

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED FOR PRODUCTION	29FEB2016	TX	SH
			A1	REVISED PER ECN-22-163746	11JUL2022	1T	SZ

D

C

B

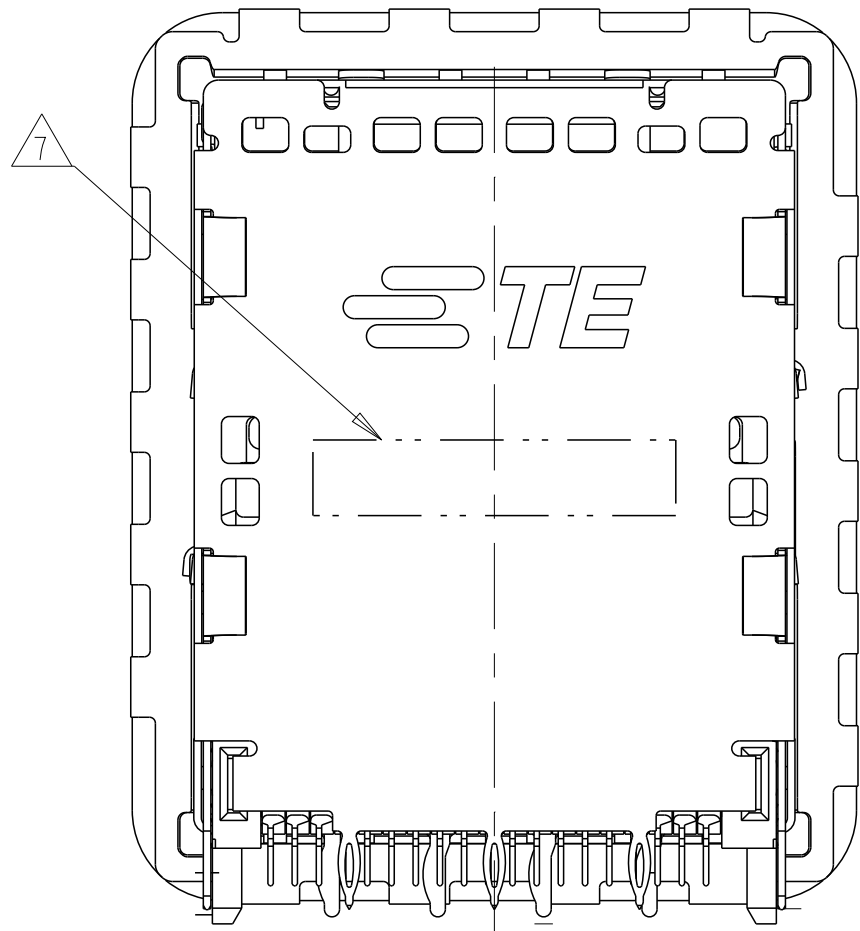
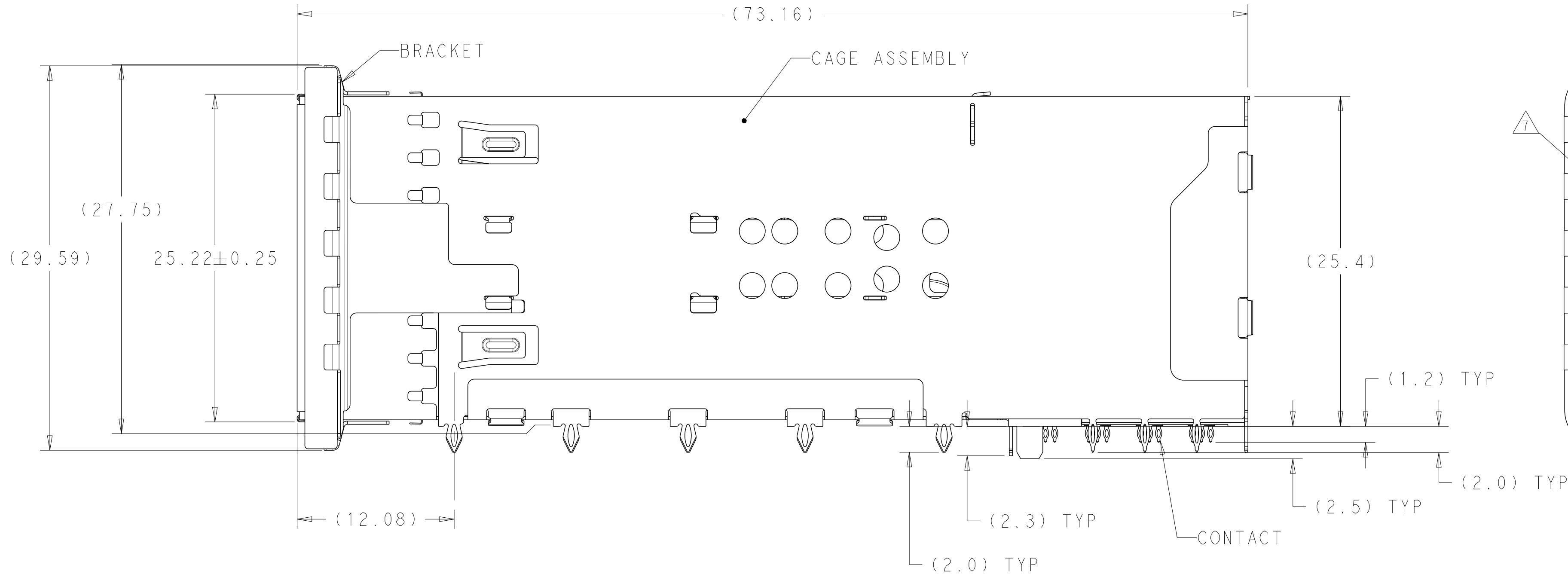
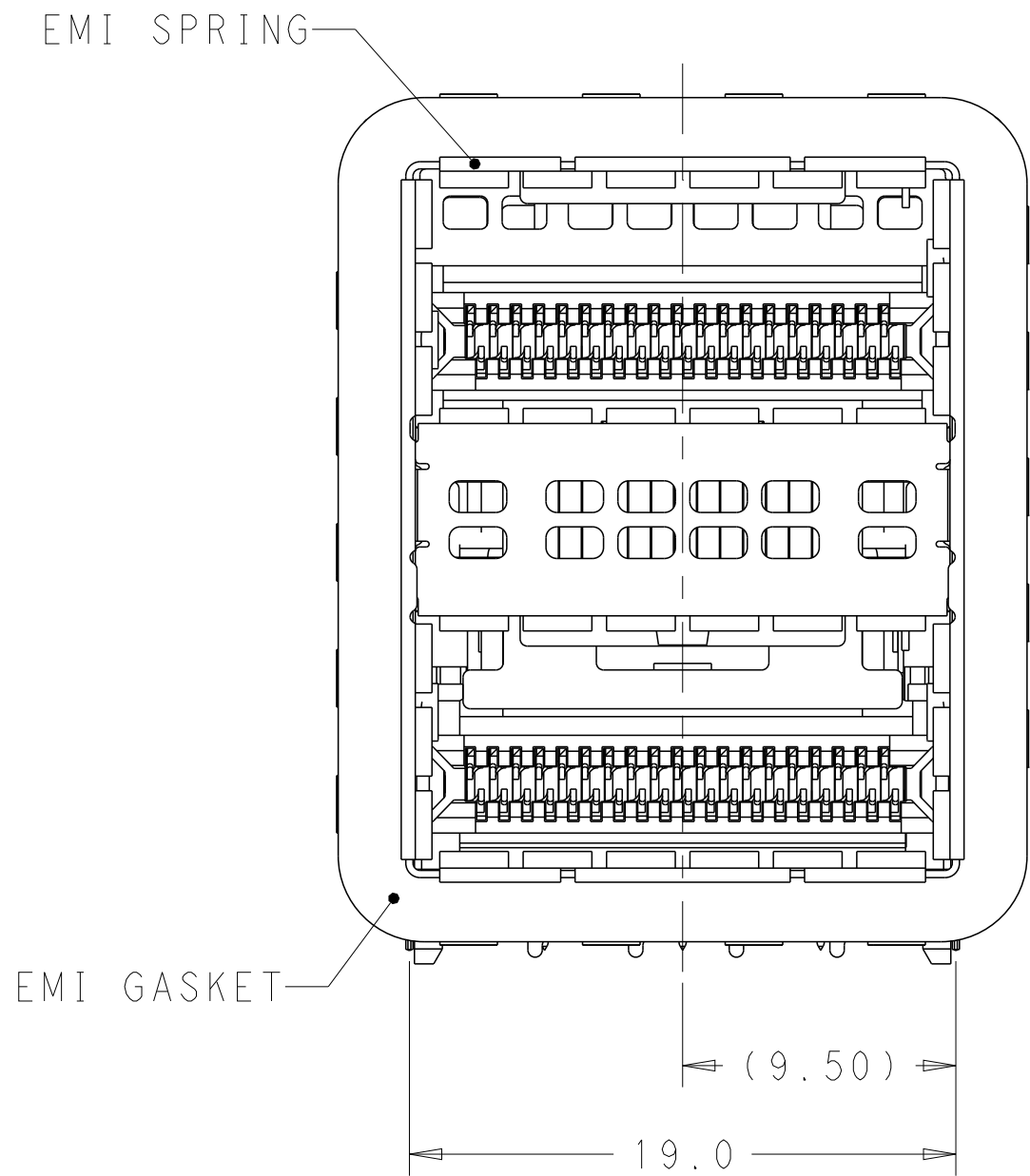
A

D

C

B

A



1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
BRACKET- STAINLESS STEEL.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
EMI GASKET- PLATED FILLED SILICONE.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.

