



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

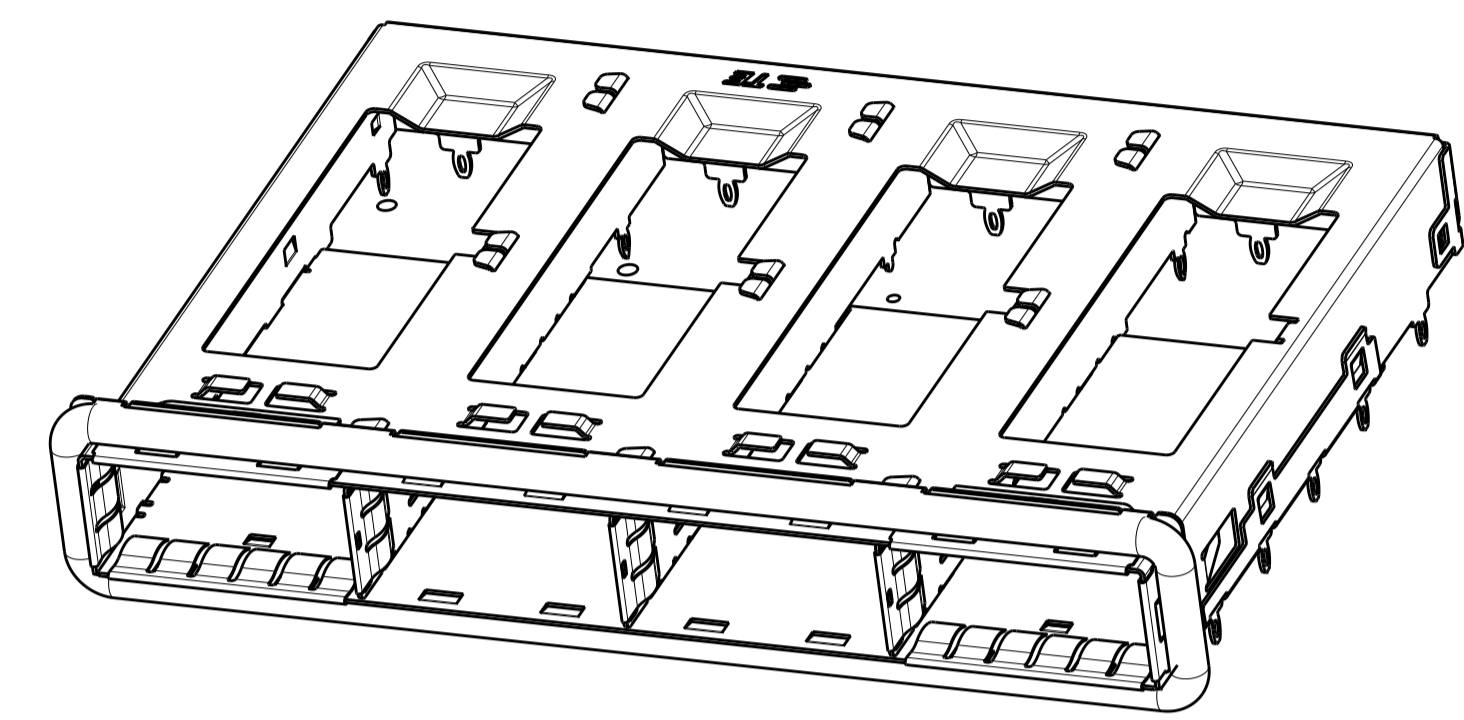
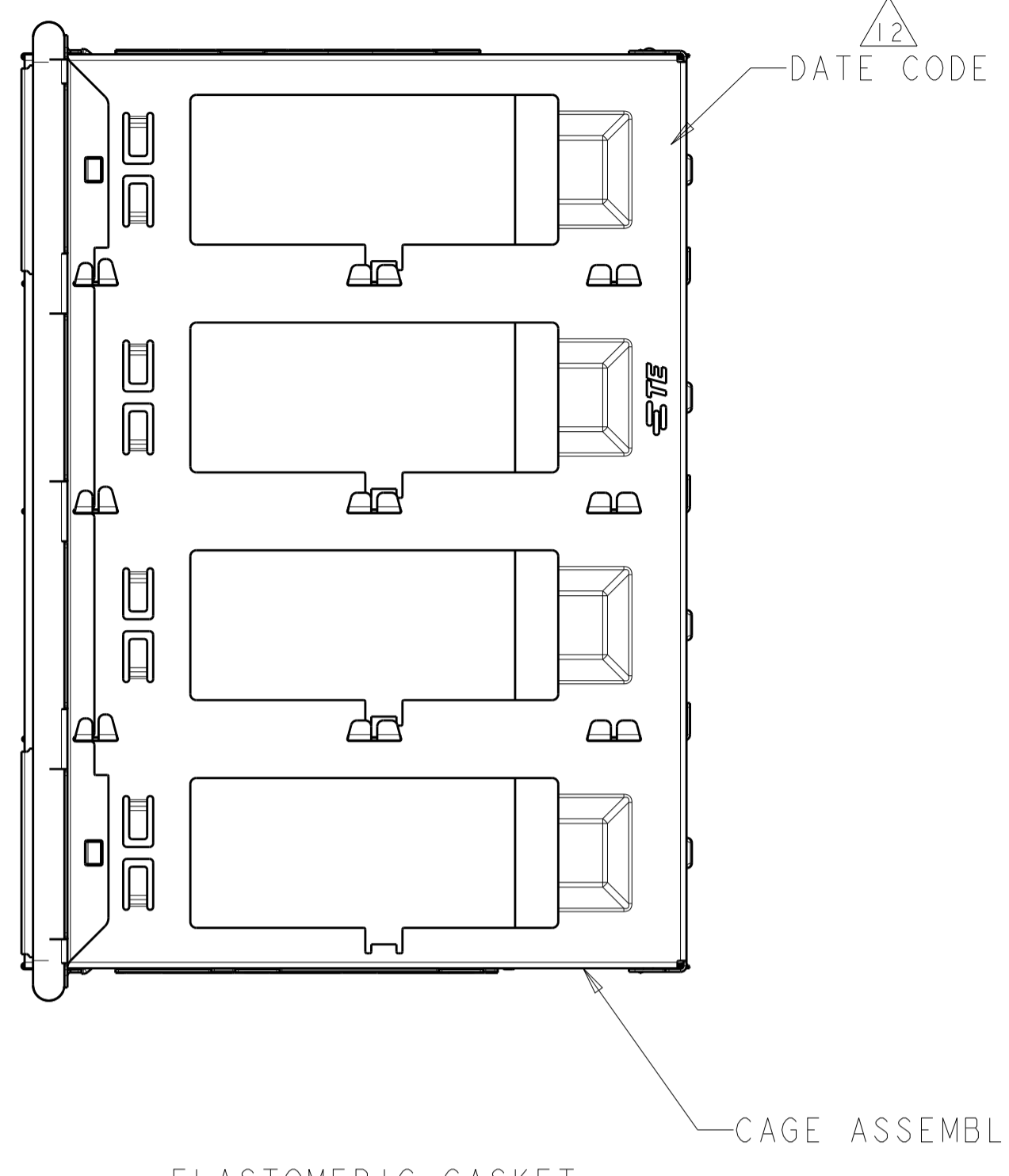
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

