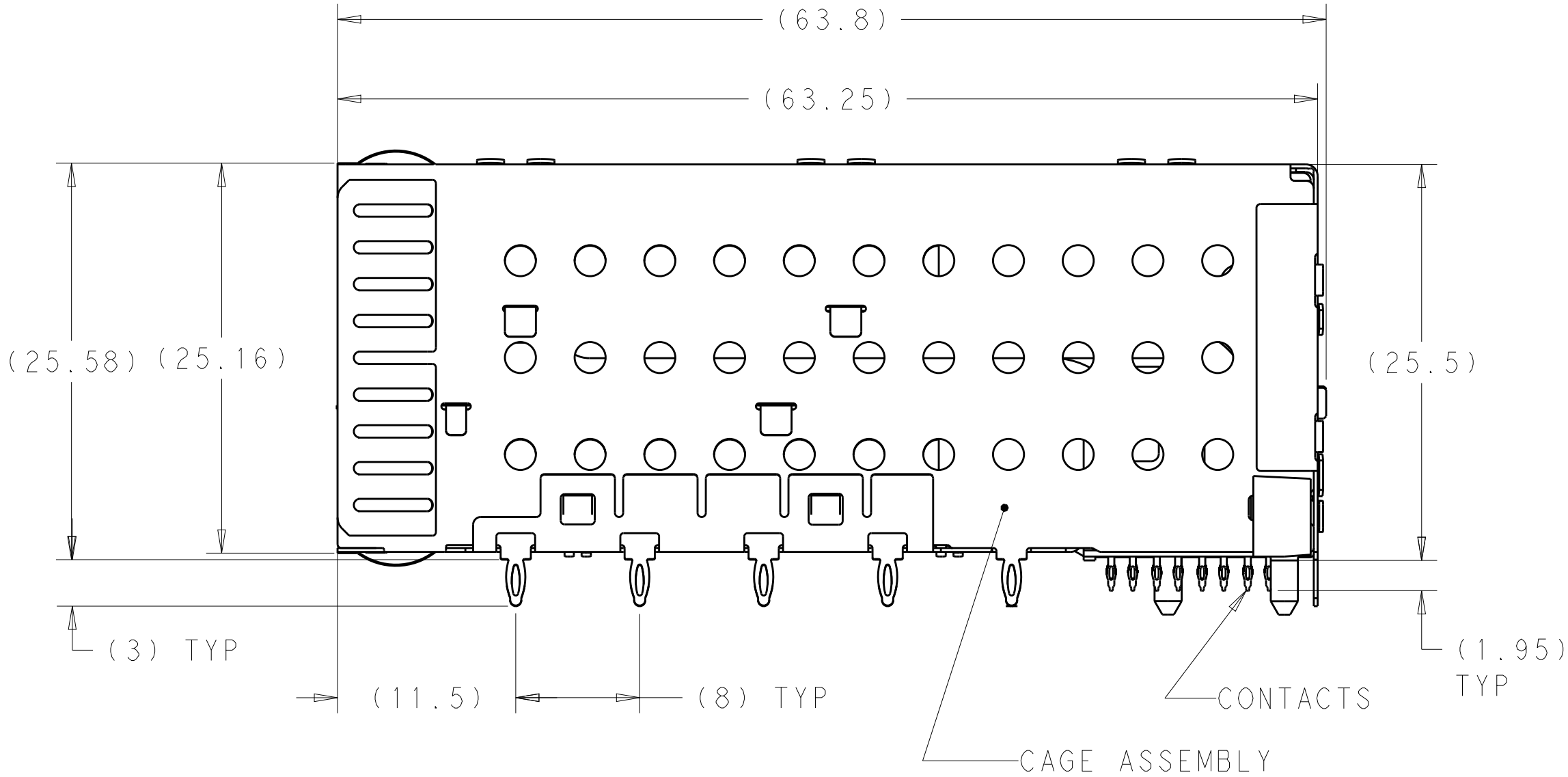
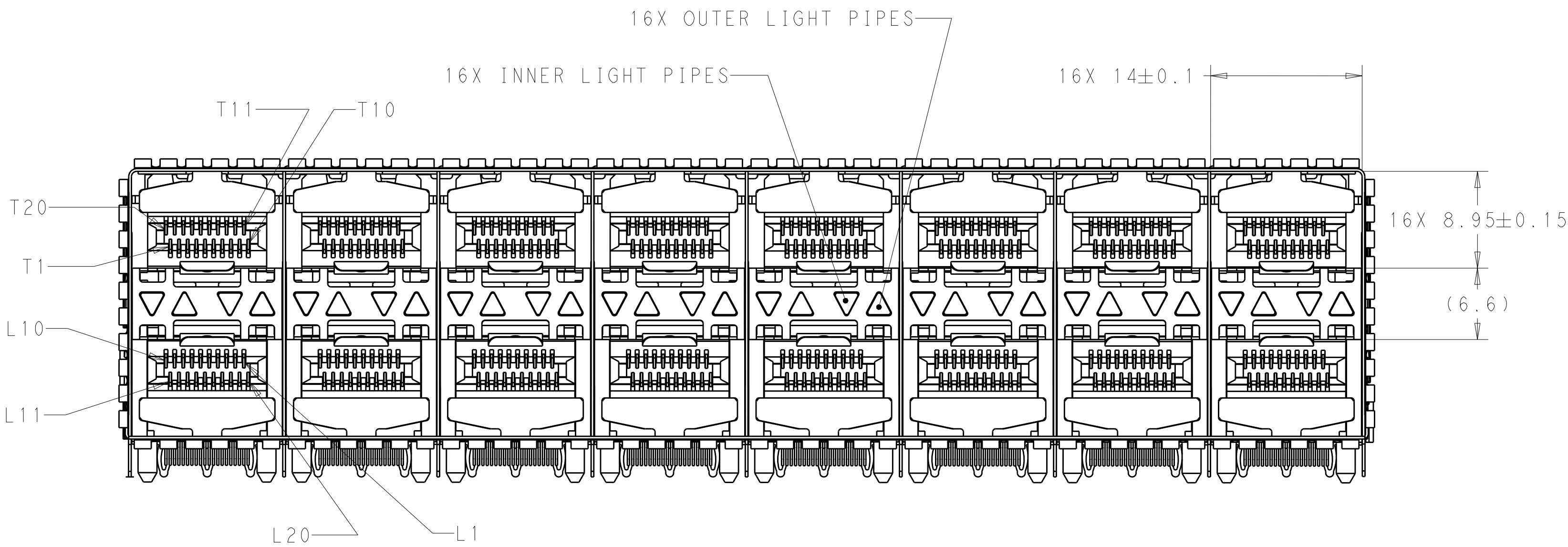