2 CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm MATT TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.

3 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

4. MINIMUM PCB THICKNESS OF 1.57.

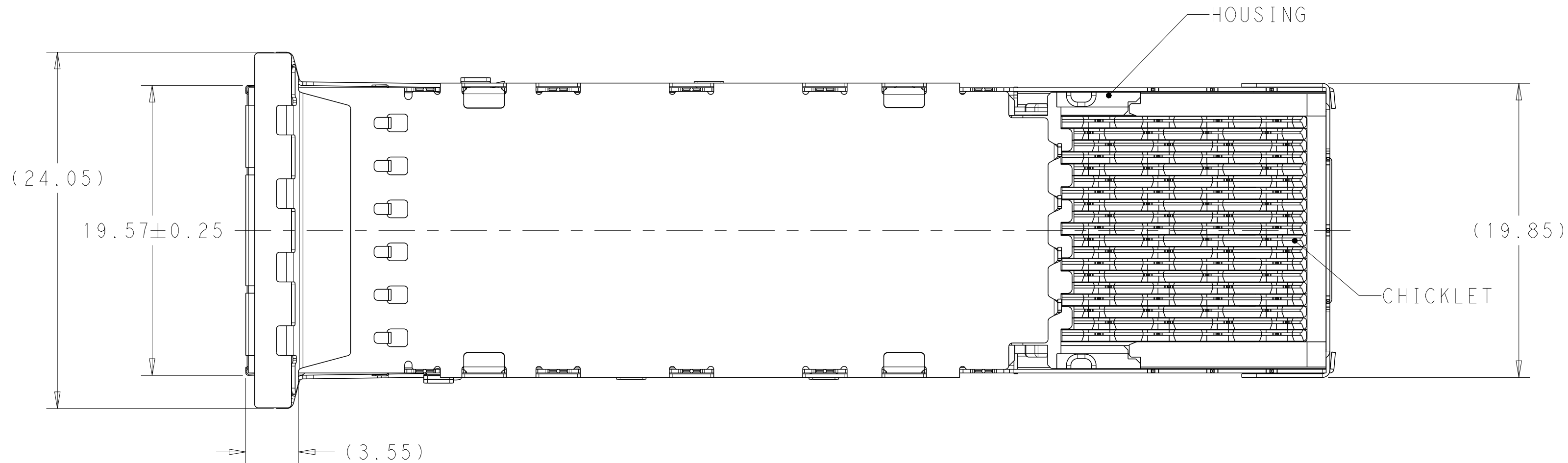
5 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.

6 CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.

7 PART NUMBER AND DATE CODE MARKED IN APPROXIMATE AREA SHOWN.

8 HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.

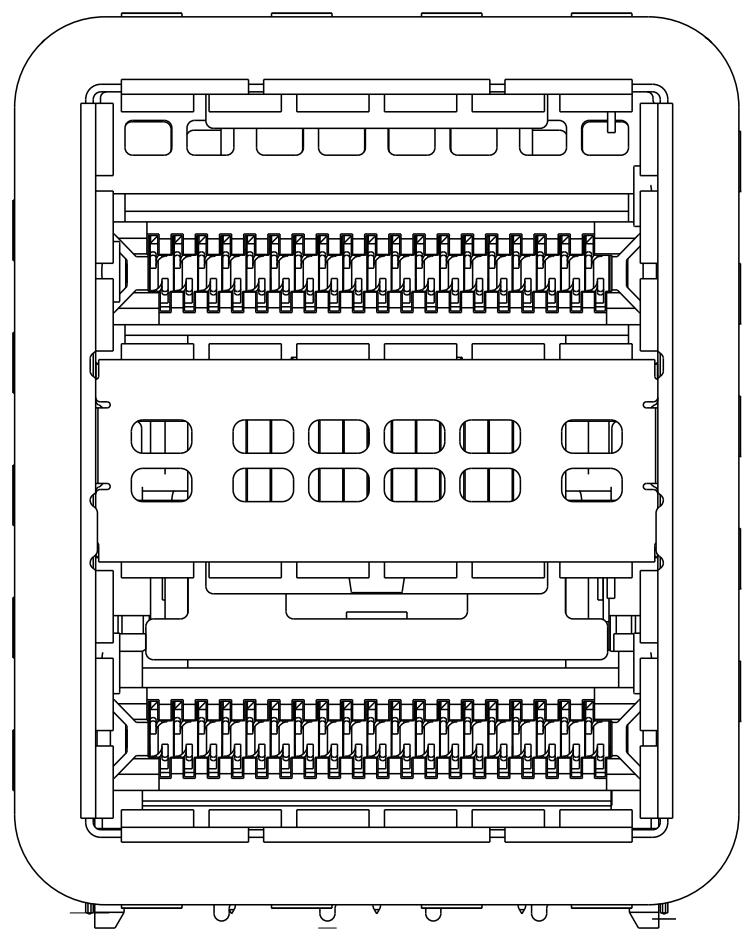
9 CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING END, 1.25µm MATT TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.