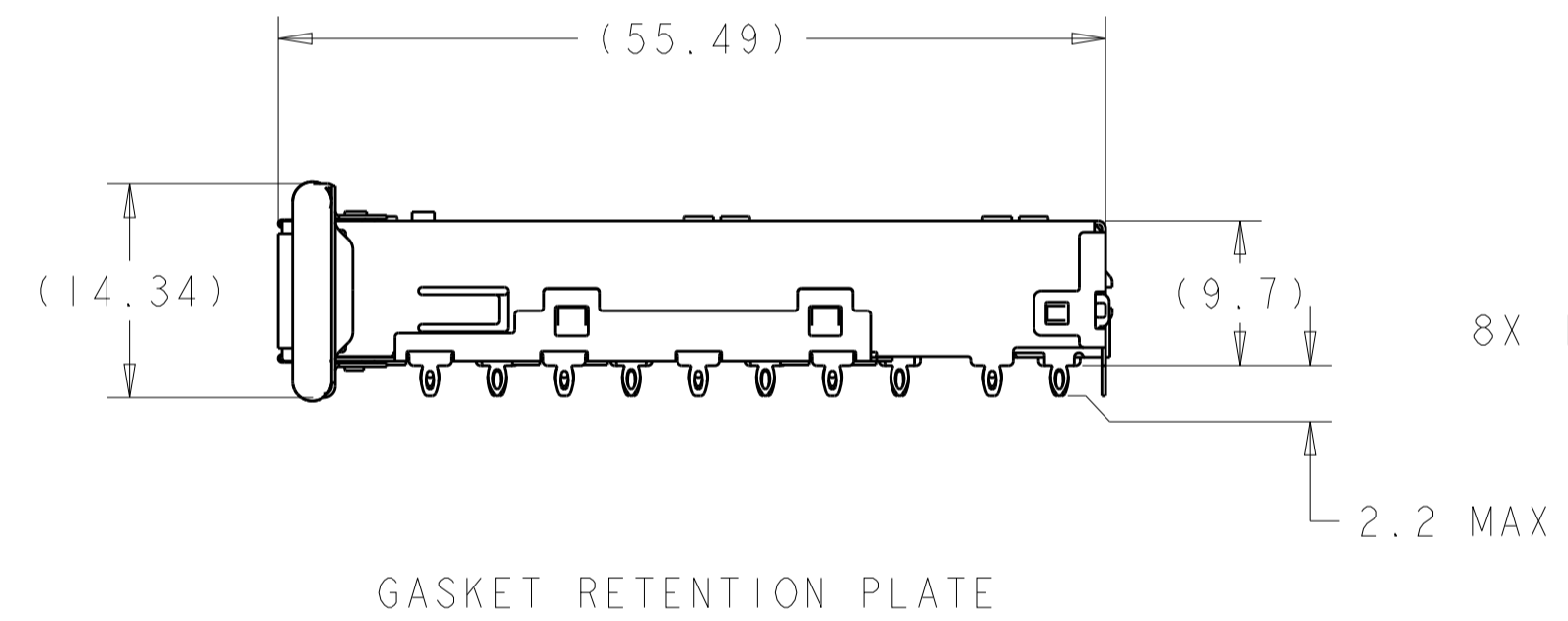
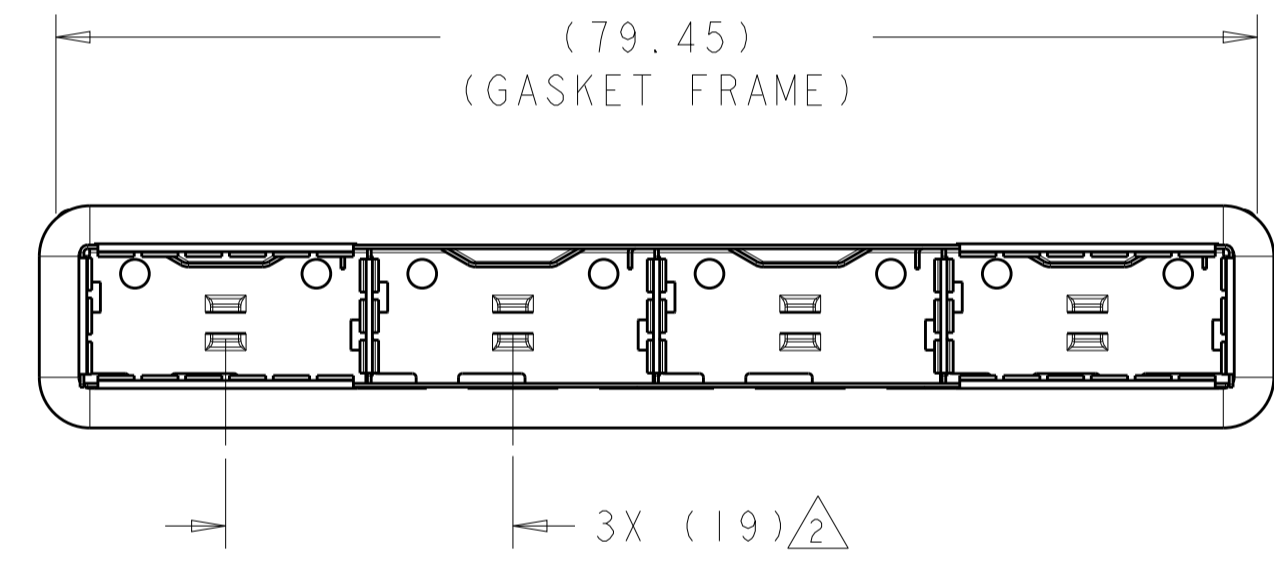


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
A		RELEASE TO ACTIVE	1NOV2016	RG	SH		

