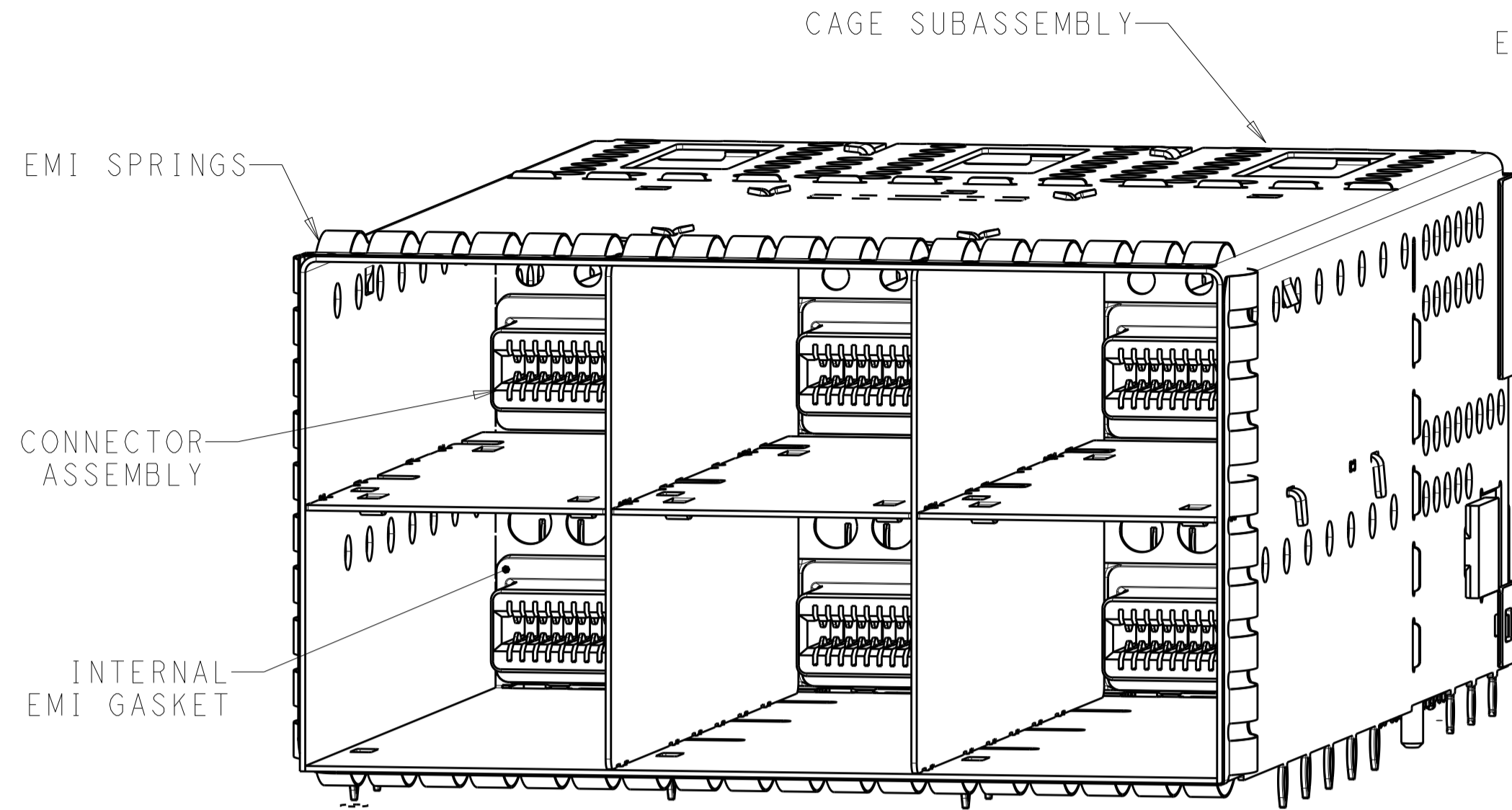
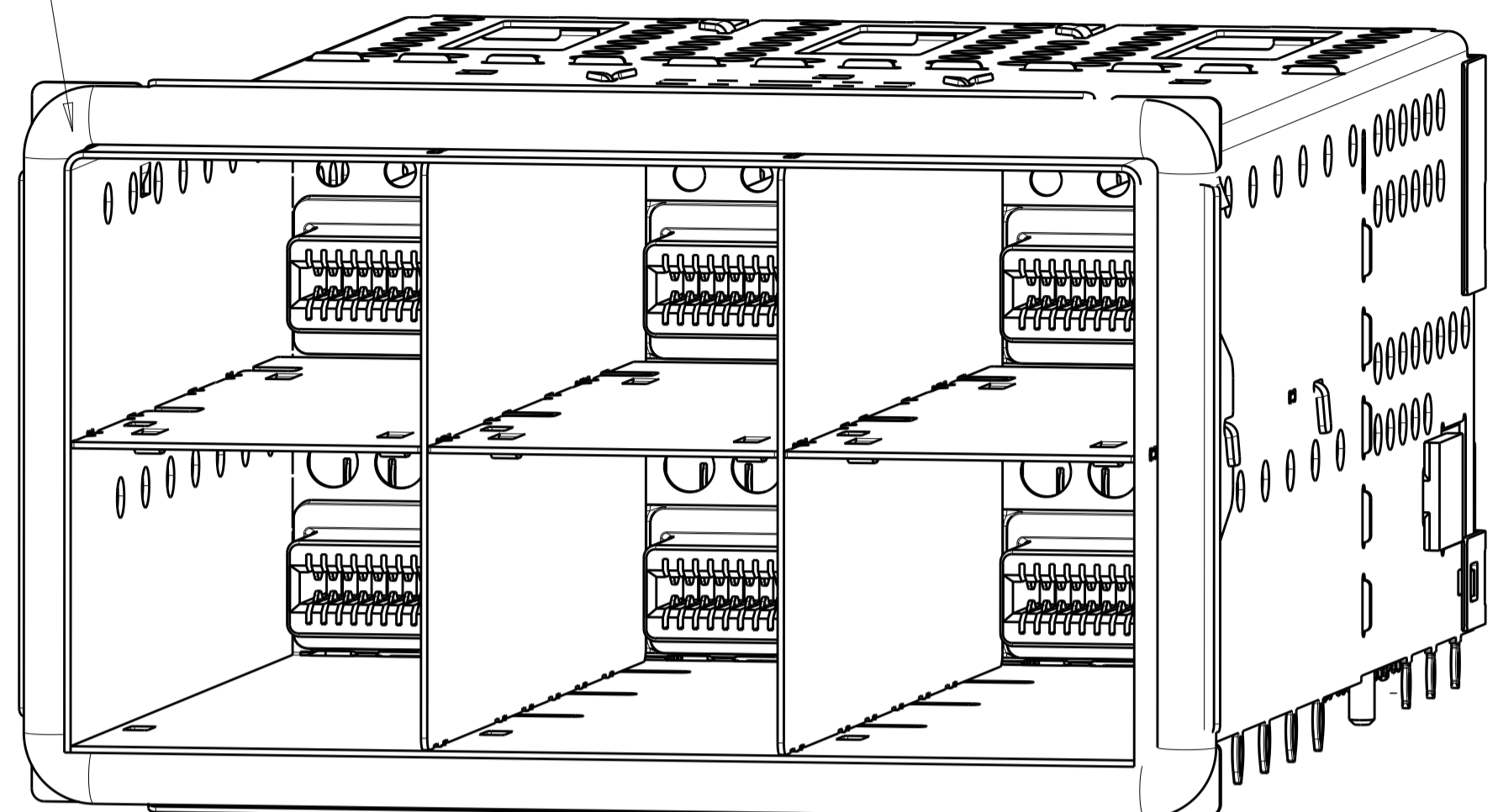