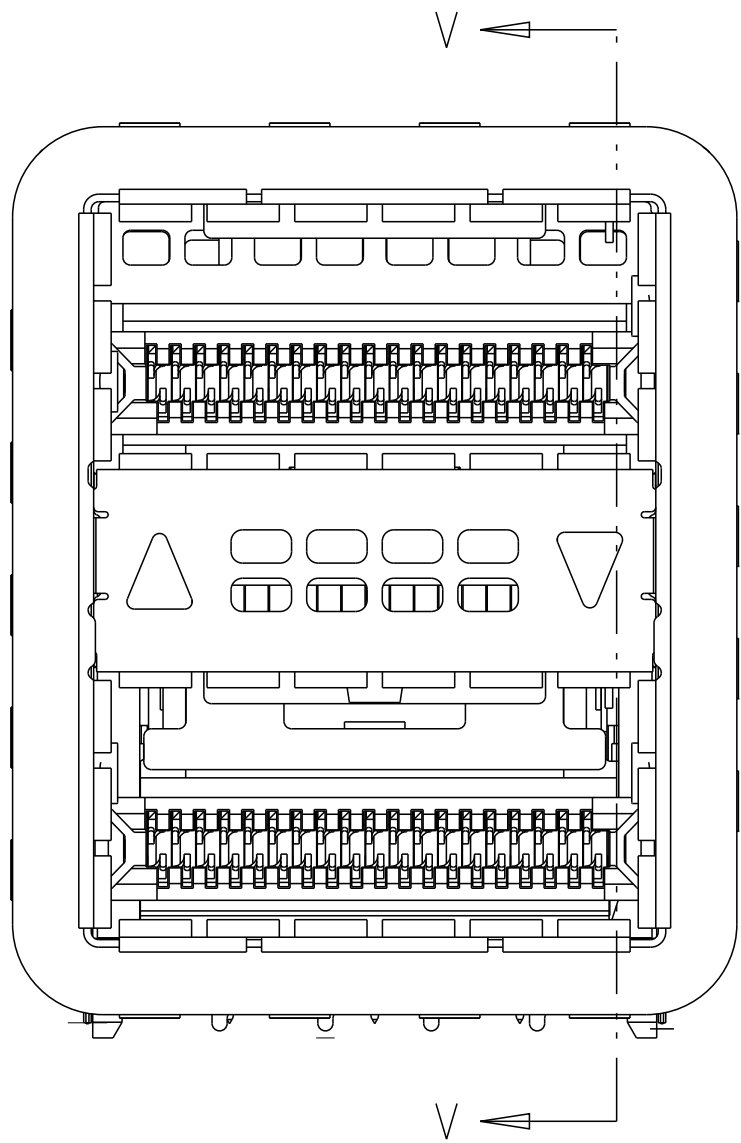
9	LEFT INDICATOR DOWN	2198373-6
9	LEFT INDICATOR UP	2198373-5
9	NO LIGHTPIPE	2198373-4
2	LEFT INDICATOR DOWN	2198373-3
2	LEFT INDICATOR UP	2198373-2
2	NO LIGHTPIPE	2198373-1
CONTACT FINISH	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN M. SHIRK 01NOV2011	TE Connectivity	
		CHK D. SZCZESNY 01NOV2011		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD -	NAME	CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X1, ZQSFP+ STACKED
mm	0 PLC ±.25 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH ±.	PRODUCT SPEC	SIZE	
		APPLICATION SPEC	CAGE CODE	
MATERIAL	SEE NOTE 1	WEIGHT	DRAWING NO	RESTRICTED TO
		CUSTOMER DRAWING	A100779C=2198373	
		SCALE 4:1	SHEET 1 OF 4	REV A1