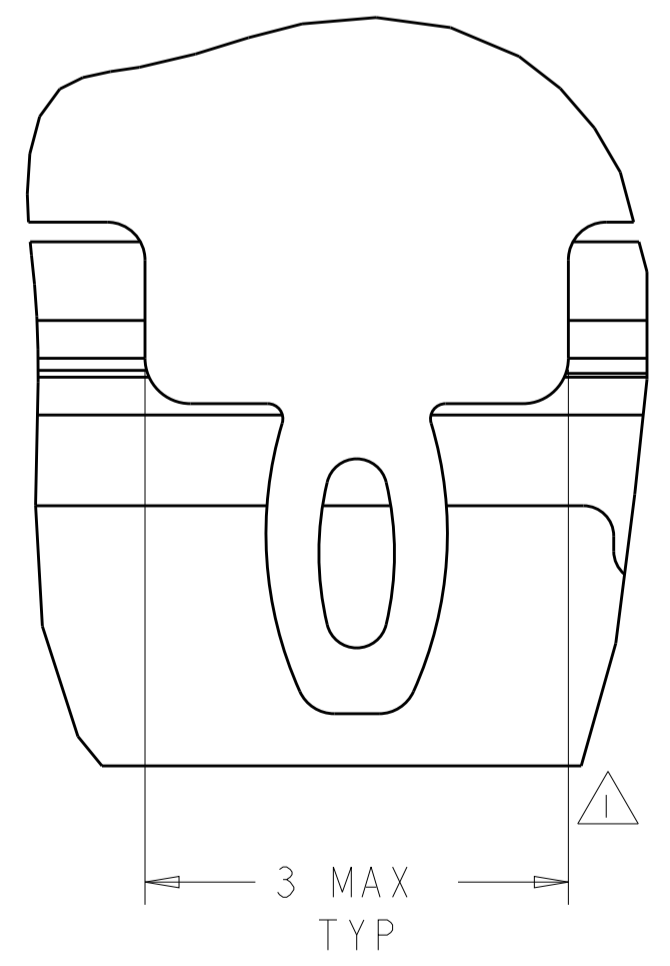
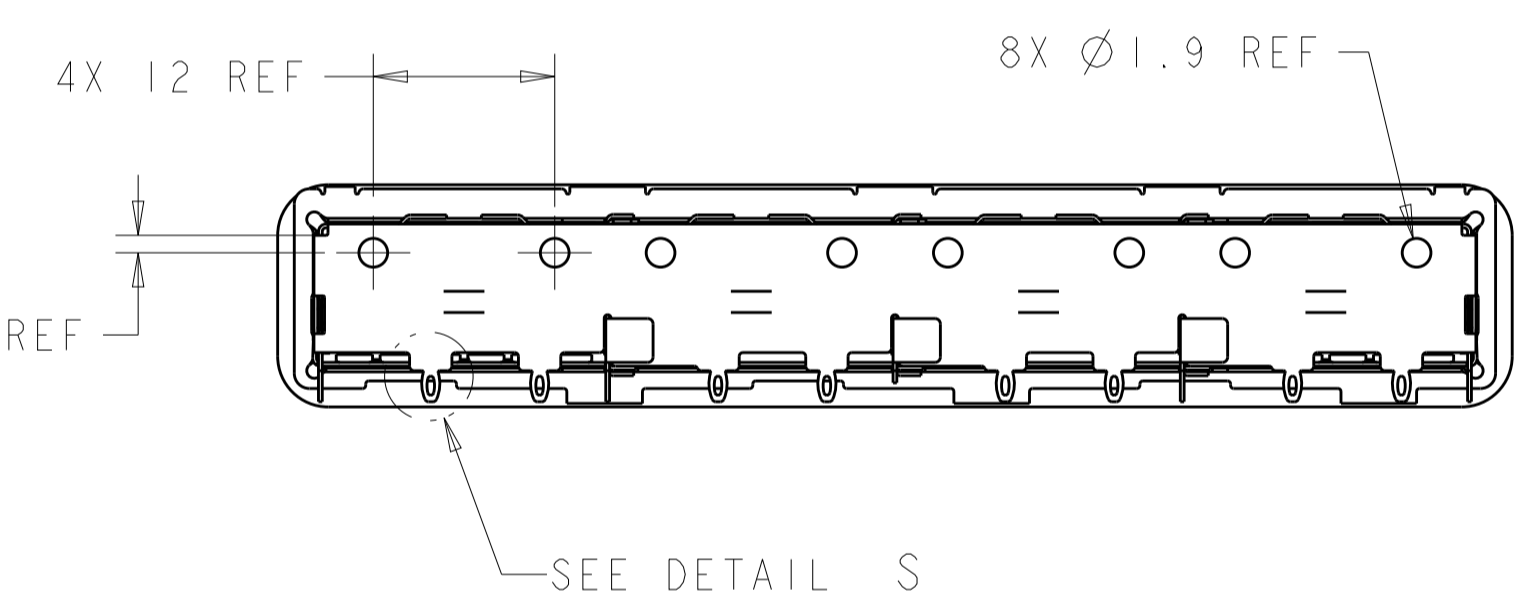
- 1 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- 2 PITCH BETWEEN PORTS OF ONE 1X4 CAGE.
- 3 SPACING BETWEEN CAGES ON THE SAME PC BOARD. TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- 4 REFERENCE APPLICATION SPEC 114-13217 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 5 UNPLATED THRU HOLE.
- 6 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 7 DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
- 8 DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD. MINIMUM PC BOARD THICKNESS:
 SINGLE SIDED: 1.45mm
 DOUBLE SIDED: 5.0mm PER CUSTOM
- 9. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- 10 BASELINE FOR THE DIMENSION IS CENTER OF COMPLIANT PIN HOLE.
- 11 LED ON HOST BOARD. QUANTITY, POSITION, AND GEOMETRY DEPENDS ON CHOICE OF LIGHT PIPES.
- 12 DATE CODE (YYWW) MARKED APPROXIMATELY AS SHOWN.
- 13 REFERENCE APP SPEC 114-13217 FOR GASKET THICKNESS CALCULATION.
- 14 MATERIAL:
 CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
 EMI SPRINGS: COPPER ALLOY
 GASKET PLATE: STAINLESS STEEL
- 15 FINISH:
 EMI SPRINGS: TIN PLATING OVER NICKEL