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REVISED PER ECO-15-017919	04APR2016	AP	RP
			B1	ADD PN 2149490-9	17JUN2020	IT	SH



D

D

C

C

- ⚠

MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY
PER ASTM B 122.
EMI SPRINGS- COPPER ALLOY.
HOUSING- BLACK LCP, UL 94V-O RATED.
CHICKLET- BLACK LCP, UL 94V-O RATED.
LIGHT PIPE- POLYCARBONATE, CLEAR.
CONTACT- COPPER ALLOY.
- ⚠

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
3.

MINIMUM PCB THICKNESS OF 1.5.
- ⚠

CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN-LEAD ON NEEDLE EYE.
- ⚠

CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE.
- ⚠

FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPEC 114-13219.
- ⚠

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHE LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY. TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN.
- ⚠

LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm.
- ⚠

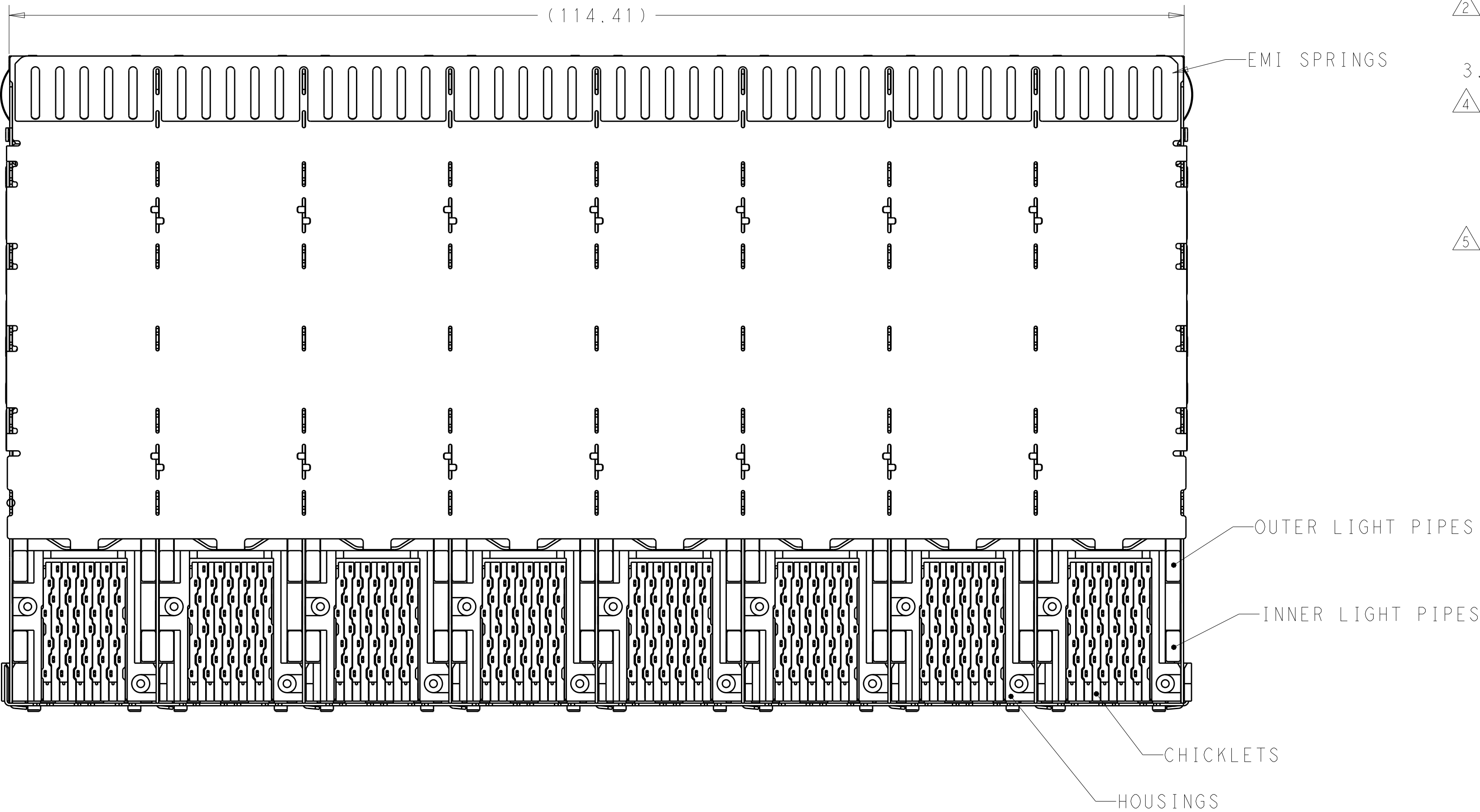
EMI SPRING FINISH: 0.8µm MINIMUM MATTE TIN OVER 0.8µm MINIMUM NICKEL, NONPLATED EDGES PERMISSIBLE.
- ⚠

ADDITIONAL COMPONENT LOCATED WITHIN LATCH PLATE FOR EMI SUPPRESSION.
- ⚠

EMI SPRING WELDING REINFORCED WITH MORE WELDING DOTS.