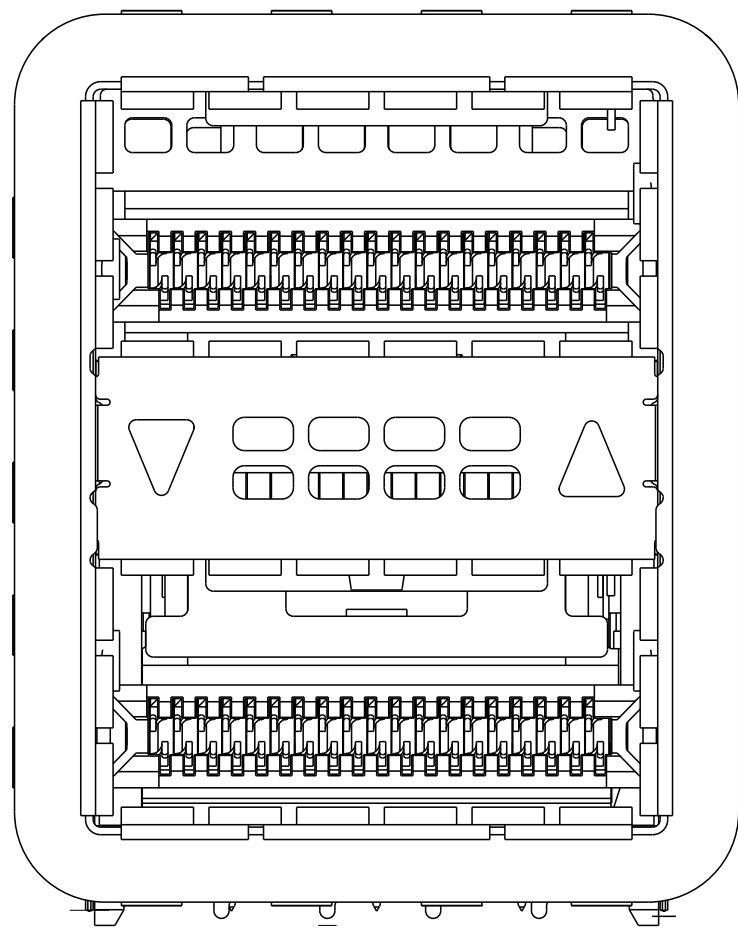
LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
rev_sym_1666_8H6EII1					rev_delete_v_dwn_1	apppr_1		
rev_sym_2rev_desc_2					rev_delete_v_dwn_2	apppr_2		
rev_sym_3rev_desc_3					rev_delete_v_dwn_3	apppr_3		
rev_sym_4rev_desc_4					rev_delete_v_dwn_4	apppr_4		