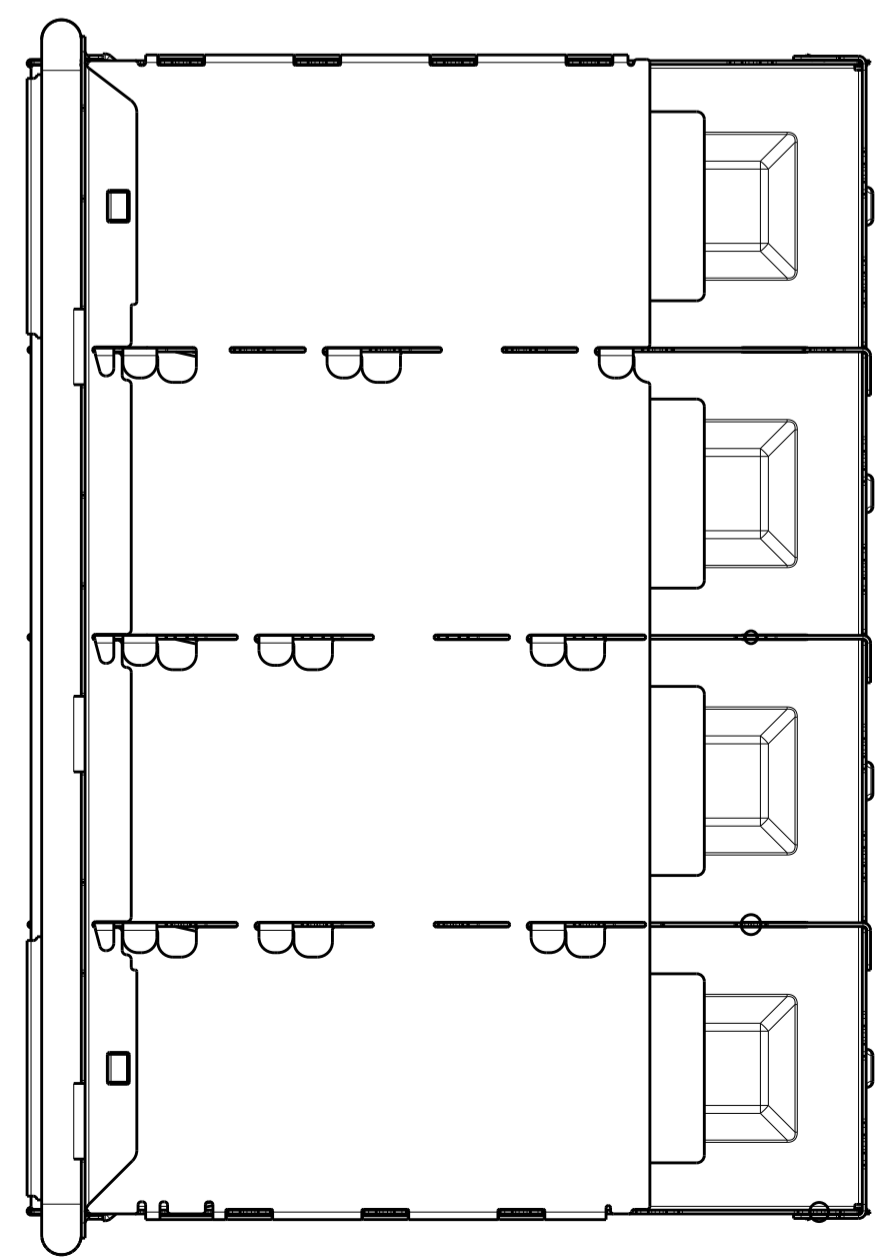
ELASTOMERIC GASKET



GASKET RETENTION PLATE



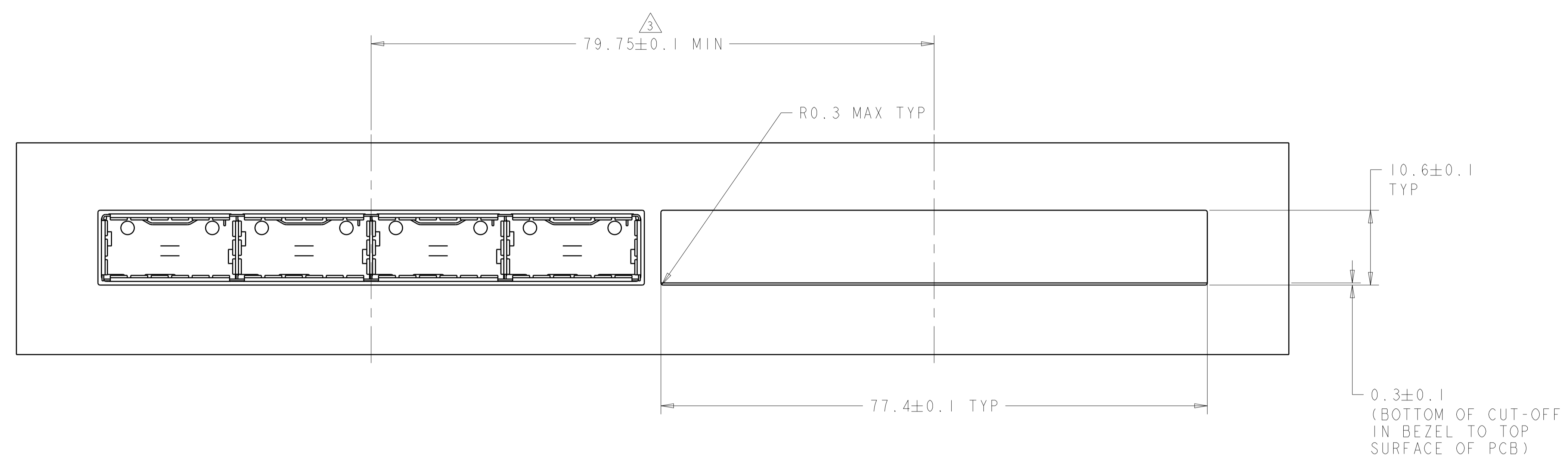
DETAIL S
 SCALE 20:1



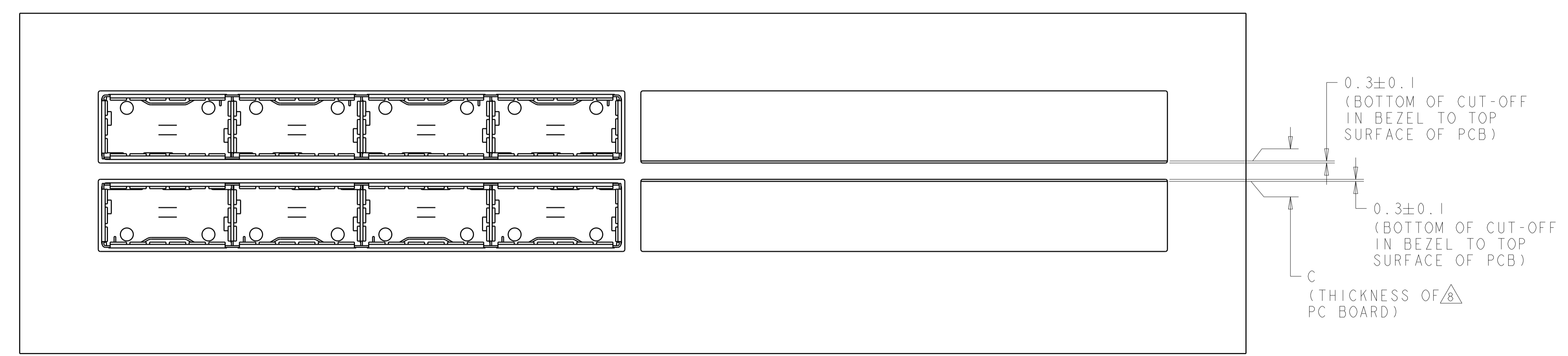
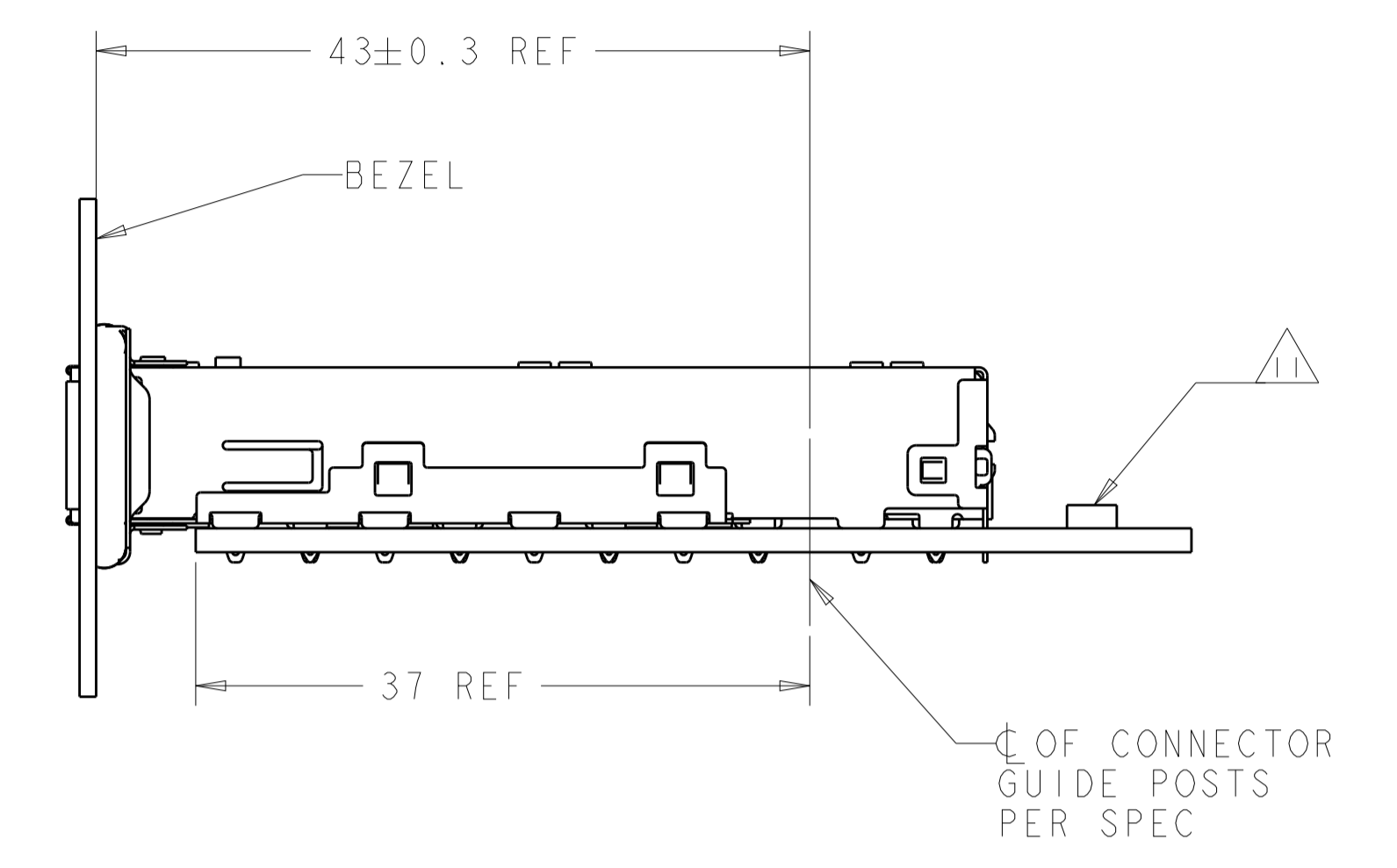
2170288-1
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: KINSEN SUN 05MAR2012	TE Connectivity
DIMENSIONS: mm		CHK: DENNY ZHU 05MAR2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: AILEY CAI 