REVISIONS				
P.	LTN.	DESCRIPTION	DATE	OWN. APVD.
10		REVISED LOWER PORT OPENING	02SEP2016	BM RH
11		REVISED TO SHOW UPDATED GASKET FLANGE	13DEC2016	BM RH
12		UPDATED VIEWS TO SHOW DOVETAIL REMOVAL	21MAR2017	BMM RRH
13		REVISED DETAIL A, SHEET 4	15JUN2017	BMM RRH

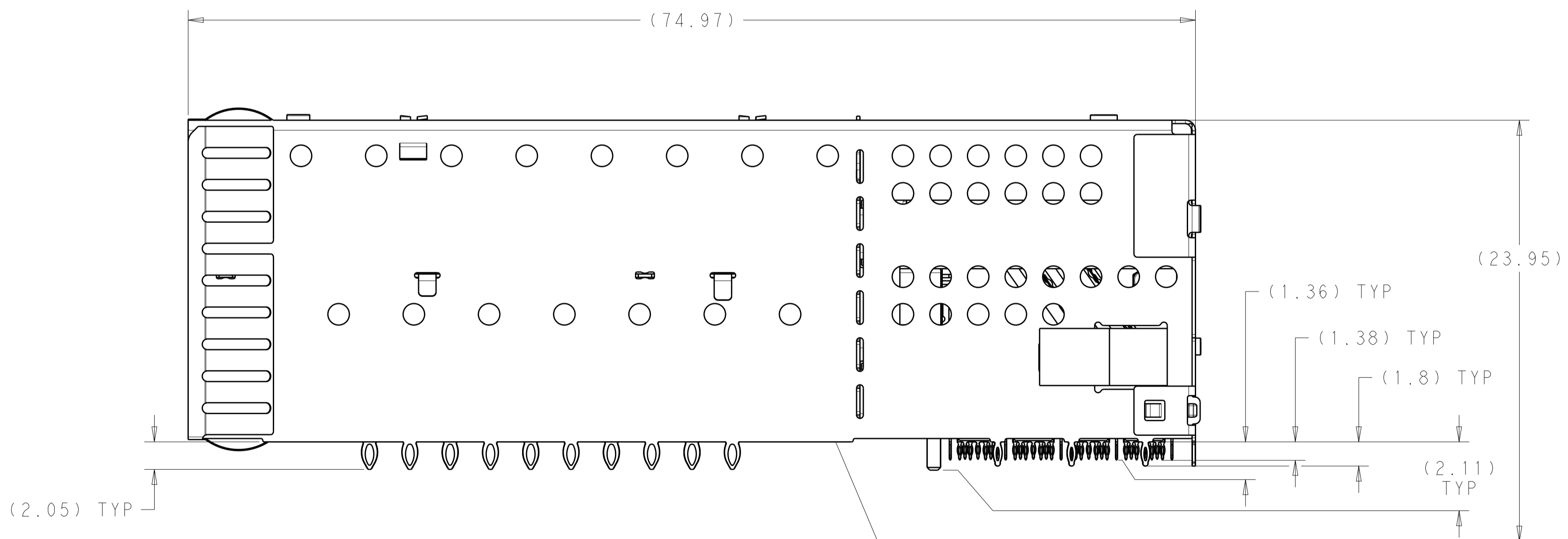
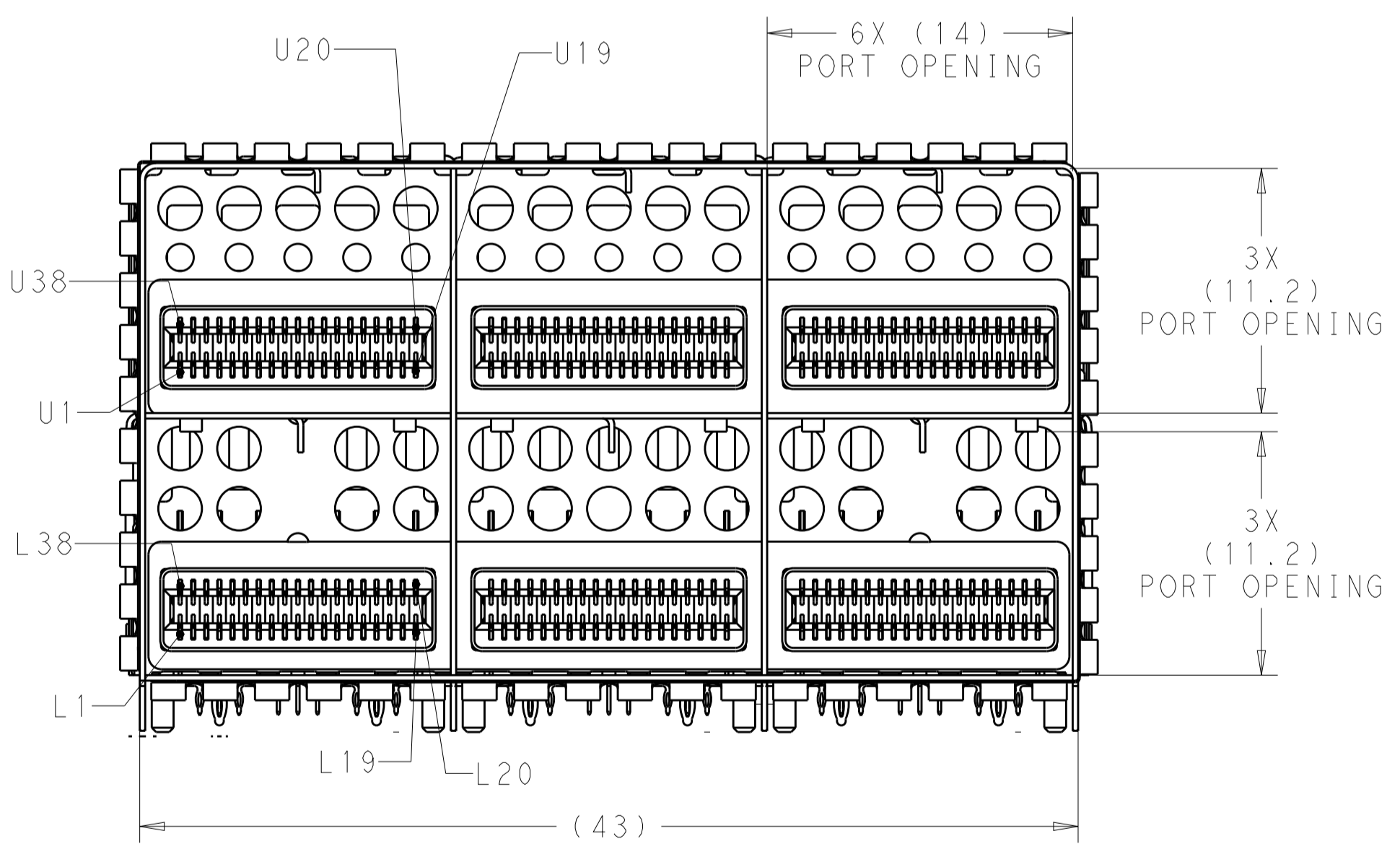


