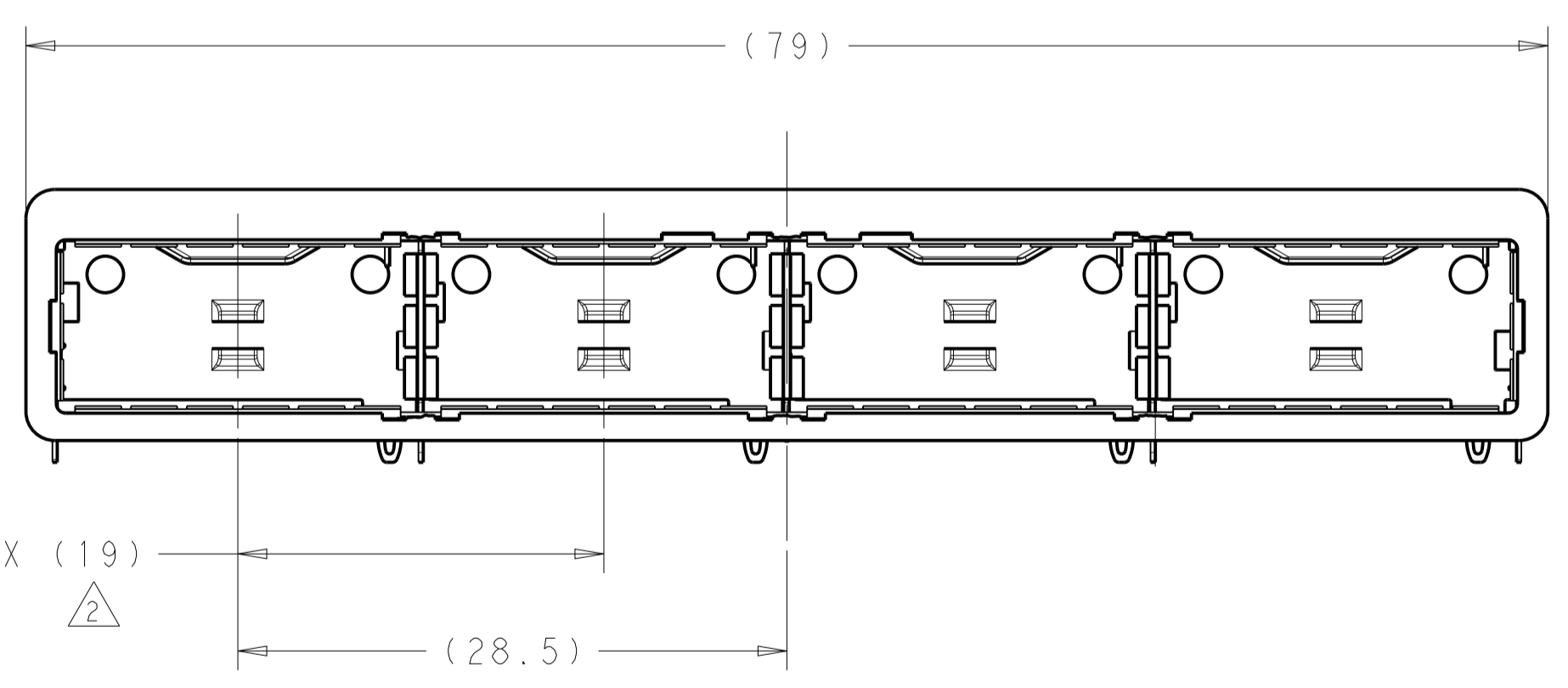


REVISIONS				
P.	LTN	DESCRIPTION	DATE	DMN APVD
A		RELEASED	21MAY2014	CJV EDB



- 1 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- 2 PITCH BETWEEN PORTS OF ONE 1X4 CAGE ASSEMBLY.
- 3 SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- 4 REFERENCE APPLICATION SPEC 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 5 UNPLATED THRU HOLE.
- 6 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 DATUM A IS TOP SURFACE OF PC BOARD.
- 8 DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.
MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.45mm
DOUBLE SIDED = 2.2mm
- 9 MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- 10 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- 11 DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
- 12 REFERENCE APP SPEC 114-32023 FOR GASKET THICKNESS CALCULATION.
- 13 MATERIAL:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
FRONT FLANGE: ZINC ALLOY
- 14 FINISH:
EMI SPRINGS: 2µm MINIMUM TIN
FRONT FLANGE: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL OVER 5.08µm MINIMUM COPPER.