05MAR2012	NAME: 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ ELASTOMERIC GASKET, QSFP
0 PLC	±	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC	±0.25	108-2286	RESTRICTED TO
2 PLC	±0.15	APPLICATION SPEC	A100779C=2170288
3 PLC	±	114-13217	SCALE 2:1 SHEET 1 OF 4 REV A
4 PLC	±	WEIGHT	
ANGLES	±	CUSTOMER DRAWING	
MATERIAL	FINISH		

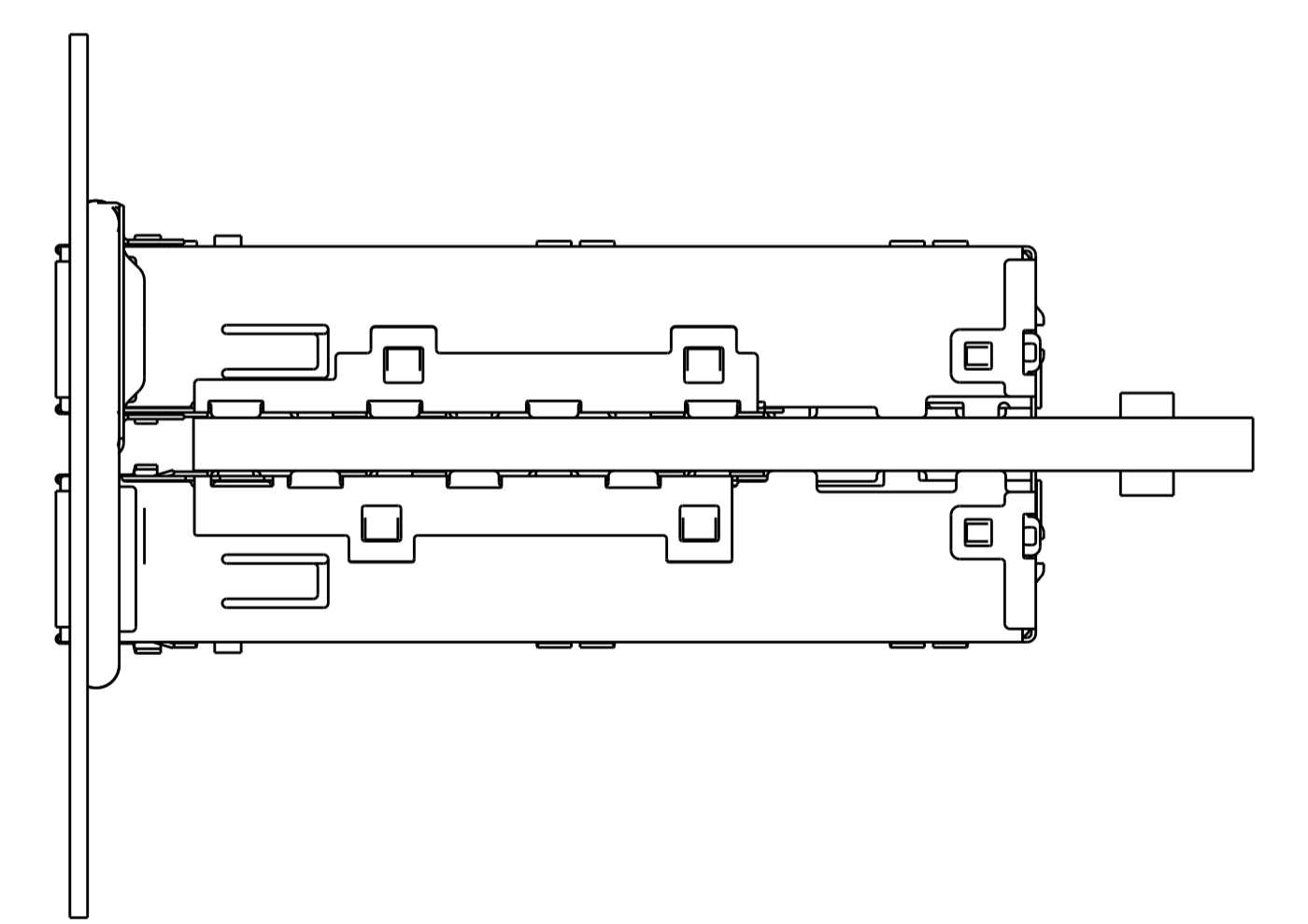
LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