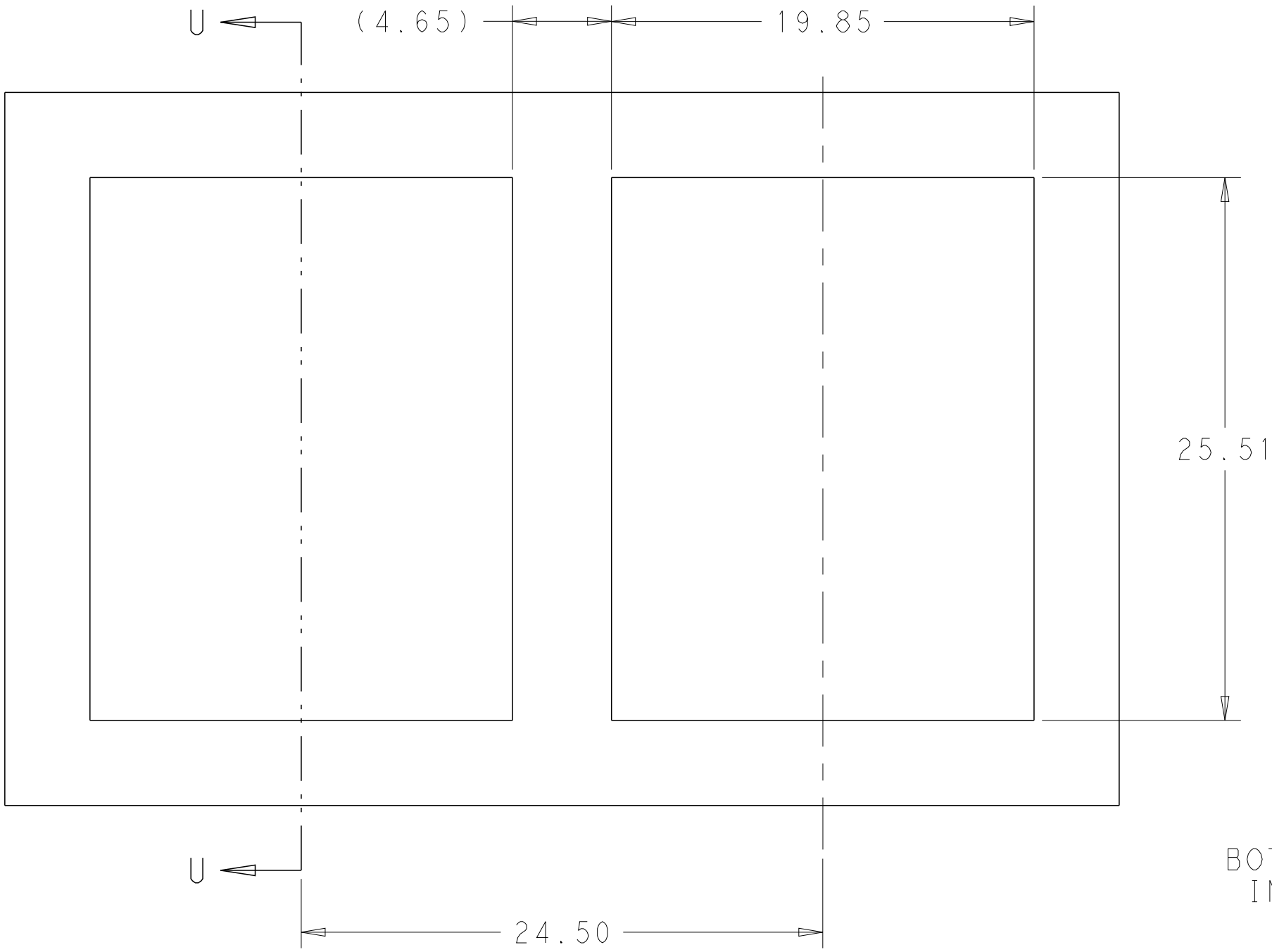
2198373-1 / 2198373-4
NO LIGHTPIPE IN ASSEMBLY