B

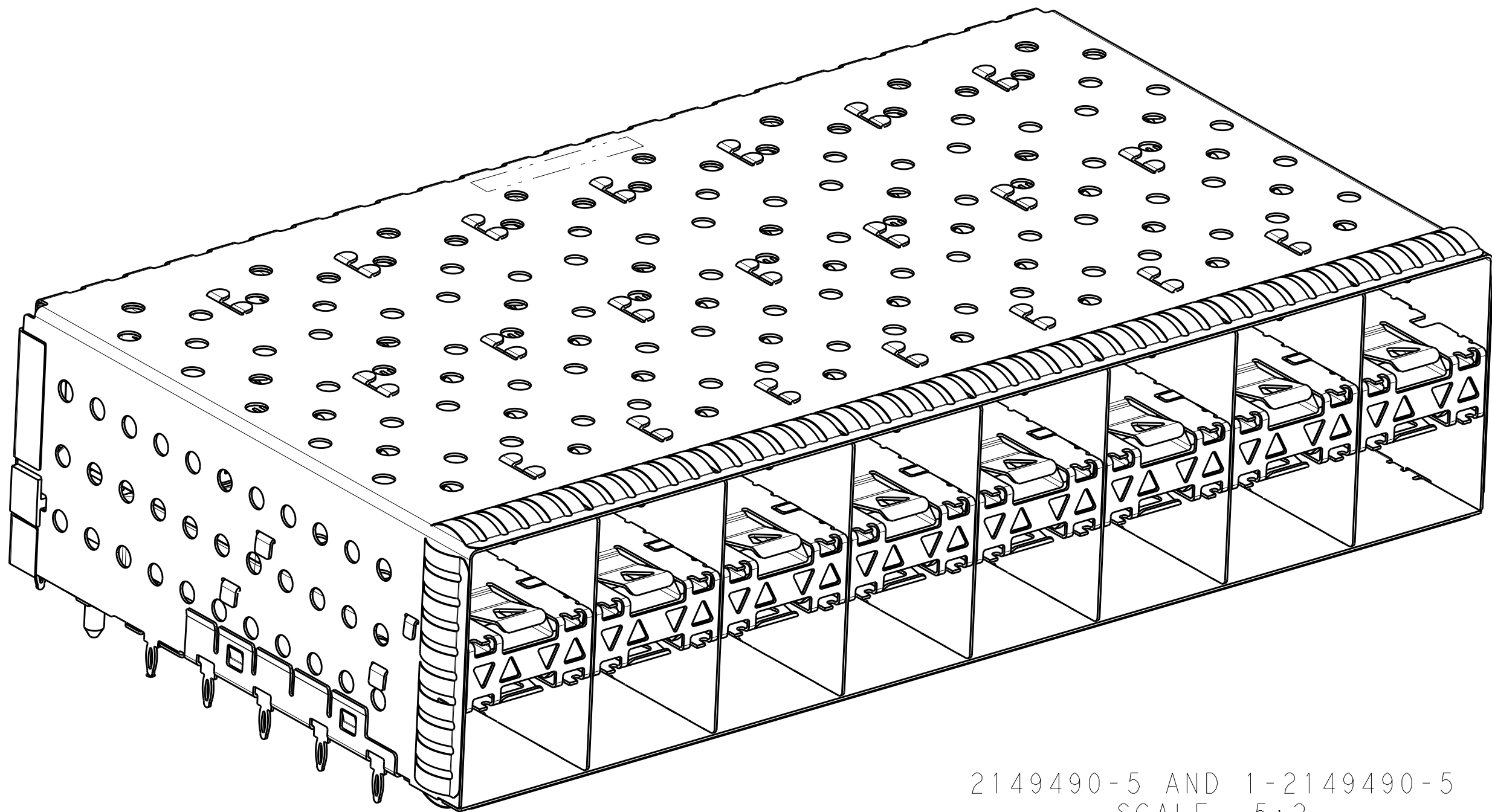
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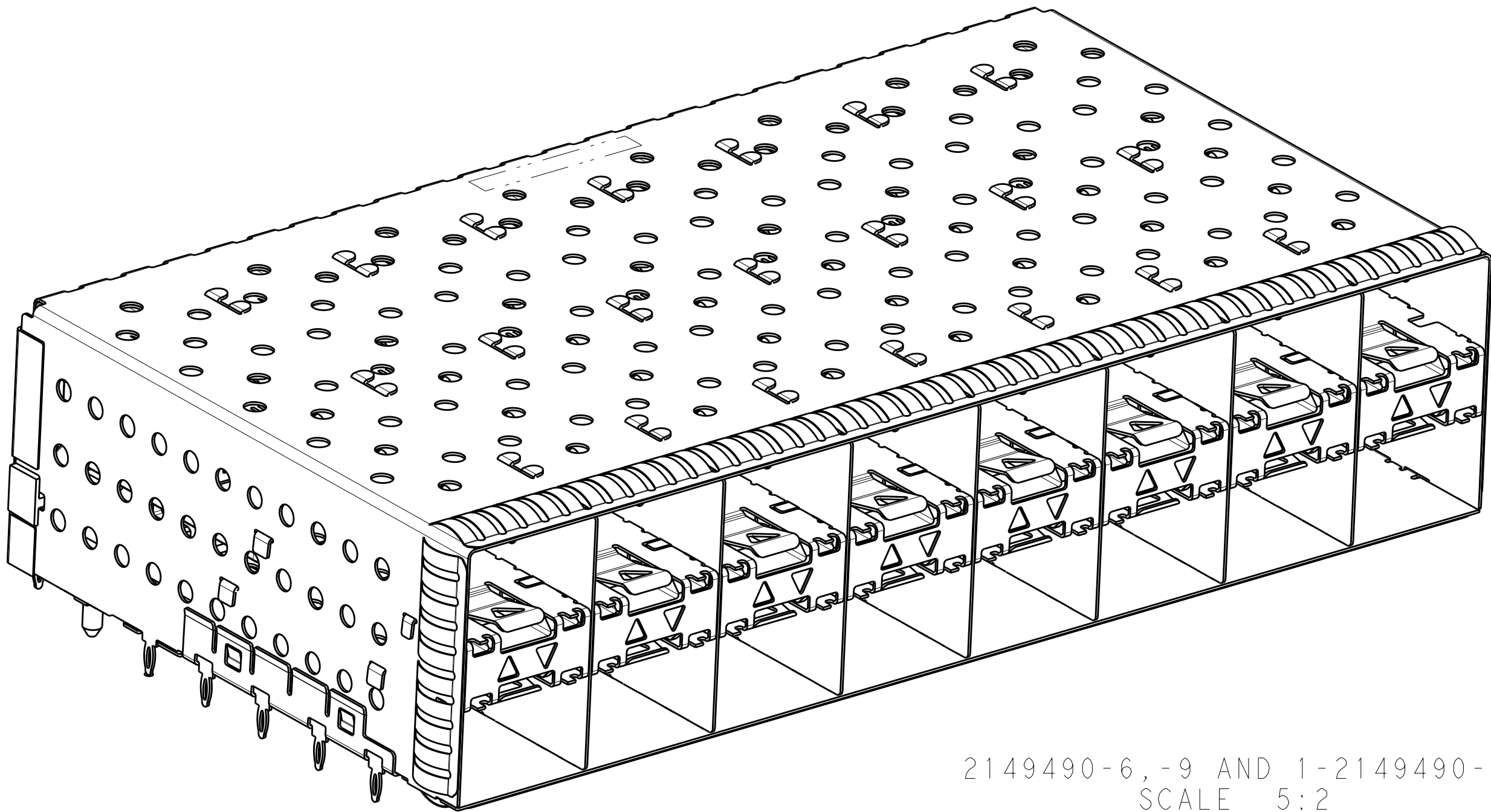
YES	⚠	5	NO LIGHT PIPES	1-2149490-8
			OUTER 2 LIGHT PIPES	1-2149490-7
			INNER 2 LIGHT PIPES	1-2149490-6
			4 LIGHT PIPES	1-2149490-5
NO	⚠	5	INNER 2 LIGHT PIPES	2149490-9 ⚠
			NO LIGHT PIPES	2149490-8
			OUTER 2 LIGHT PIPES	2149490-7
			INNER 2 LIGHT PIPES	2149490-6
SUPERSEDED	NO	⚠	4 LIGHT PIPES	2149490-5
			NO LIGHT PIPES	2149490-4
			OUTER 2 LIGHT PIPES	2149490-3
			INNER 2 LIGHT PIPES	2149490-2
	ENHANCED EMI	FINISH	4 LIGHT PIPES	2149490-1
			DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN C. VALENTIN CHK J. PETERSON APVD J. PETERSON	08OCT2010 08OCT2010 08OCT2010	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X8, STACKED SFP+	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±0.10 ±0.10 ±0.10 ±0.10 ±		PRODUCT SPEC 108-2331 APPLICATION SPEC 114-13219	
MATERIAL		FINISH		SIZE A100779C=2149490	
⚠		4 5 9		RESTRICTED TO SHEET 1 OF 4	
		CUSTOMER DRAWING		SCALE 3:1	
				REV B1	