ONE SIDED CONFIGURATION
 SCALE 5:2



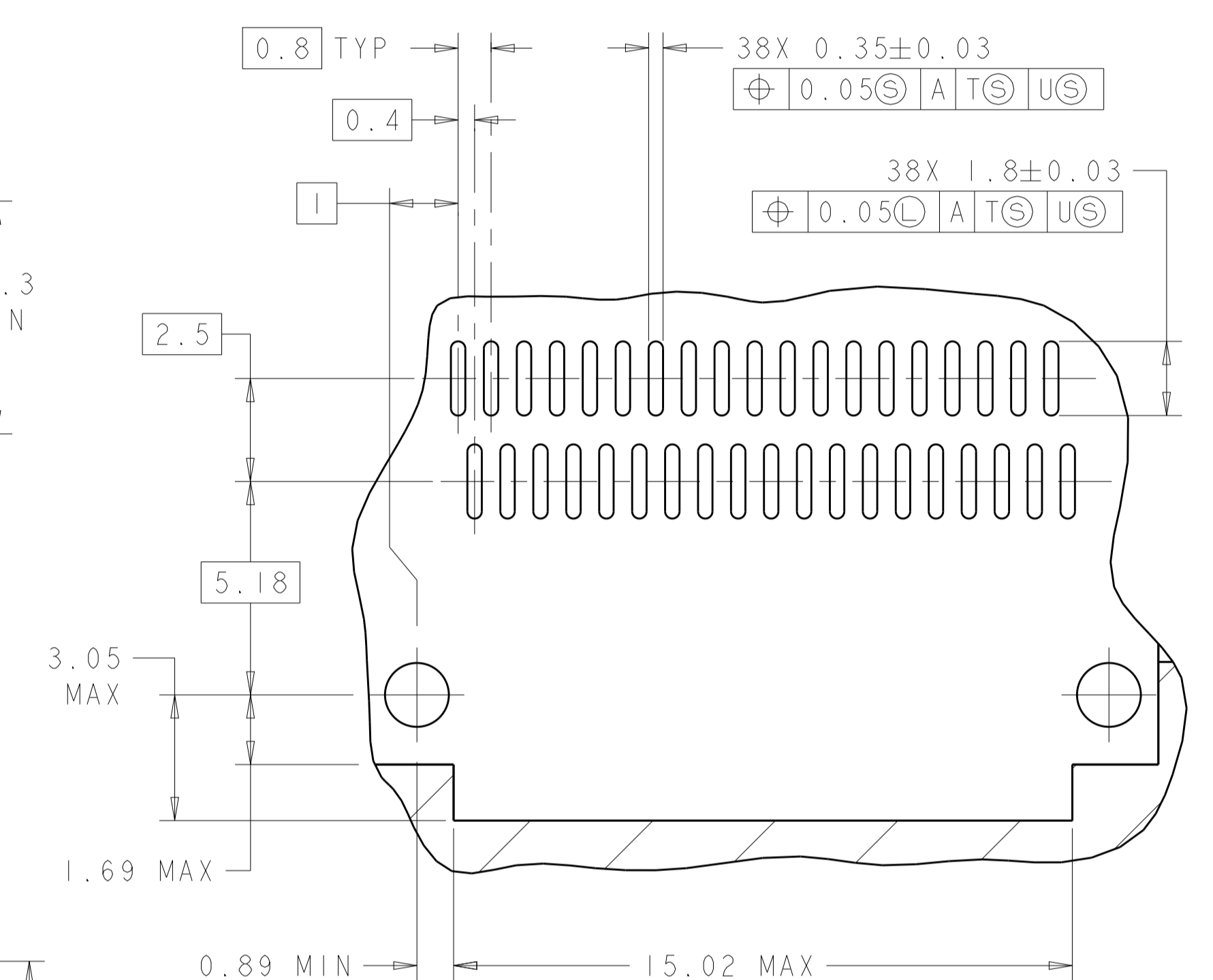
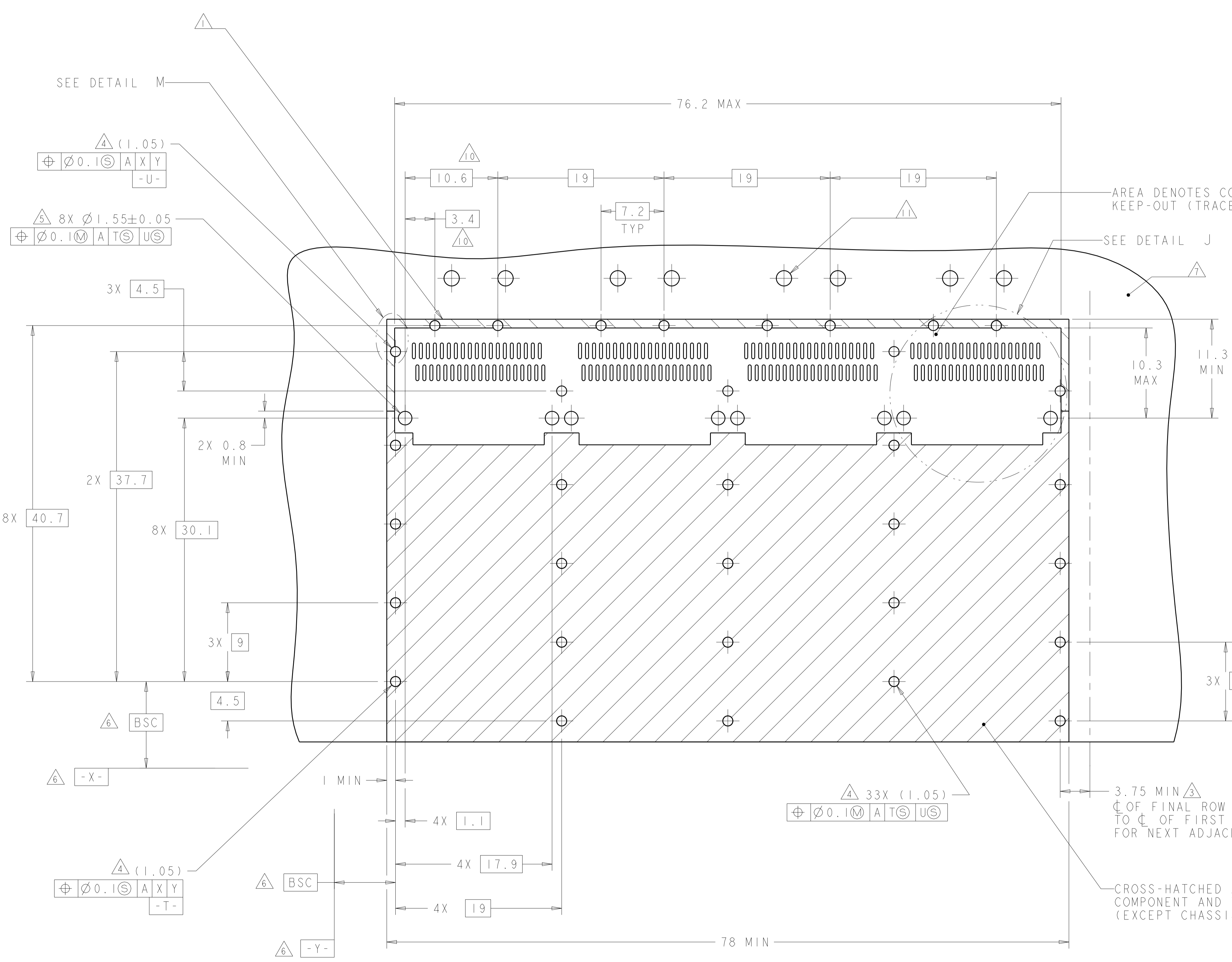
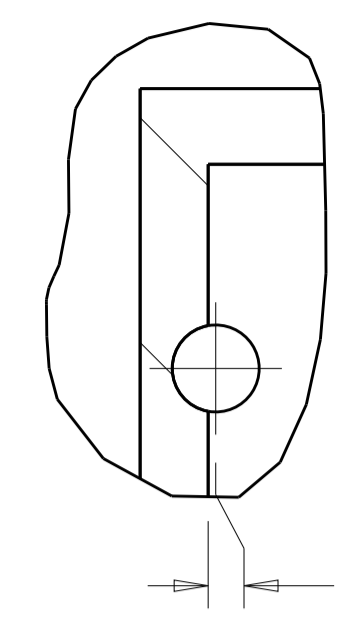
BELLY TO BELLY CONFIGURATION SIMILAR
 TO ONE SIDED EXCEPT WHERE NOTED
 SCALE 5:2