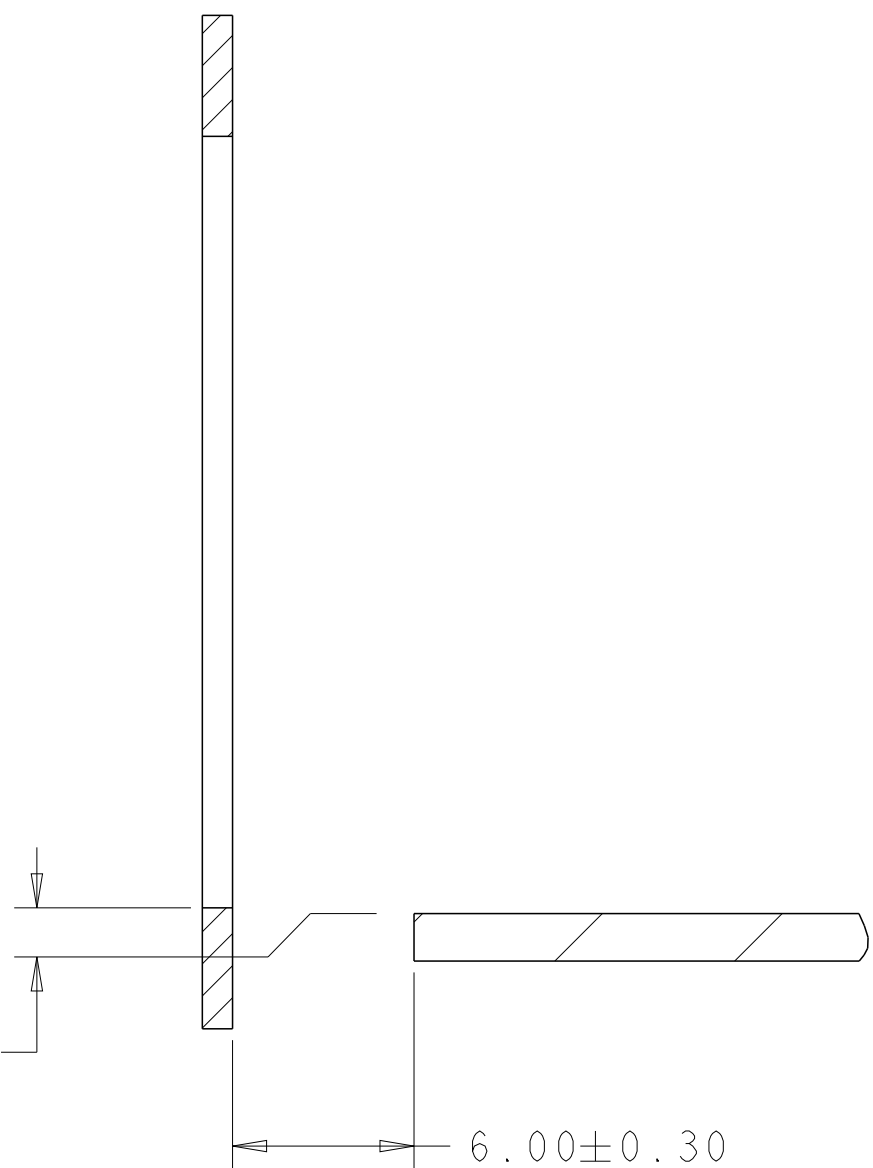
2198373-2 / 2198373-5
LEFT LIGHTPIPE INDICATOR
POINTING TO UPPER PORT



2198373-3 / 2198373-6
LEFT LIGHTPIPE INDICATOR
POINTING TO LOWER PORT



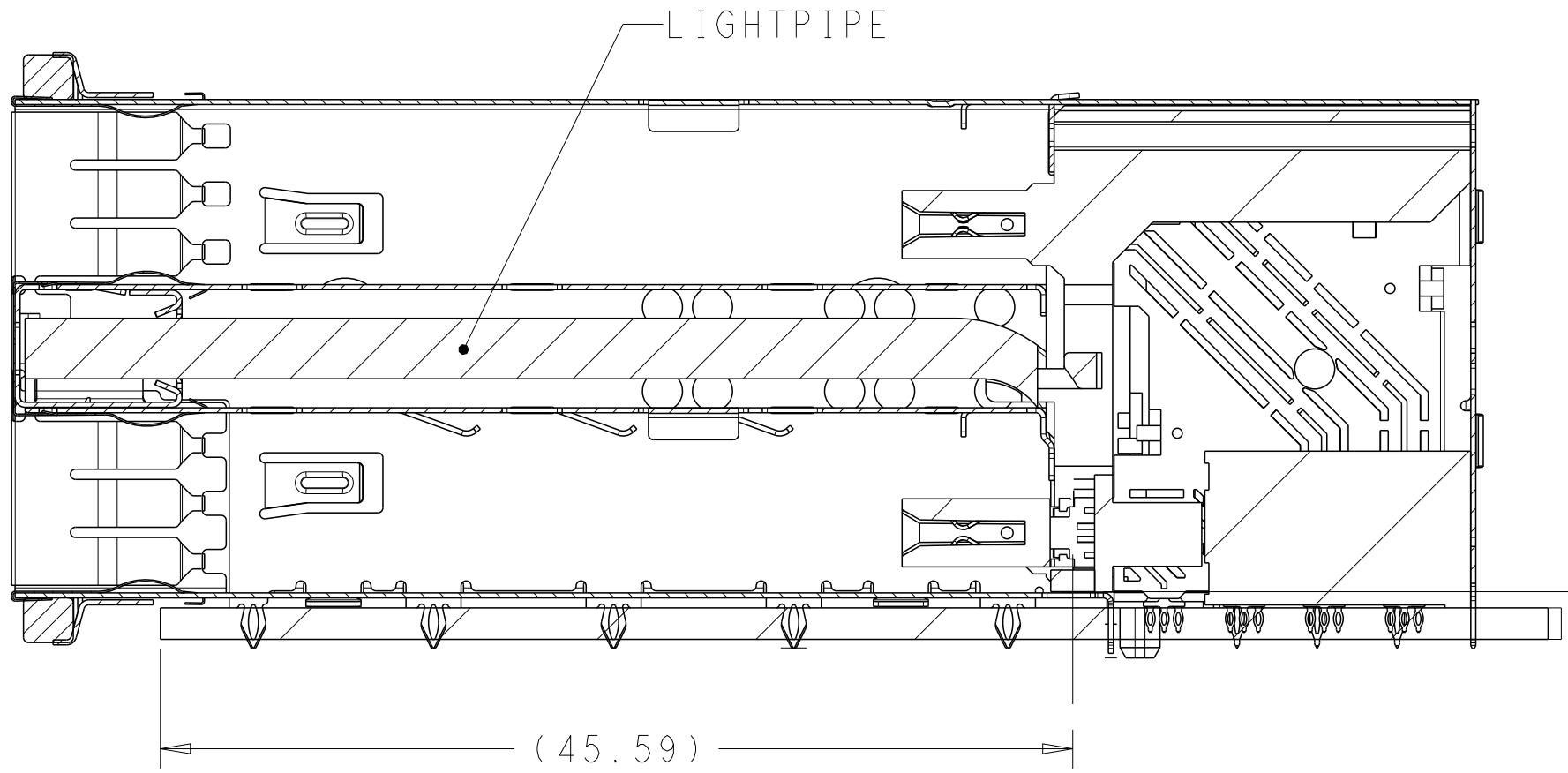
RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION