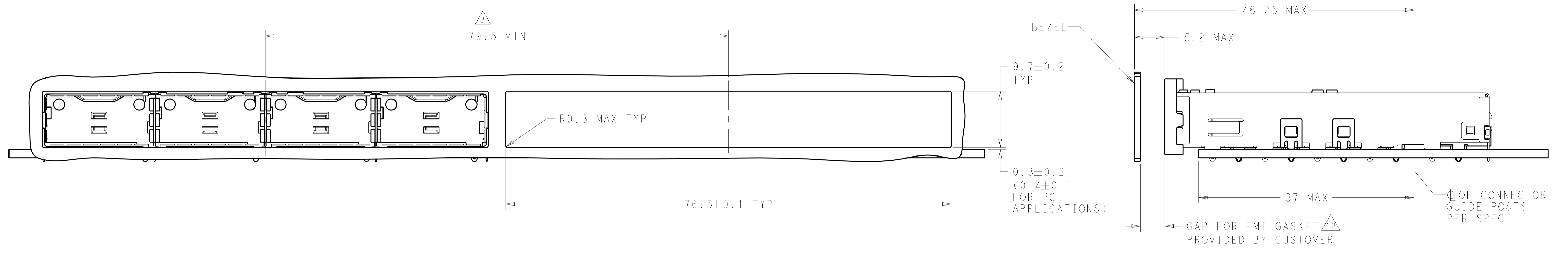


DETAIL S
SCALE 20:1

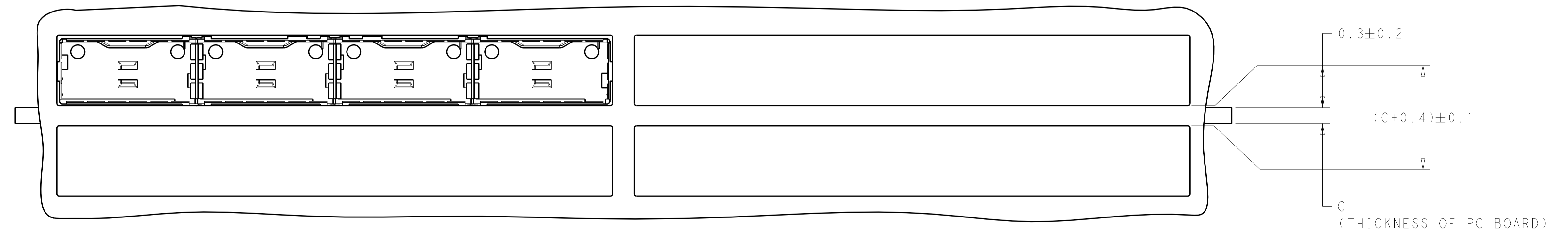
2227250-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN C. VALENTIN 20MAY2014	TE Connectivity	
DIMENSIONS:		CHK E. BRIANT 20MAY2014	NAME CAGE ASSEMBLY, BEHIND BEZEL, 1X4, QSFP28	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. BRIANT 20MAY2014	PRODUCT SPEC 108-19428	
mm			APPLICATION SPEC 114-32023	
0 PLC	±0.1		SIZE A1	RESTRICTED TO
1 PLC	±0.1		CAGE CODE C=2227250	
2 PLC	±0.1		SCALE 3:1	SHEET 1 OF 4
3 PLC	±0.1		REV A	
4 PLC	±0.1			
ANGLES	±0.1			
MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING	