2293143-1
ISOMETRIC VIEW
SCALE 4:1



2293143-2
ISOMETRIC VIEW
SCALE 4:1

1. MATERIALS:
 CAGE SUBASSEMBLY - STAINLESS STEEL
 EMI SPRINGS - COPPER ALLOY
 EXTERNAL EMI GASKET - NICKEL CARBON
 INTERNAL EMI GASKET - TBD
 CONNECTOR HOUSINGS - LCP
 CONNECTOR CONTACTS - COPPER ALLOY
2. FOR HOLE SIZE AND PLATINGS SEE APPLICATION SPEC 114-32161.
3. ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE PHANTOM LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND TRACES ON THE TOP SIDE. TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN.
4. 1.45mm MINIMUM BOARD THICKNESS FOR SINGLE-SIDED APPLICATIONS AND 2.2mm FOR DUAL-SIDED APPLICATIONS. THESE MINIMUM THICKNESS VALUES INCLUDE THE BOARD THICKNESS TOLERANCE.
5. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY. TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN.
6. LED LOCATION FOR 2 LIGHT PIPE APPLICATIONS.
7. LED LOCATION FOR 4 LIGHT PIPE APPLICATIONS.
8. COUPLED GROUND VIAS WHERE INDICATED INCLUDED IN PCB FOOTPRINT FOR ENHANCED SI PERFORMANCE. NOTE THAT THERE IS NO PIN ATTACHMENT TO THESE SPECIFIC VIAS.
9. CONTACT FINISH: 0.76µm MINIMUM GOLD ON MATING END. 1.25µm MATT TIN ON SOLDER TAIL. ALL OVER 1.27µm NICKEL.

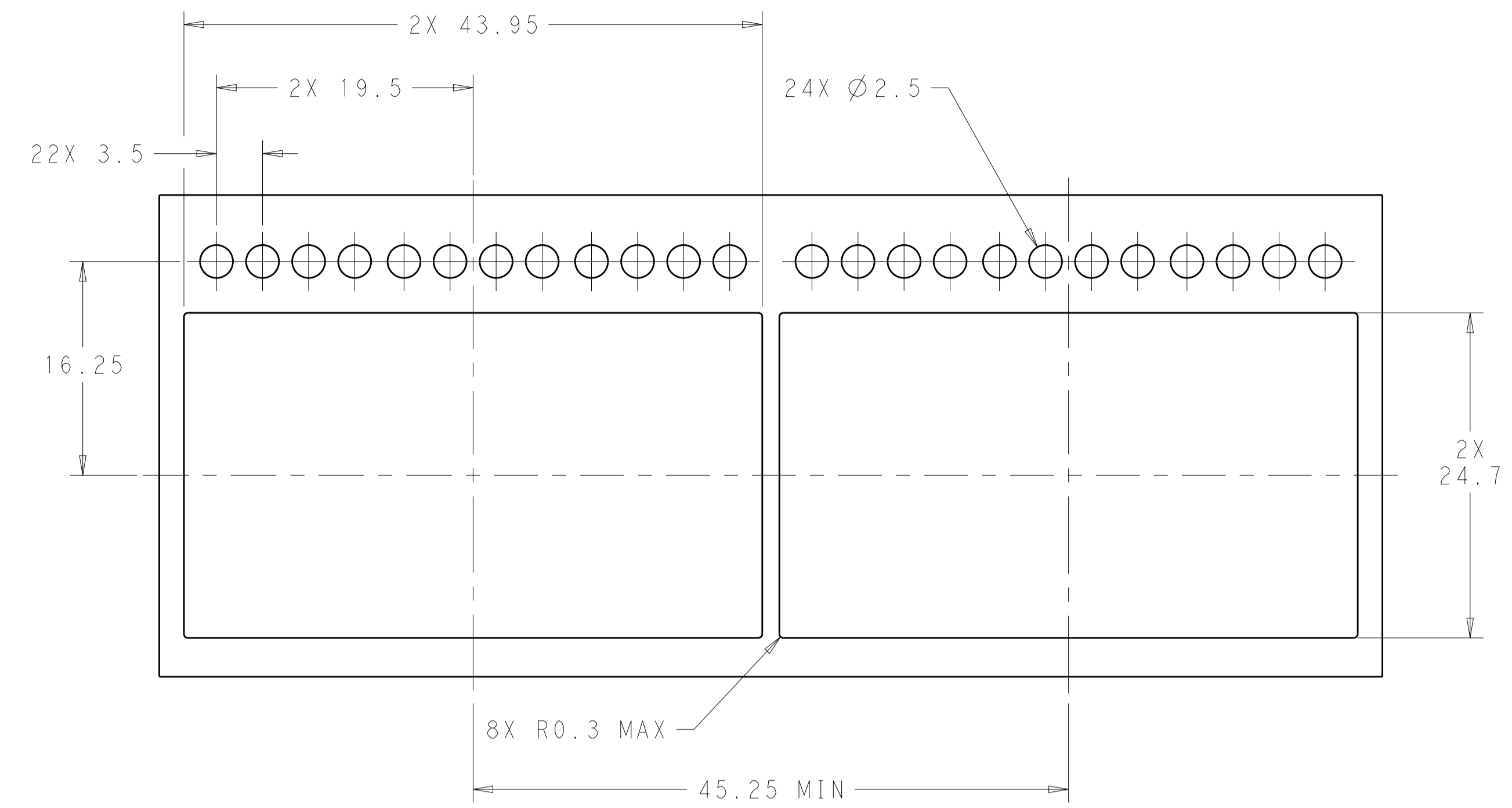


9	4 LIGHT PIPES	GASKET	4-2293143-2
9	4 LIGHT PIPES	SPRING	4-2293143-1
9	2 LIGHT PIPES	GASKET	2-2293143-2
9	2 LIGHT PIPES	SPRING	2-2293143-1
9	NO LIGHT PIPES	GASKET	2293143-2
9	NO LIGHT PIPES	SPRING	2293143-1
CONTACT FINISH	LIGHT PIPE CONFIGURATION	EXTERNAL EMI SHIELDING	PART NUMBER