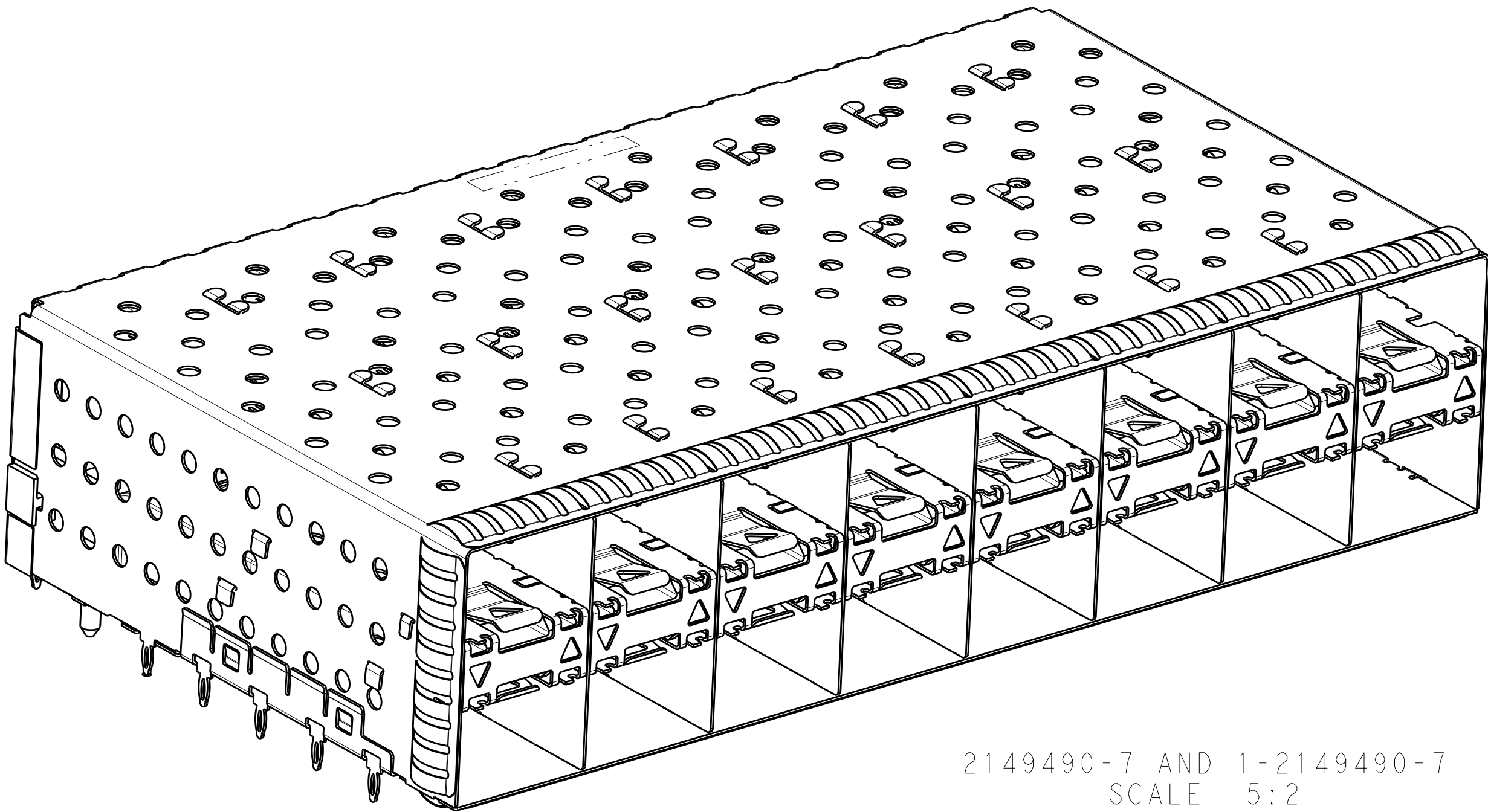
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	