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN KINSEN SUN 05MAR2012	TE Connectivity
DIMENSIONS:		CHK DENNY ZHU 05MAR2012	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 05MAR2012	NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ ELASTOMERIC GASKET, QSFP
0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ±	FINISH -	PRODUCT SPEC 108-2286	SIZE 114-13217
MATERIAL		APPLICATION SPEC	RESTRICTED TO
		WEIGHT	A100779C=2170288
		CUSTOMER DRAWING	SCALE 2:1 SHEET 2 OF 4 REV A

LOC	DIST	REV	DATE	BY	APPV
GP	00				

DETAIL M
 SCALE 10:1



DETAIL J
 4 PLACES
 SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
 SINGLE SIDE MOUNT CONFIGURATION
 SCALE 4:1

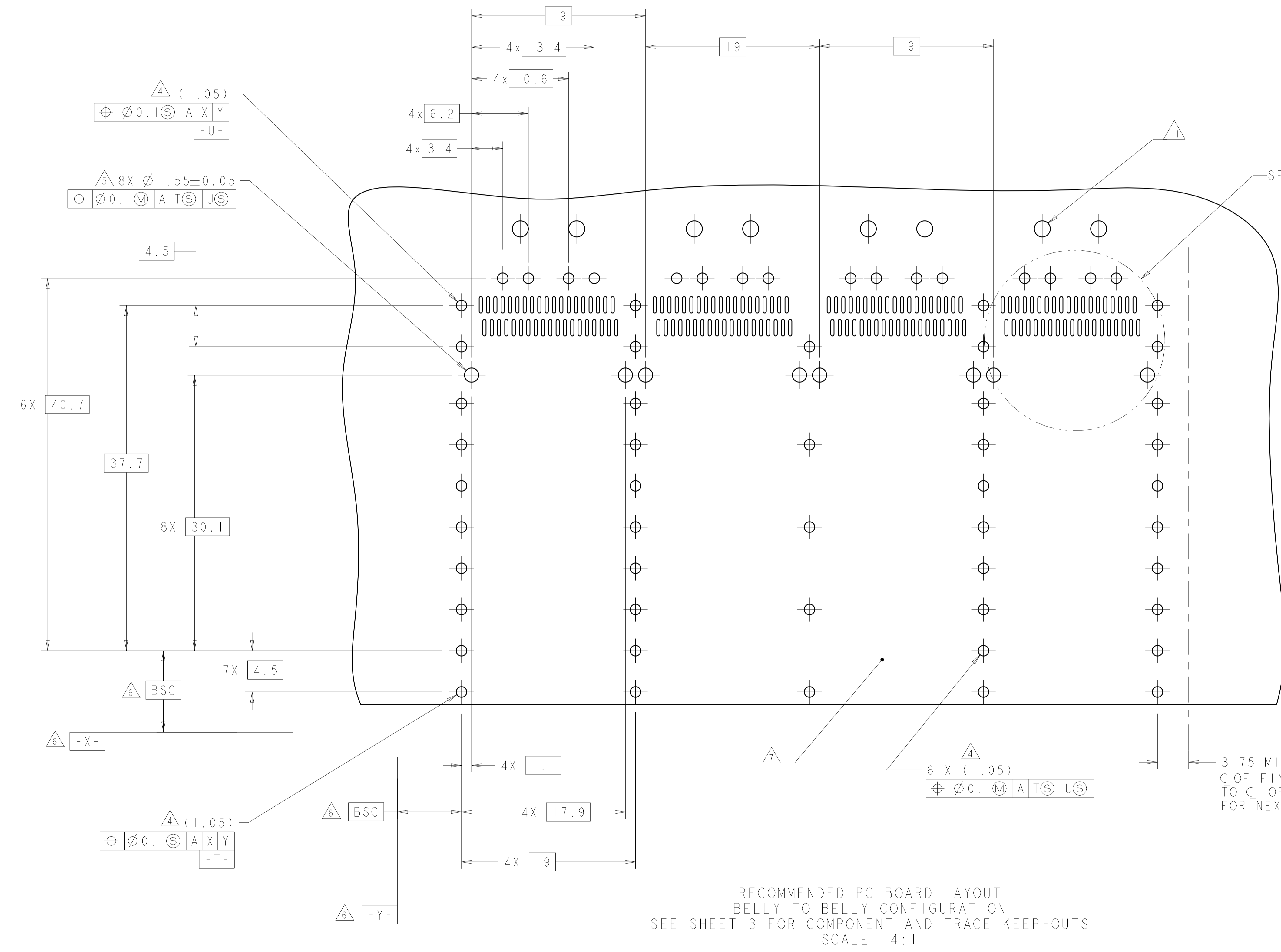
3.75 MIN ϕ OF FINAL ROW OF HOLES TO ϕ OF FIRST ROW OF HOLES FOR NEXT ADJACENT CAGE.