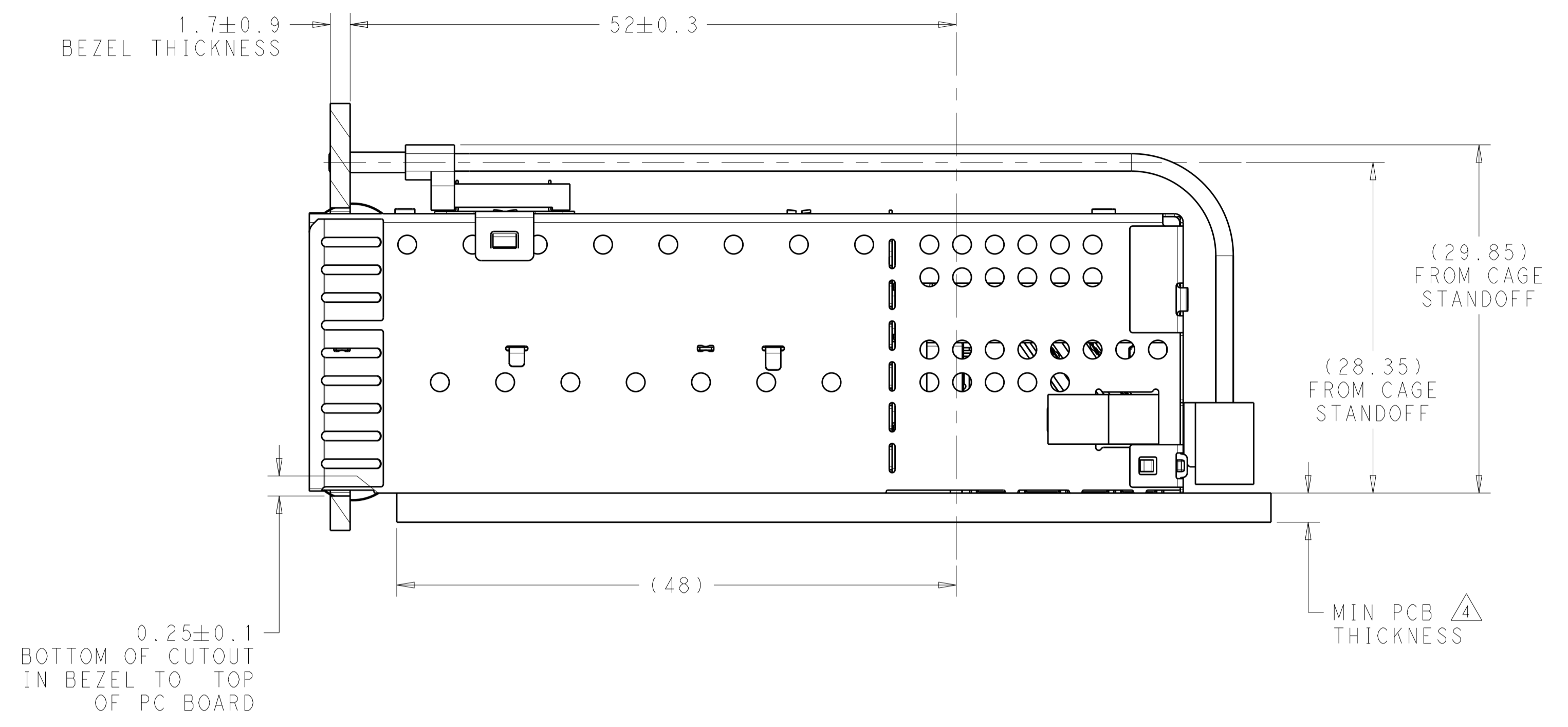
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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. B. MATTHEWS 16NOV2015		CHK. R. HENRY 16NOV2015		APVD. R. HENRY 16NOV2015	
mm	0 PLC	±0.1		NAME	CAGE ASSEMBLY, 2X3, microQSFP	SIZE	A1	CAGE CODE	2293143	DRAWING NO.	2293143
	1 PLC	±0.1		PRODUCT SPEC	108-32126	SCALE	4:1	SHEET	1	OF	4
	2 PLC	±0.08		APPLICATION SPEC	114-32161	RESTRICTED TO					
	3 PLC	±0.05		WEIGHT							
	4 PLC	±0.05		CUSTOMER DRAWING							
	ANGLES	±1°									
	FINISH										
MATERIAL	TBD										

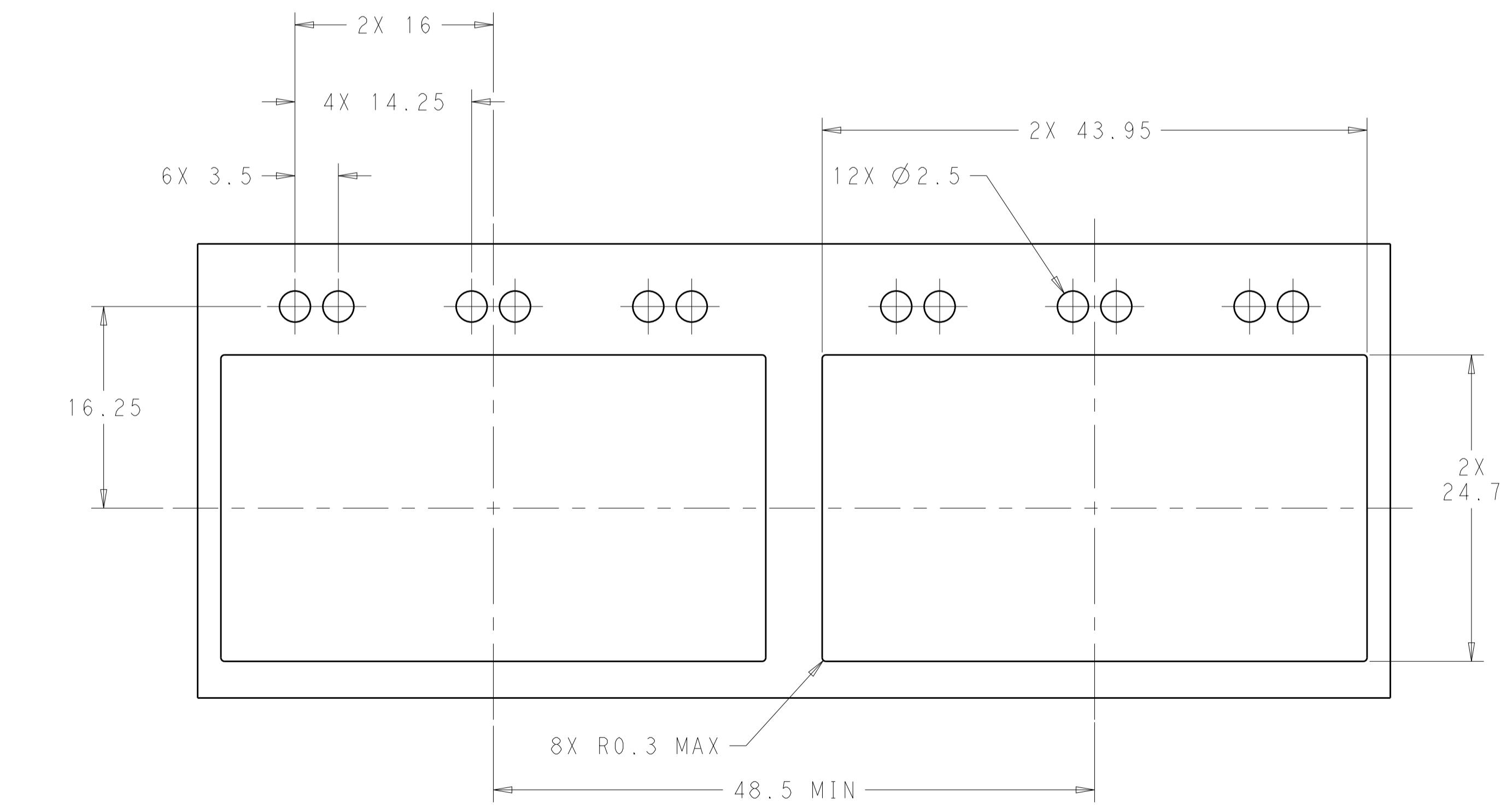
REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APVD.
-	-	SEE SHEET 1	-	-