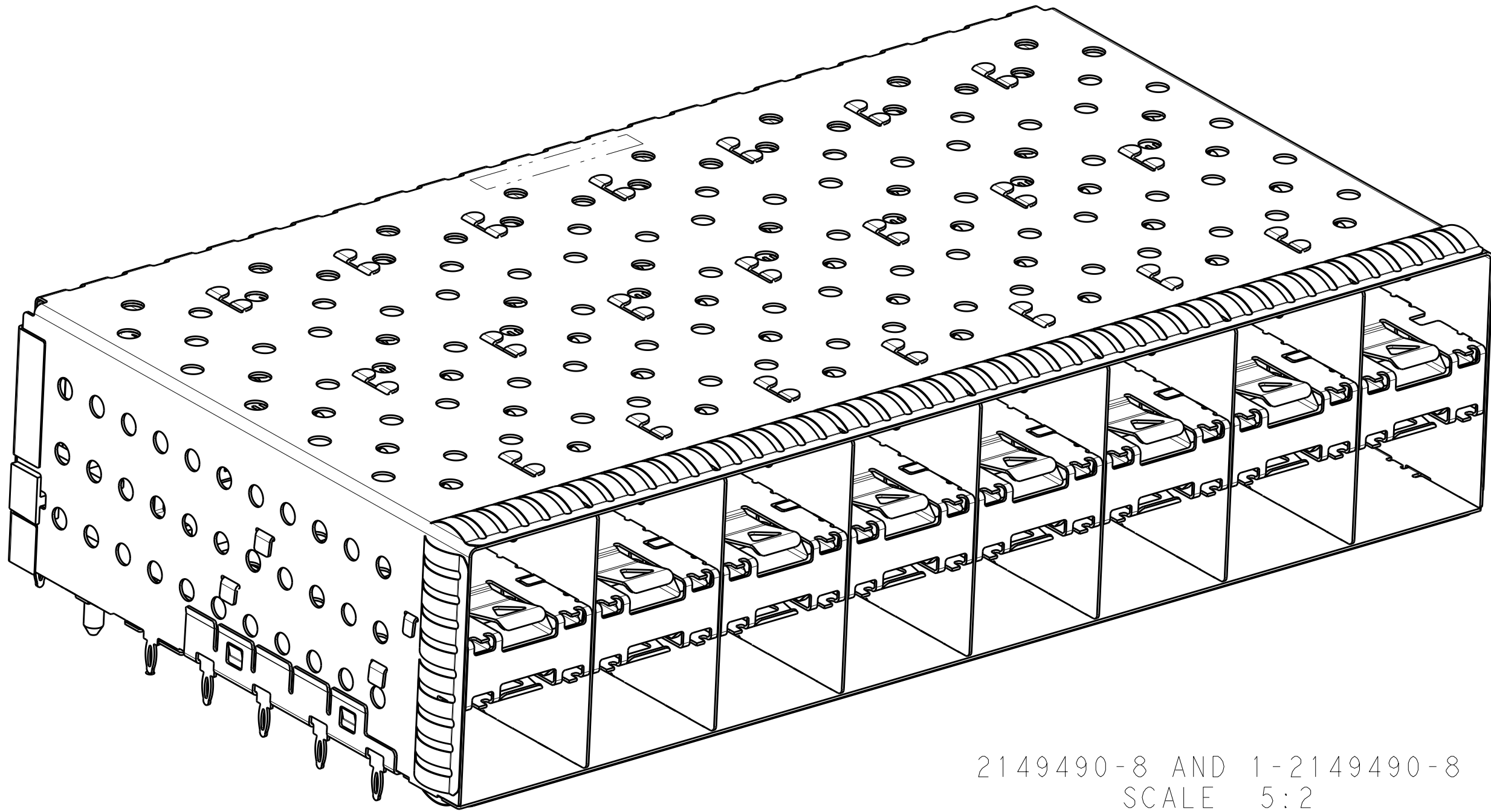
2149490-5 AND 1-2149490-5
SCALE 5:2



2149490-6, -9 AND 1-2149490-6
SCALE 5:2



2149490-7 AND 1-2149490-7
SCALE 5:2



2149490-8 AND 1-2149490-8
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN C. VALENTINE CHK J. PETERSON APVD PETERSON	08OCT2010 08OCT2010 08OCT2010	 TE Connectivity
		PRODUCT SPEC 108-2331 APPLICATION SPEC 114-13219		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH	± ±0.10 ±0.10 ±0.10 ±0.10 ± ±	NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X8, STACKED SFP+
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO A100779C=2149490
CUSTOMER DRAWING		SCALE 3:1	SHEET 2 OF 4	REV B1