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

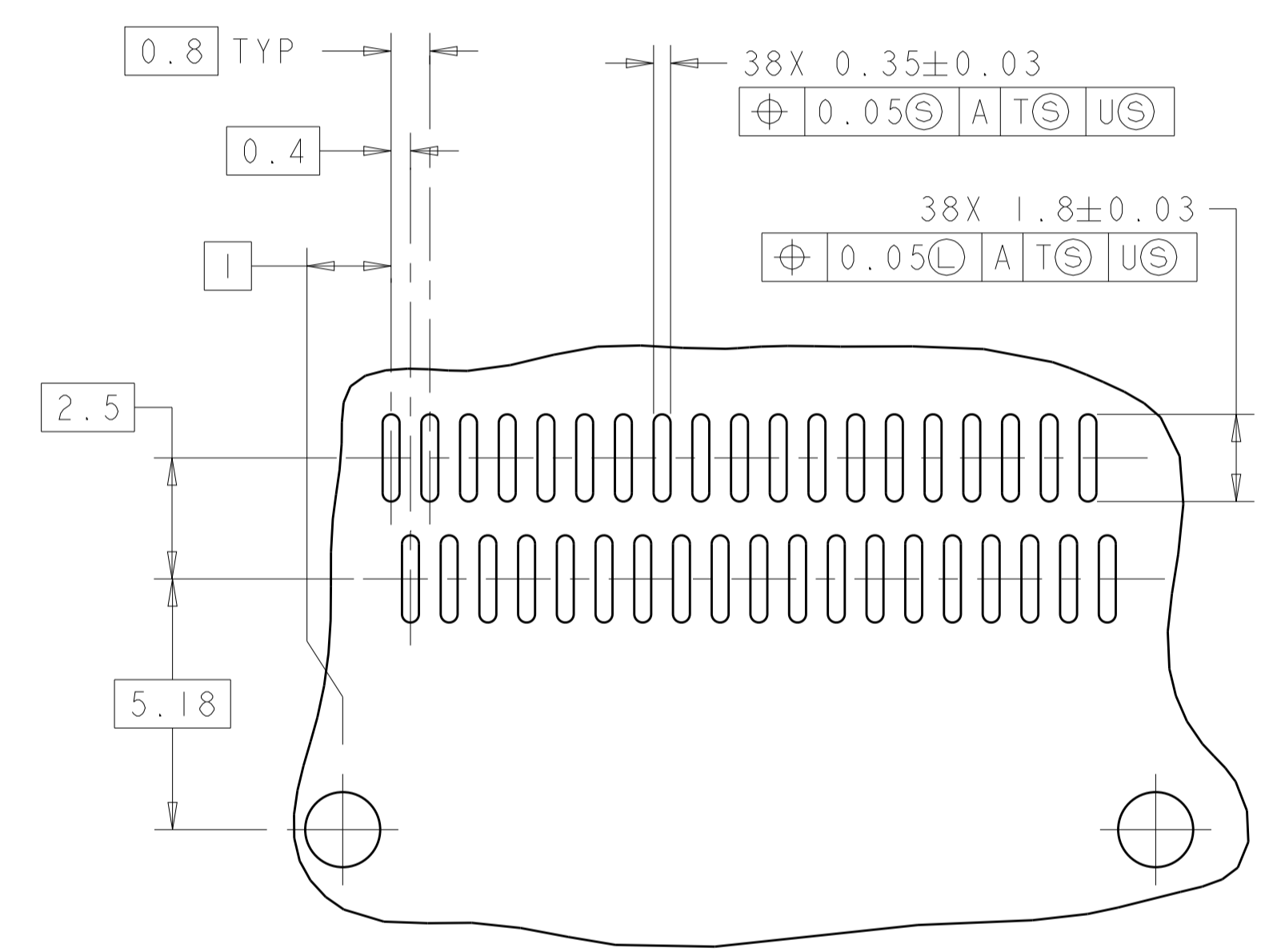
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: RINSEN SUN 05MAR2012	TE Connectivity
DIMENSIONS: mm		CHK: DENNY ZHU 05MAR2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: AILEY CAI 05MAR2012	NAME: 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ ELASTOMERIC GASKET, QSFP
0 PLC	± 0.10	PRODUCT SPEC	108-2286
1 PLC	± 0.05	APPLICATION SPEC	114-13217
2 PLC	\pm	WEIGHT	
3 PLC	\pm	CUSTOMER DRAWING	
4 PLC	\pm	SCALE	2:1
ANGLES	\pm	SHEET	3 OF 4
FINISH	\pm	REV	A

LOC	DIST	REV	DATE	BY	APPD
GP	00				

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



SEE DETAIL K



DETAIL K
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 3 FOR COMPONENT AND TRACE KEEP-OUTS
SCALE 4:1

3.75 MIN Δ
C OF FINAL ROW OF HOLES
TO C OF FIRST ROW OF HOLES
FOR NEXT ADJACENT CAGE.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: KINSEN SUN 05MAR2012	TE Connectivity
DIMENSIONS: mm		CHK: DENNY ZHU 05MAR2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: AILEY CAI 05MAR2012	NAME: 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ ELASTOMERIC GASKET, QSFP
0 PLC	±	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC	±0.10	108-2286	RESTRICTED TO
2 PLC	±0.05	APPLICATION SPEC	A100779C=2170288
3 PLC	±	114-13217	SCALE 2:1 SHEET 4 OF 4 REV A
4 PLC	±	WEIGHT	
ANGLES	±	CUSTOMER DRAWING	
FINISH			