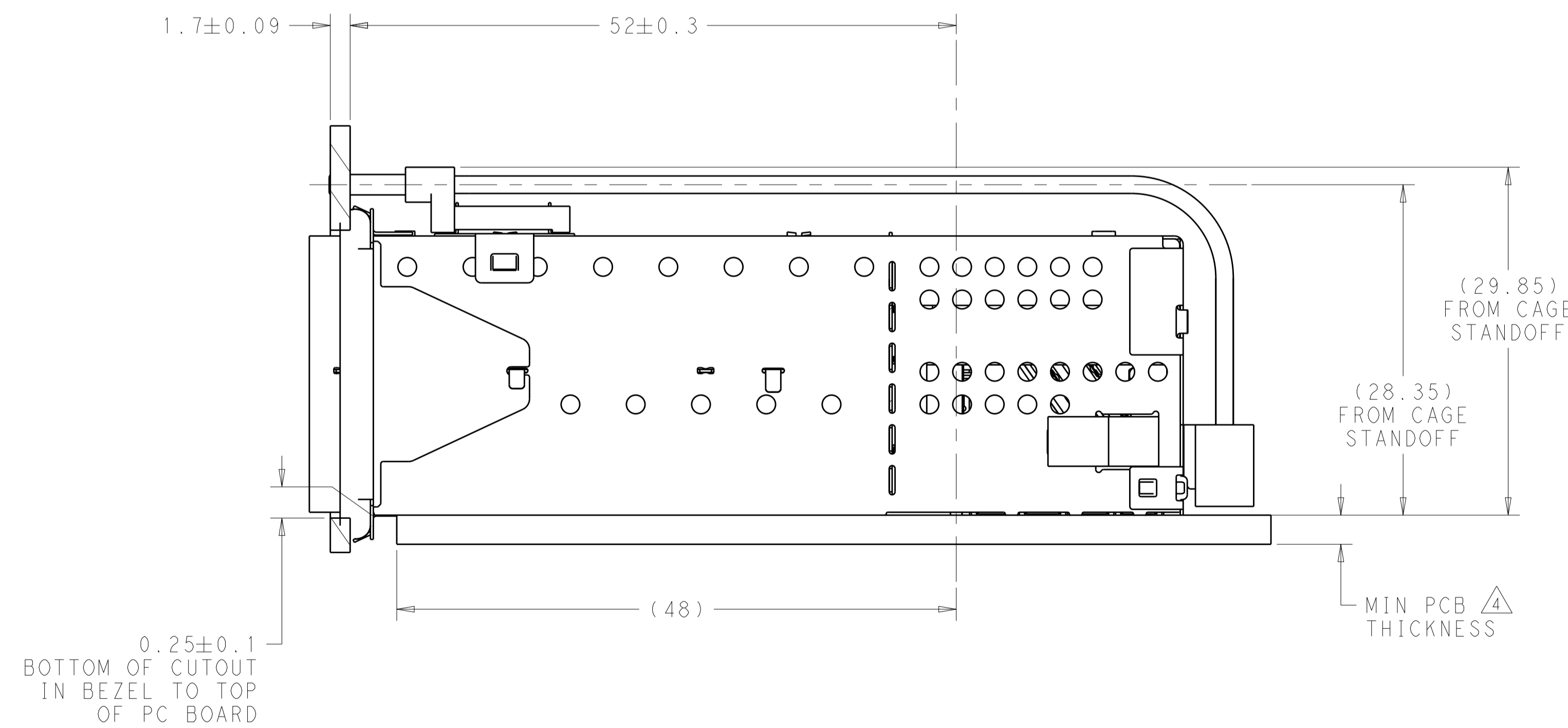
RECOMMENDED BEZEL CUTOUT
 4-2293143-1 SHOWN