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD

D

C

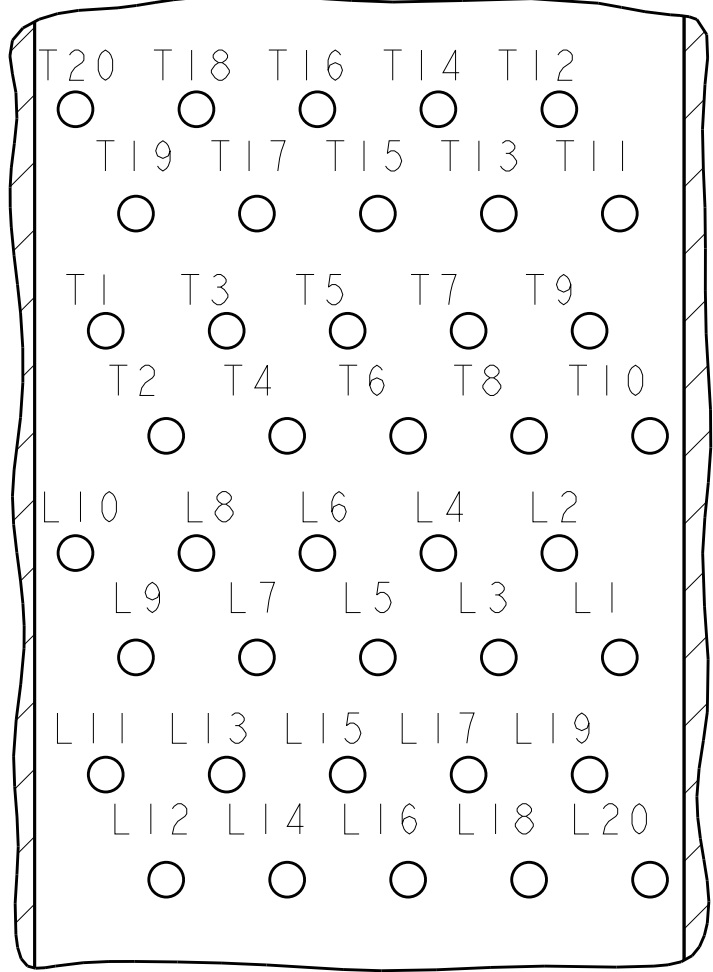
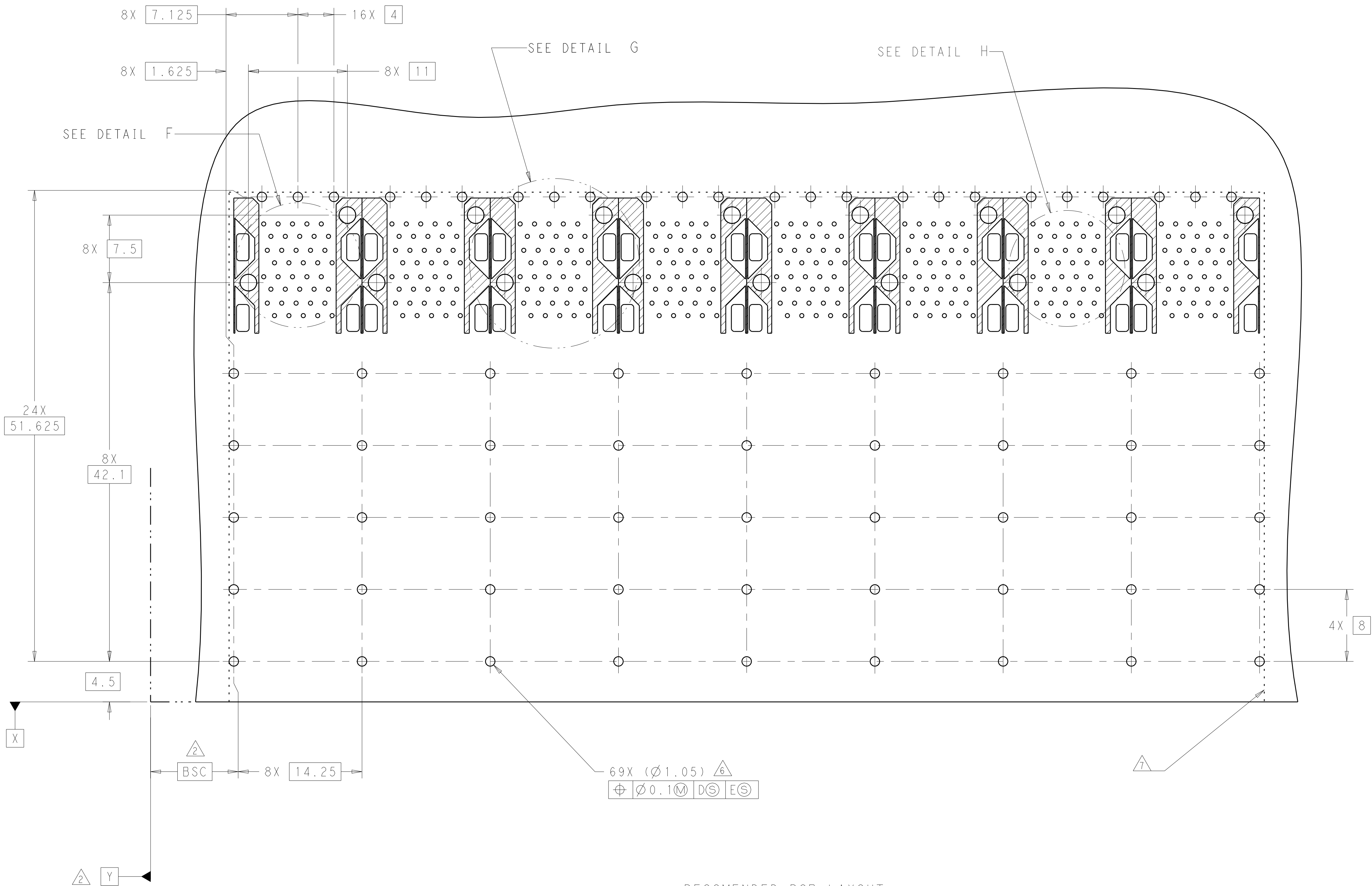
B

A

C

B

A



DETAIL H
CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD
8X INDIVIDUALLY
SCALE 10:1

RECOMENDED PCB LAYOUT
COMPONENT SIDE OF THE BOARD
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN C. VALENTINE	08OCT2010	 TE Connectivity	
		CHK J. PETERSON	08OCT2010		
DIMENSIONS:		APVD J. PETERSON	08OCT2010	NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X8, STACKED SFP+	
mm		PRODUCT SPEC			
		108-2331		SIZE CAGE CODE DRAWING NO	
		APPLICATION SPEC			
		114-13219		RESTRICTED TO	
		FINISH			
MATERIAL		WEIGHT		A100779C=2149490	
		CUSTOMER DRAWING		SCALE 3:1	SHEET 3 OF 4 REV B1