REVISIONS				
P.	LTN	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-



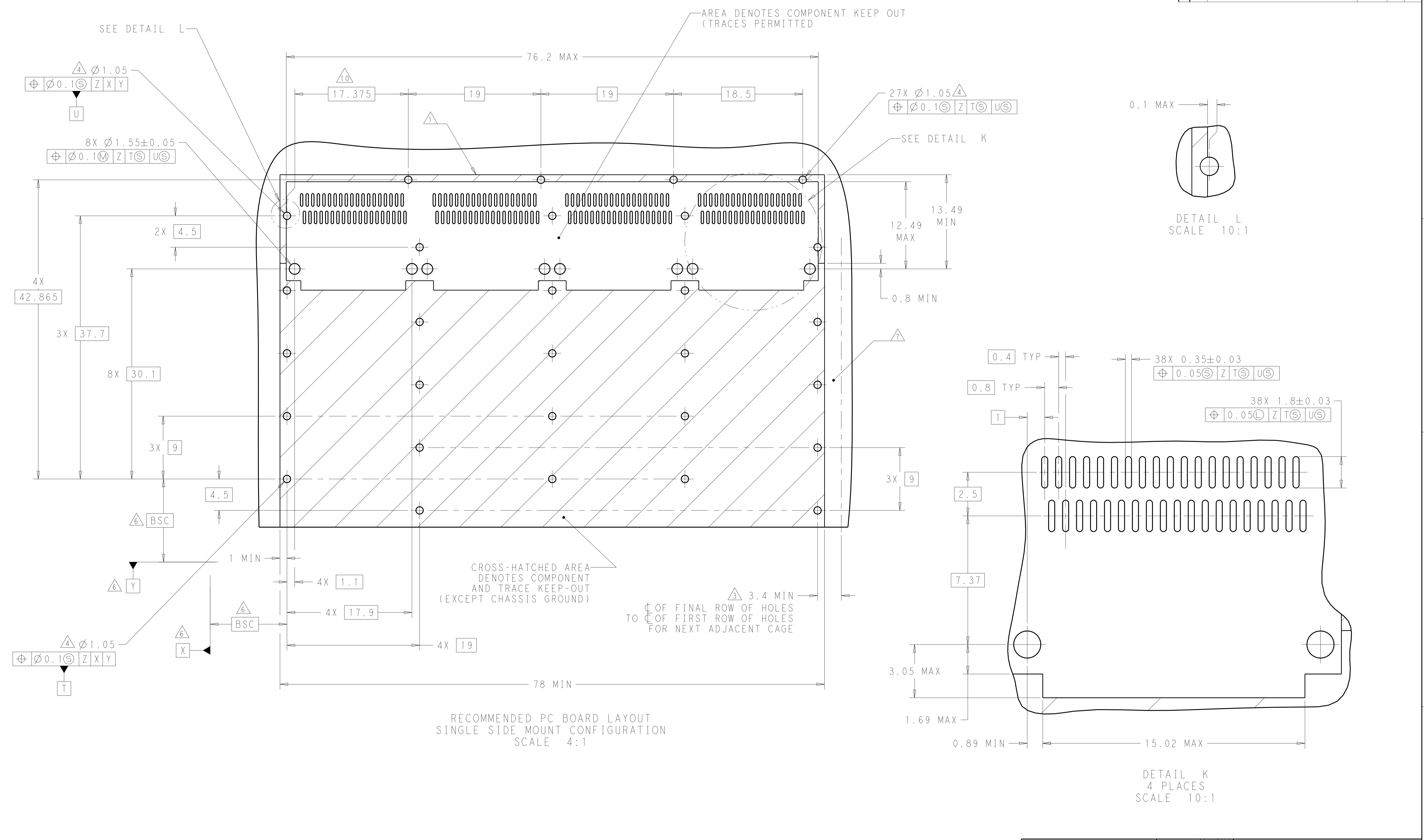
ONE SIDED CONFIGURATION



BELLY TO BELLY CONFIGURATION
 SIMILAR TO NOE SIDED
 EXCEPT WHERE NOTED

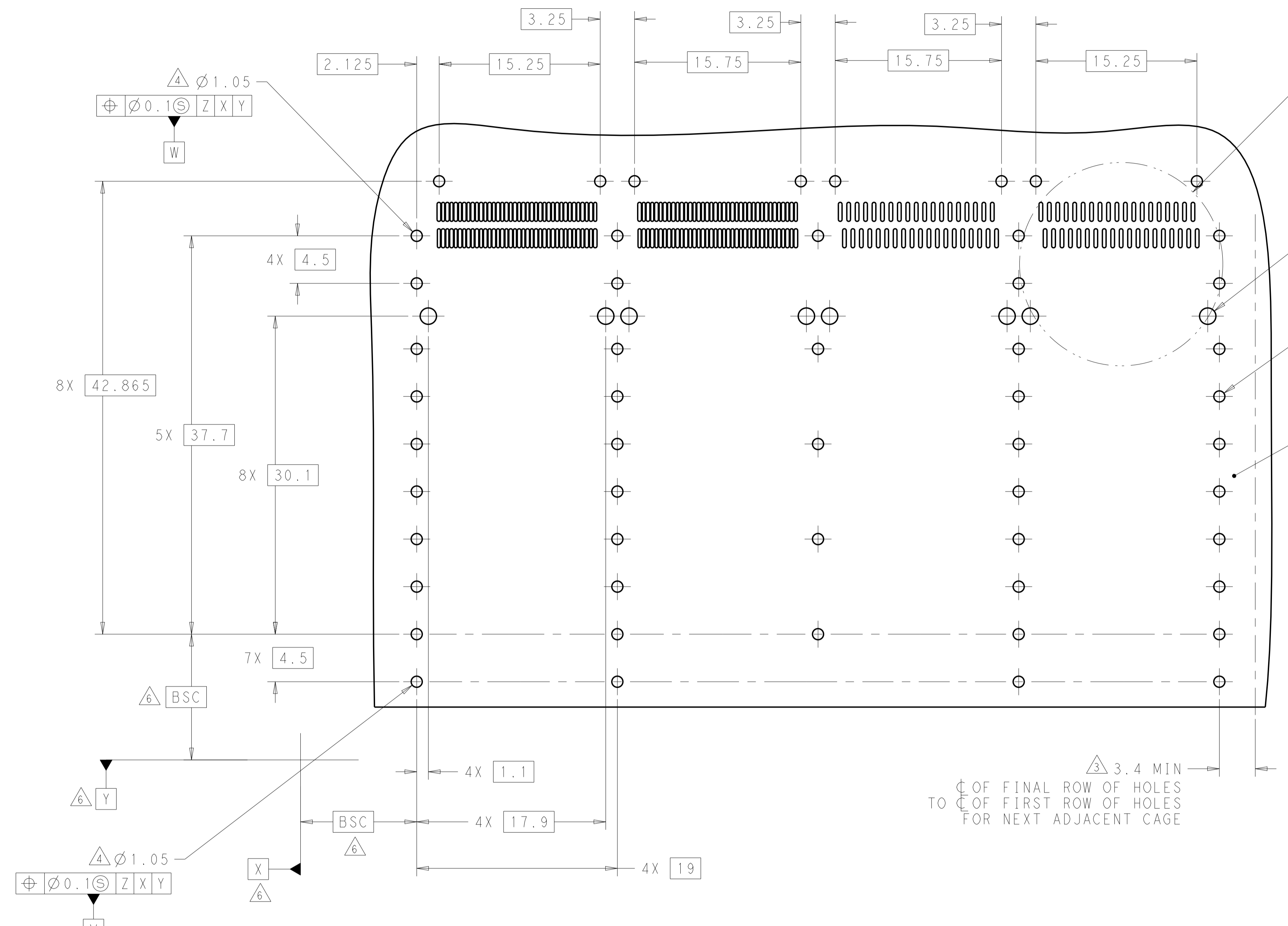
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: C. VALENTIN 20MAY2014	TE Connectivity
DIMENSIONS: mm		CHK: E. BRIANT 20MAY2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1		APVD: E. BRIANT 20MAY2014	NAME: CAGE ASSEMBLY, BEHIND BEZEL, 1X4, QSFP28
MATERIAL FINISH		PRODUCT SPEC: 108-19428	RESTRICTED TO: -
DIMENSIONS: mm 		APPLICATION SPEC: 114-32023	SIZE: A1
MATERIAL FINISH		WEIGHT: -	CAGE CODE: -
CUSTOMER DRAWING		SCALE: 3:1	SHEET 2 OF 4
		REV: A	

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
-	-	-	-	SEE SHEET 1



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. VALENTIN ZOMAY2014	DATE 20MAY2014	 TE Connectivity
DIMENSIONS: mm		CHK E. BRIANT ZOMAY2014	NAME CAGE ASSEMBLY, BEHIND BEZEL, 1X4, QSFP28	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. BRIANT ZOMAY2014	PRODUCT SPEC 108-19428	SIZE A1 CAGE CODE - DRAWING NO. C=2227250
0 PLC ± 0.1 1 PLC ± 0.1 2 PLC ± 0.1 3 PLC ± 0.1 4 PLC ± 0.1 ANGLES ± 0.1		APPLICATION SPEC 114-32023	RESTRICTED TO	
MATERIAL		FINISH	WEIGHT	SCALE 3:1 SHEET 3 OF 4 REV A
CUSTOMER DRAWING				