4-2293143-1 MOUNTED ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL



RECOMMENDED BEZEL CUTOUT
 2-2293143-2 SHOWN

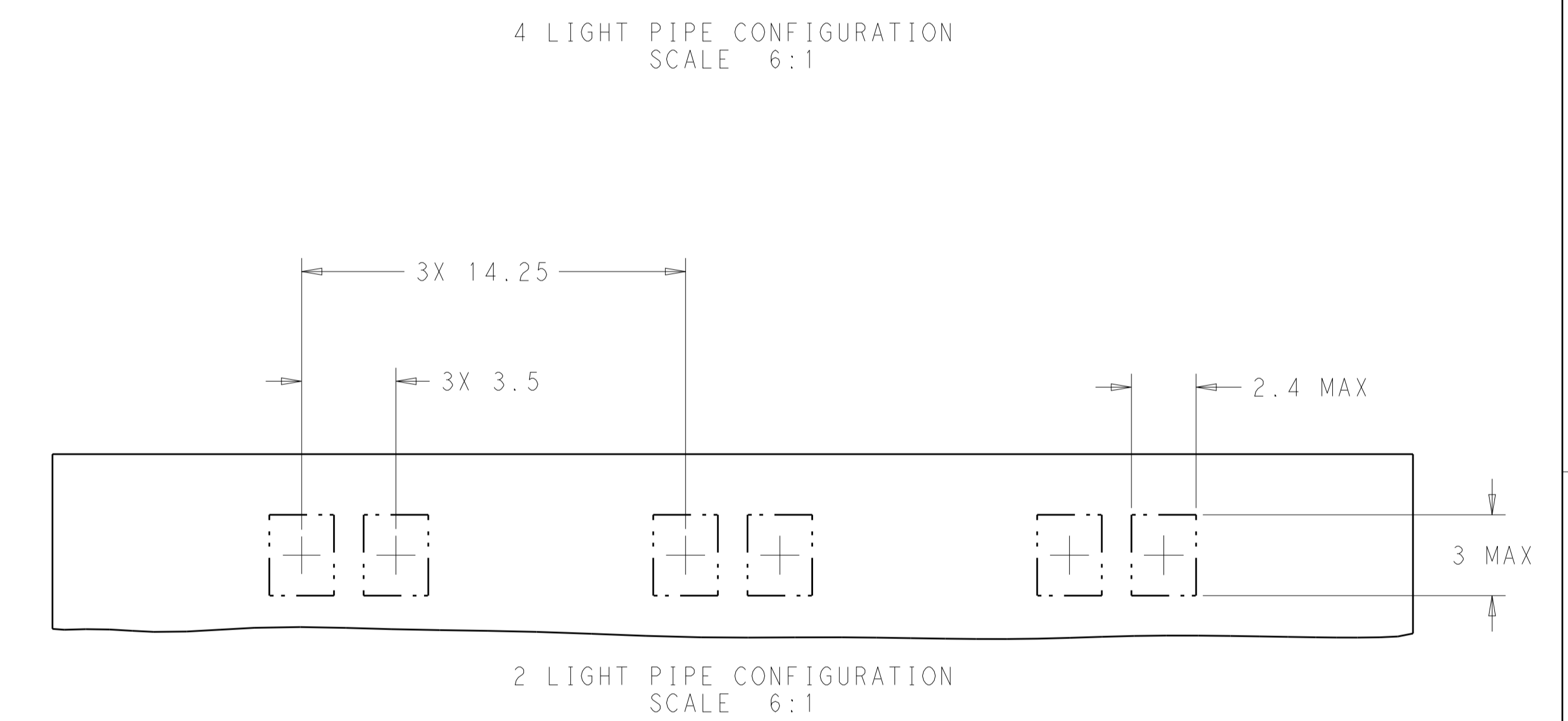
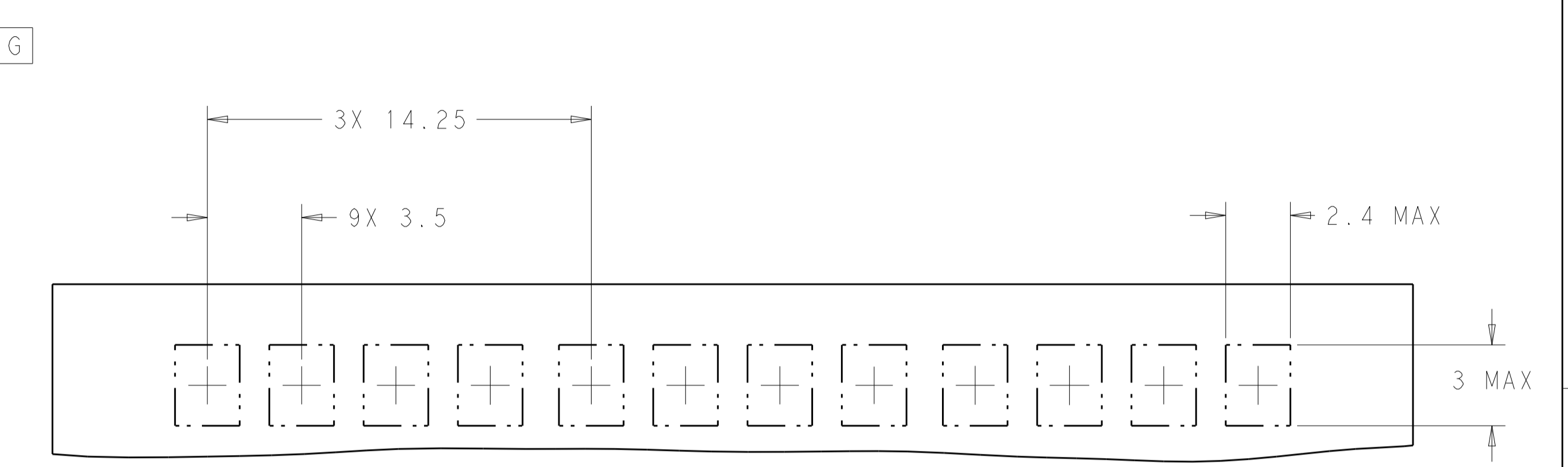
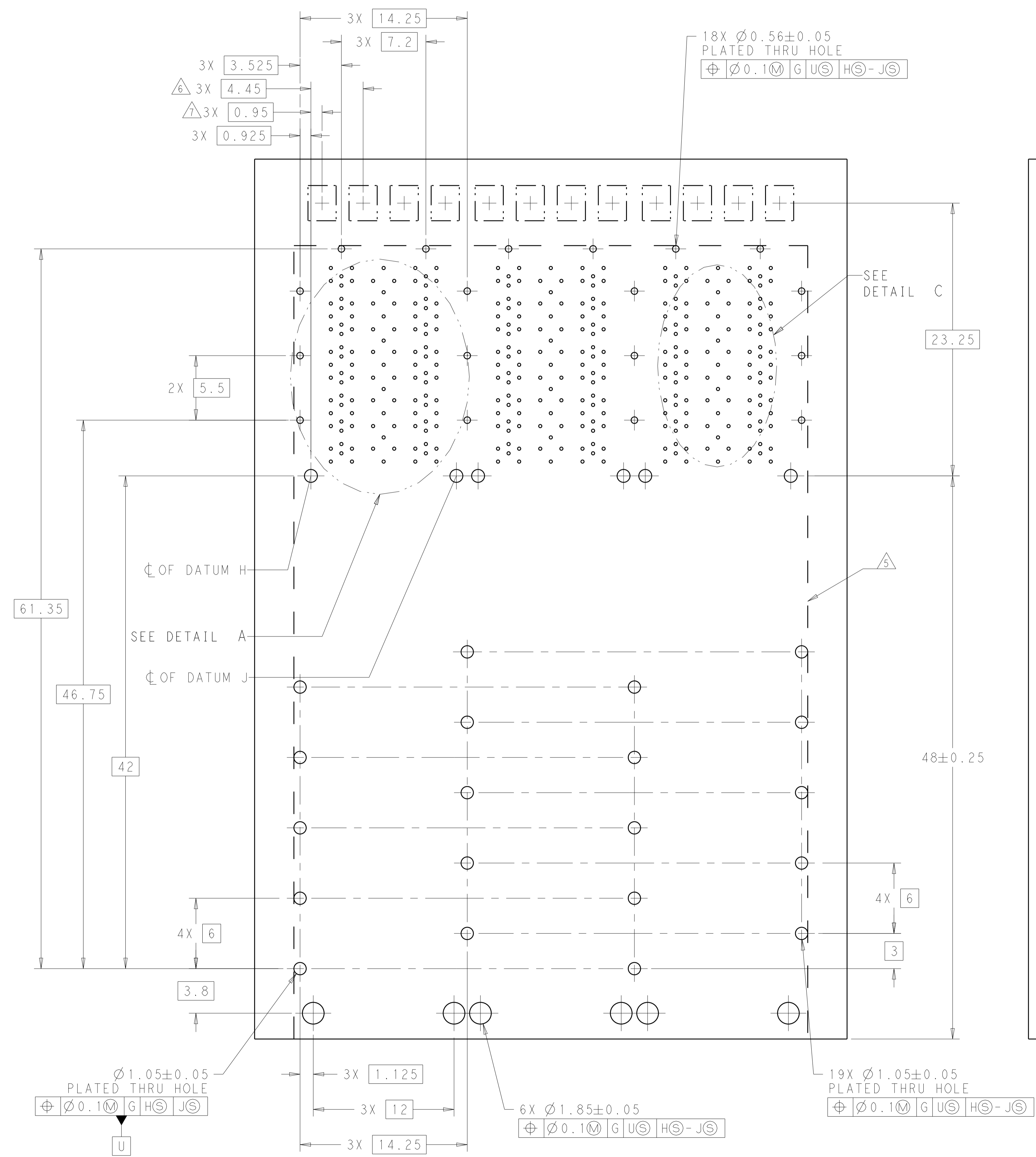


2-2293143-2 MOUNTED ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL

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DIMENSIONS: mm		CHK: R. HENRY 16NOV2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R. HENRY 16NOV2015	NAME: CAGE ASSEMBLY, 2X3, microOSFP
0 PLC	±0.1	PRODUCT SPEC	108-32126
1 PLC	±0.1	APPLICATION SPEC	114-32161
2 PLC	±0.08	WEIGHT	-
3 PLC	±0.05	CUSTOMER DRAWING	-
4 PLC	±0.05	SCALE	4:1
ANGLES	±1°	SHEET	2 OF 4
FINISH	-	REV	13