D

C

B

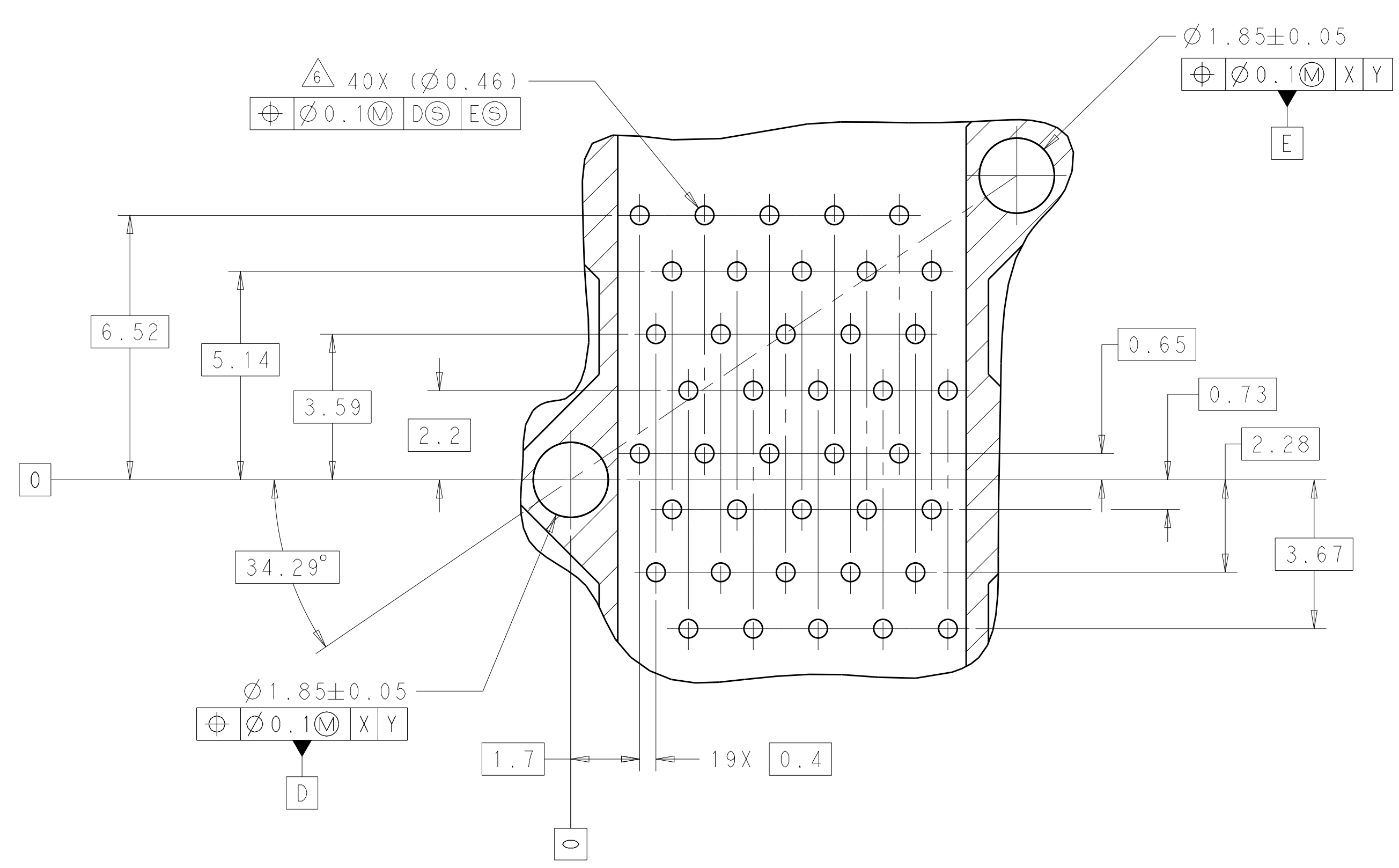
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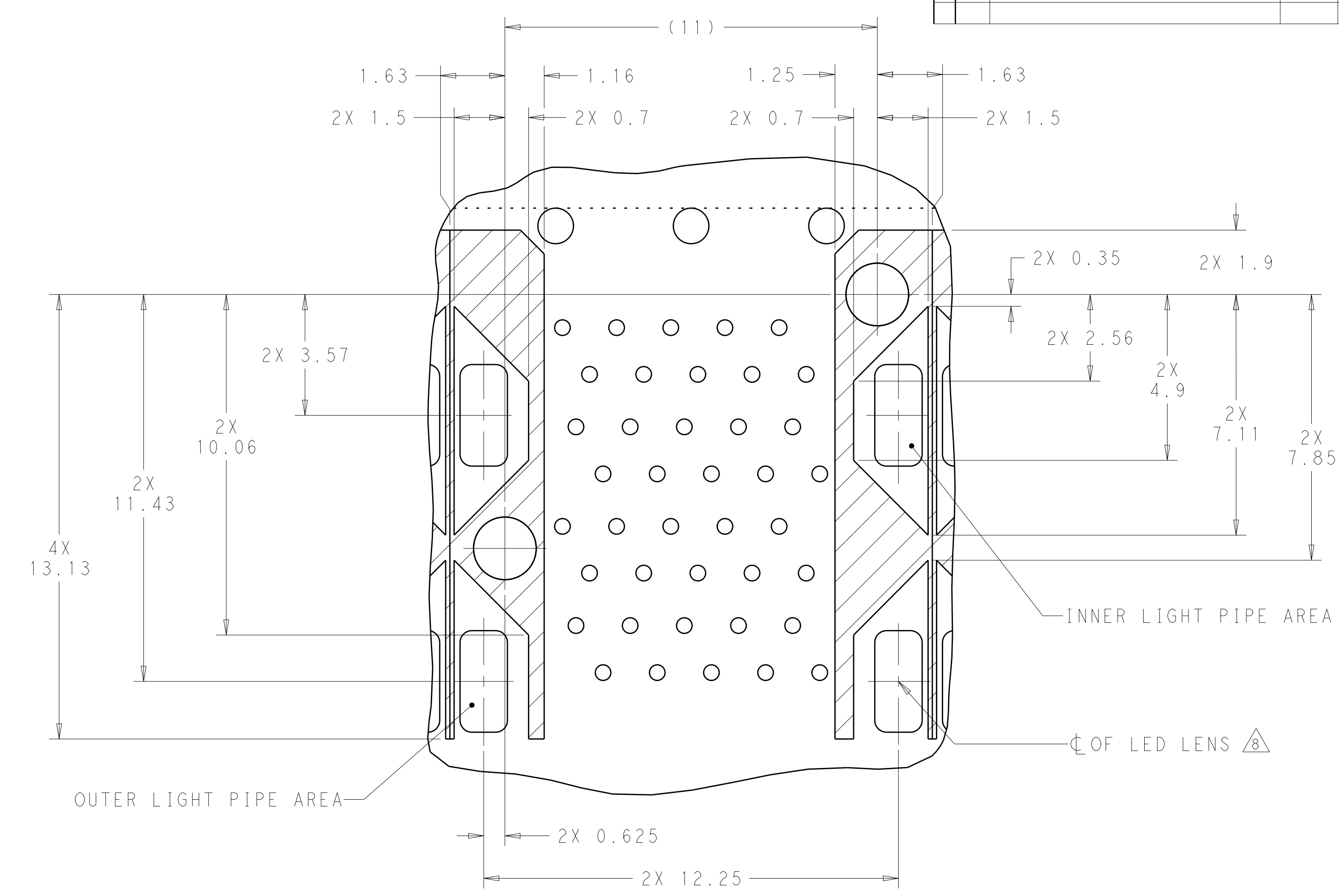
C