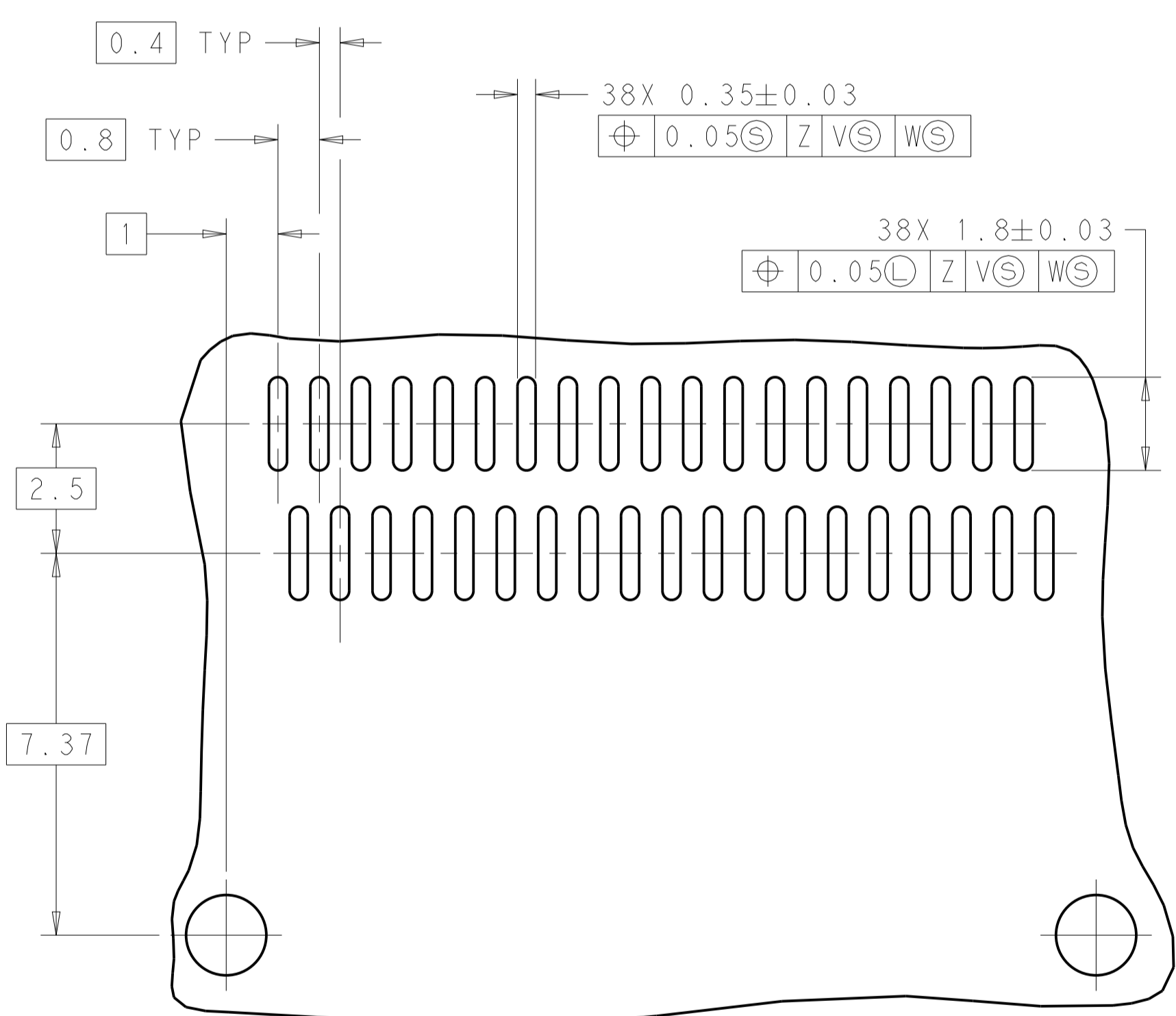
REVISIONS				
REV	LTN	DESCRIPTION	DATE	APPD
-	-	SEE SHEET 1	-	-



SEE DETAIL M

8X $\phi 1.55 \pm 0.05$ Δ
 $\phi 0.1$ \textcircled{M} Z | V \textcircled{S} | W \textcircled{S}

51X $\phi 1.05$ Δ
 $\phi 0.1$ \textcircled{M} Z | V \textcircled{S} | W \textcircled{S}



RECOMMENDED PC BOARD LAYOUT
 BELLY TO BELLY CONFIGURATION
 SCALE 4:1

DETAIL M
 4 PLACES
 SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. VALENTIN ZOMAY2014	TE Connectivity
DIMENSIONS: mm		CHK E. BRIANT ZOMAY2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. BRIANT ZOMAY2014	NAME CAGE ASSEMBLY, BEHIND BEZEL, 1X4, QSFP28
0 PLC ± 0.1	1 PLC ± 0.1	PRODUCT SPEC 108-19428	SIZE A1
2 PLC ± 0.1	3 PLC ± 0.1	APPLICATION SPEC 114-32023	CAGE CODE C=2227250
4 PLC ± 0.1	ANGLES ± 0.1	WEIGHT	RESTRICTED TO
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 3:1 SHEET 4 OF 4 REV A