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

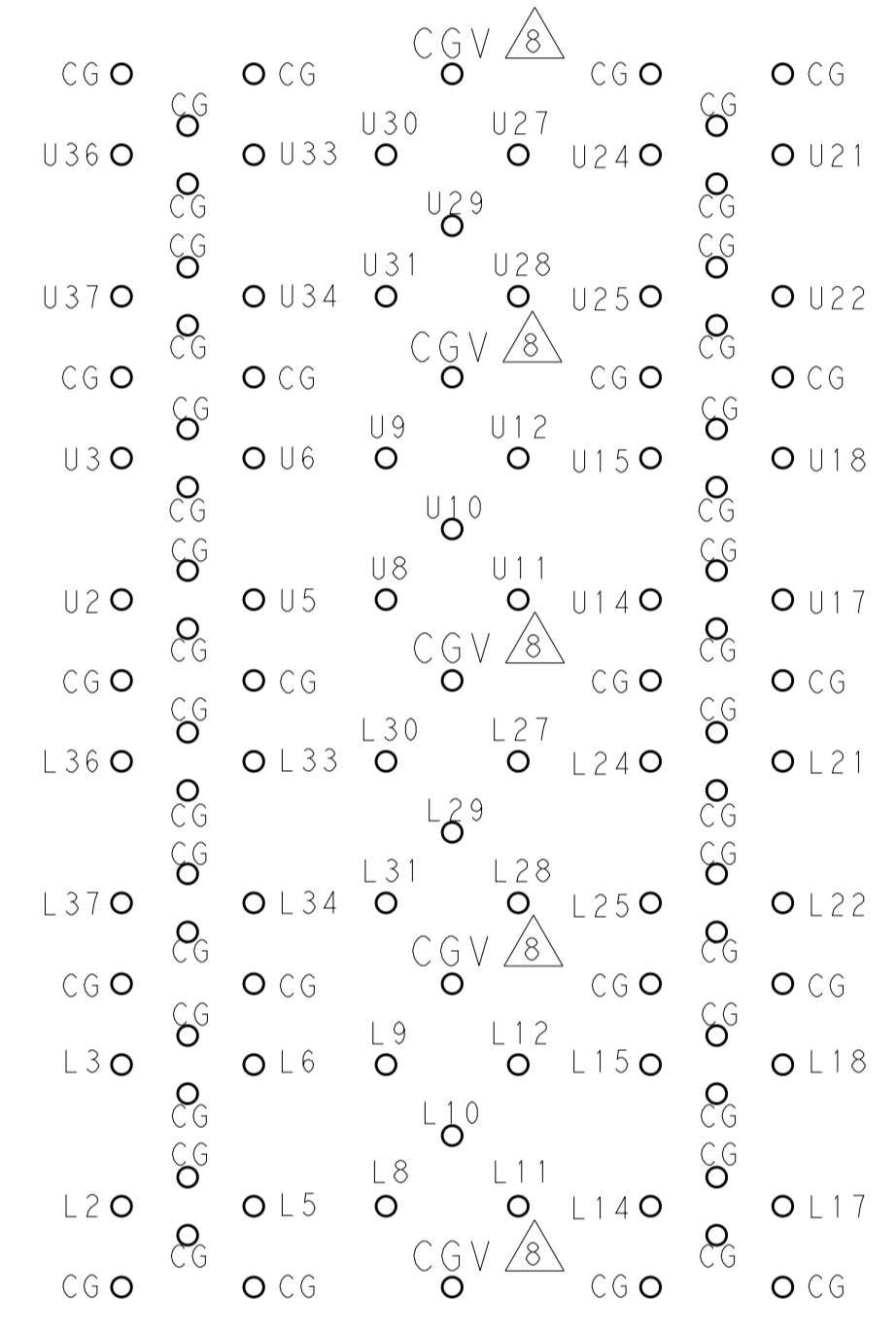
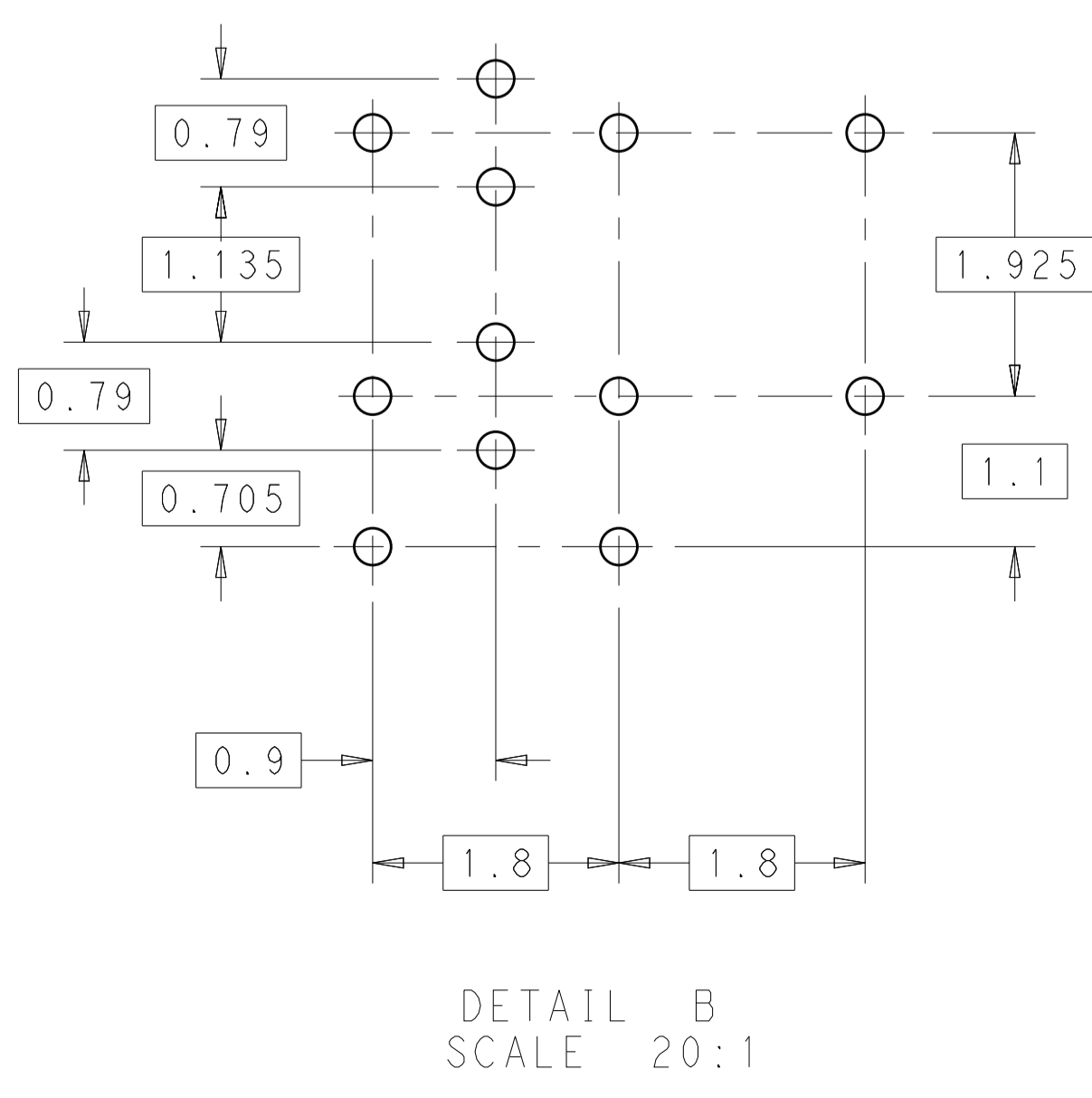
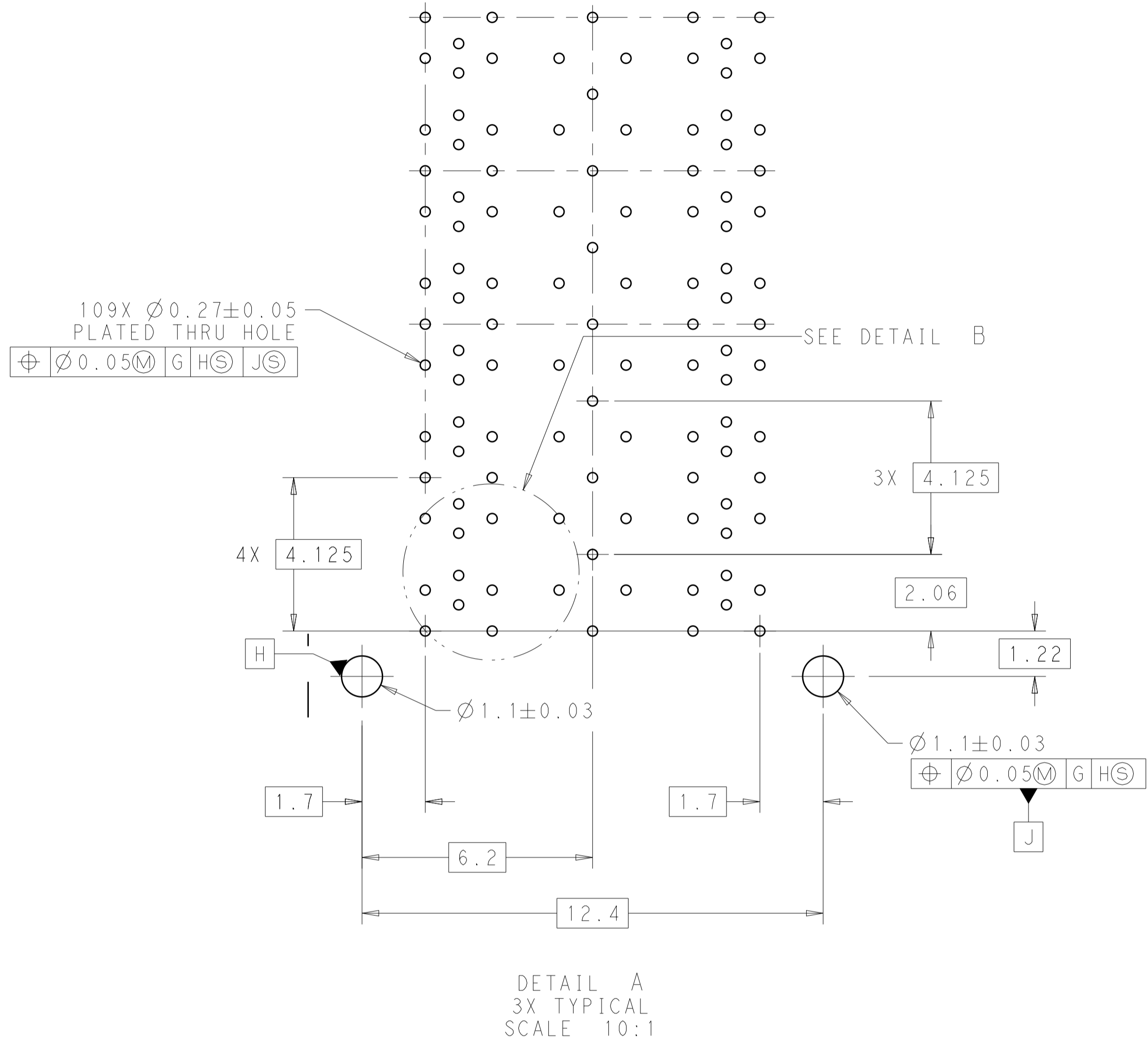