B

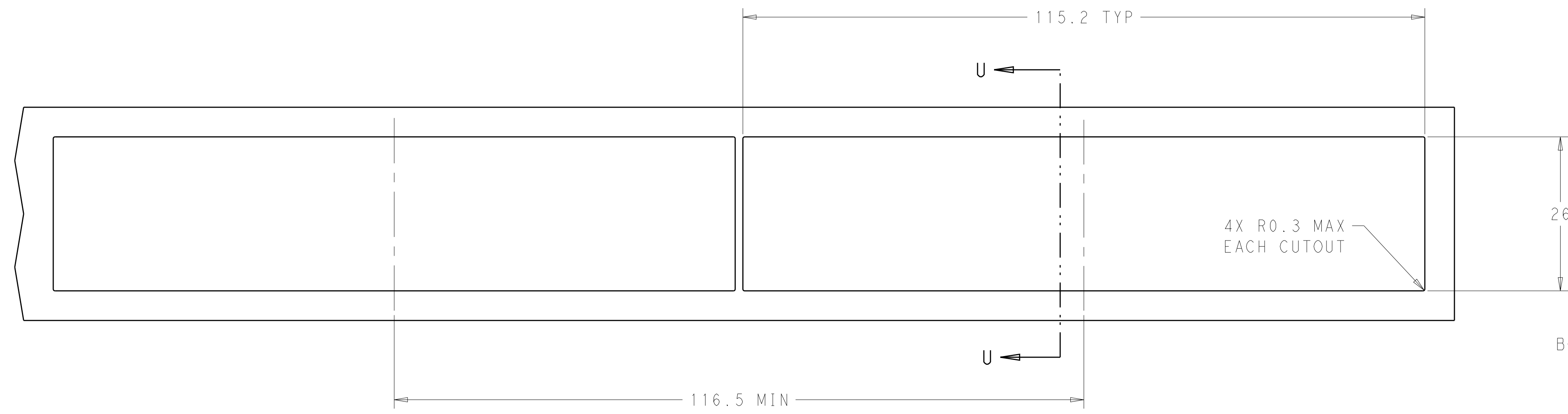
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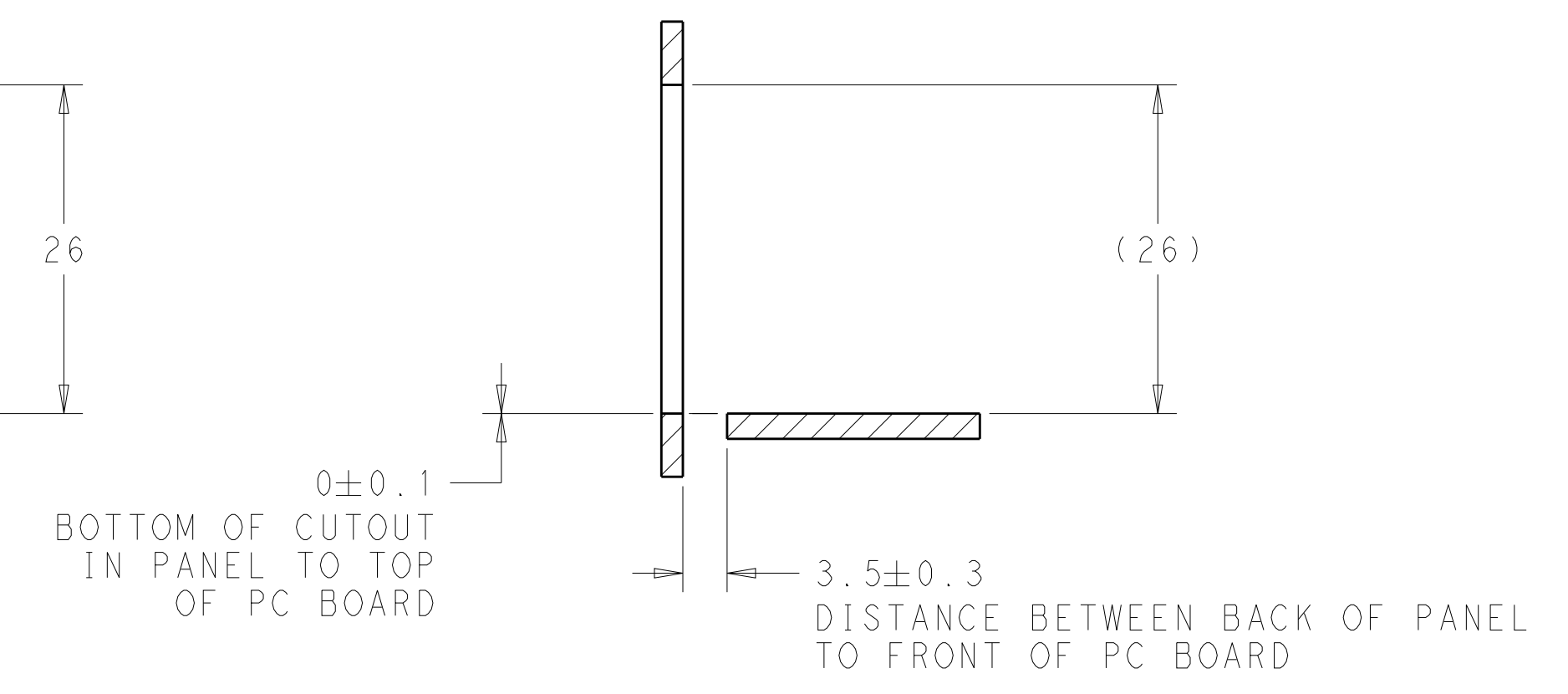
DETAIL F
8X INDIVIDUALLY
SCALE 10:1



DETAIL G
CONNECTOR HOUSING
KEEPOUT ZONE
8X INDIVIDUALLY
SCALE 10:1



RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL LAYOUT
SCALE 2:1



SECTION U-U
SCALE 2:1

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MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO A100779C=2149490	
CUSTOMER DRAWING		SCALE 3:1		SHEET 4 OF 4	
				REV B1	

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