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RECOMMENDED PCB LAYOUT
 4 LIGHT PIPE CONFIGURATION SHOWN
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 16NOV2015 CHK R. HENRY 16NOV2015 APVD H. HENRY 16NOV2015	TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.08 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±1°		NAME CAGE ASSEMBLY, 2X3, microQSFP PRODUCT SPEC 108-32126 APPLICATION SPEC 114-32161 WEIGHT - CUSTOMER DRAWING
MATERIAL TBD FINISH -		SIZE A1 CAGE CODE - DRAWING NO. C=2293143	RESTRICTED TO - SCALE 4:1 SHEET 3 OF 4 REV 13	

REVISIONS				
P	LTM	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



PIN NUMBER	FUNCTION
U1/L1	COUPLED GROUND
U2/L2	SIGNAL
U3/L3	SIGNAL
U4/L4	COUPLED GROUND
U5/L5	SIGNAL
U6/L6	SIGNAL
U7/L7	COUPLED GROUND
U8/L8	AUXILIARY
U9/L9	AUXILIARY
U10/L10	AUXILIARY
U11/L11	AUXILIARY
U12/L12	AUXILIARY
U13/L13	COUPLED GROUND
U14/L14	SIGNAL
U15/L15	SIGNAL
U16/L16	COUPLED GROUND
U17/L17	SIGNAL
U18/L18	SIGNAL
U19/L19	COUPLED GROUND
U20/L20	COUPLED GROUND
U21/L21	SIGNAL
U22/L22	SIGNAL
U23/L23	COUPLED GROUND
U24/L24	SIGNAL
U25/L25	SIGNAL
U26/L26	COUPLED GROUND
U27/L27	AUXILIARY
U28/L28	AUXILIARY
U29/L29	AUXILIARY
U30/L30	AUXILIARY
U31/L31	AUXILIARY
U32/L32	COUPLED GROUND
U33/L33	SIGNAL
U34/L34	SIGNAL
U35/L35	COUPLED GROUND
U36/L36	SIGNAL
U37/L37	SIGNAL
U38/L38	COUPLED GROUND

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THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: B. MATTHEWS 16NOV2015 CHK: R. HENRY 16NOV2015 APVD: R. HENRY 16NOV2015	TE Connectivity NAME: CAGE ASSEMBLY, 2X3, microQSFP PRODUCT SPEC: 108-32126 APPLICATION SPEC: 114-32161	SIZE: A1 CAGE CODE: - DRAWING NO: C=2293143 RESTRICTED TO: -
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.08 4 PLC ±0.05 ANGLES ±° FINISH: #1*	MATERIAL: TBD WEIGHT: - CUSTOMER DRAWING: -		