0.19
BOTTOM OF CUTOUT
IN PANEL TO TOP
OF PC BOARD

6.00±0.30
DISTANCE BETWEEN BACK OF
PANEL AND FRONT OF PCB

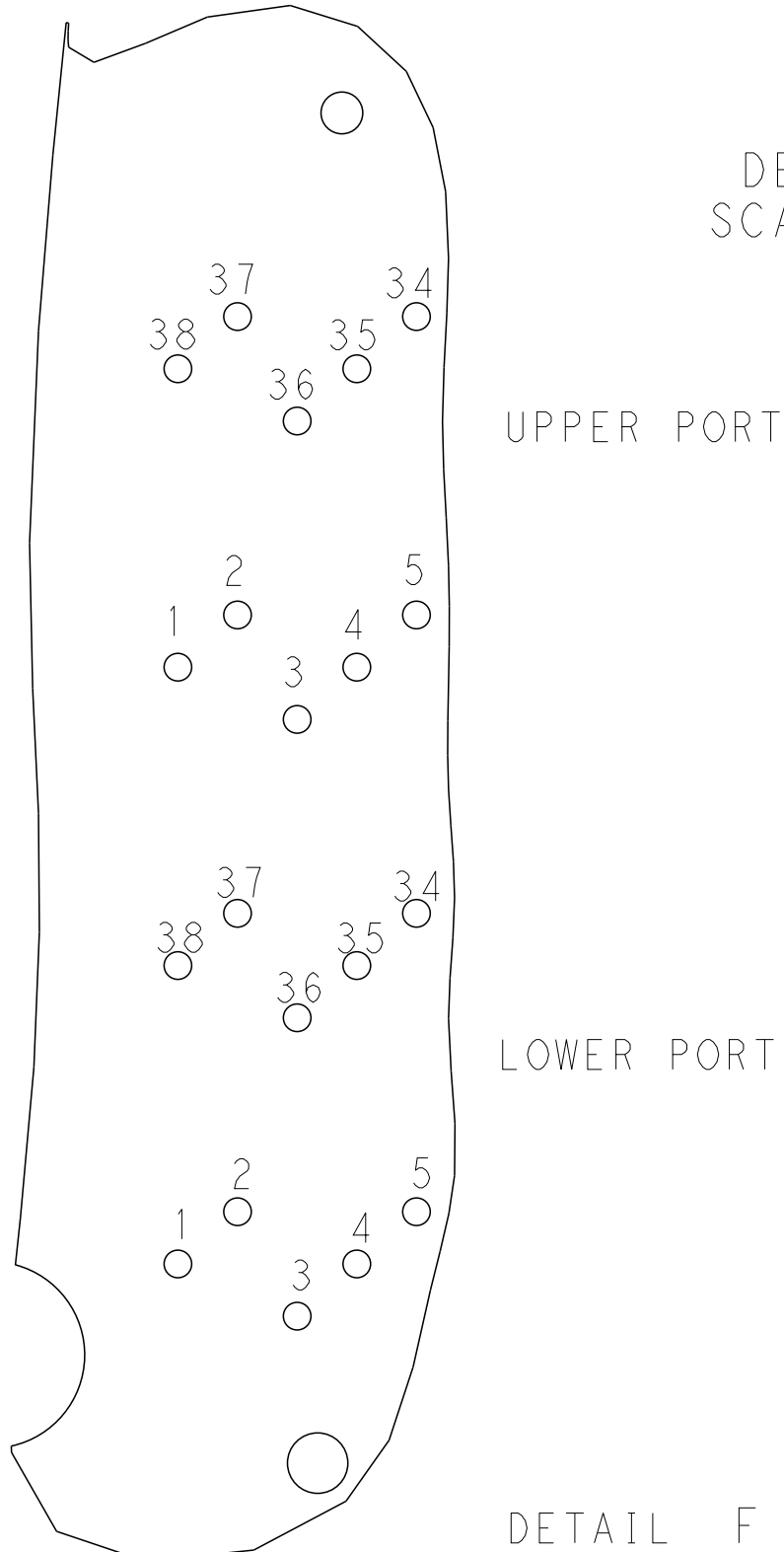
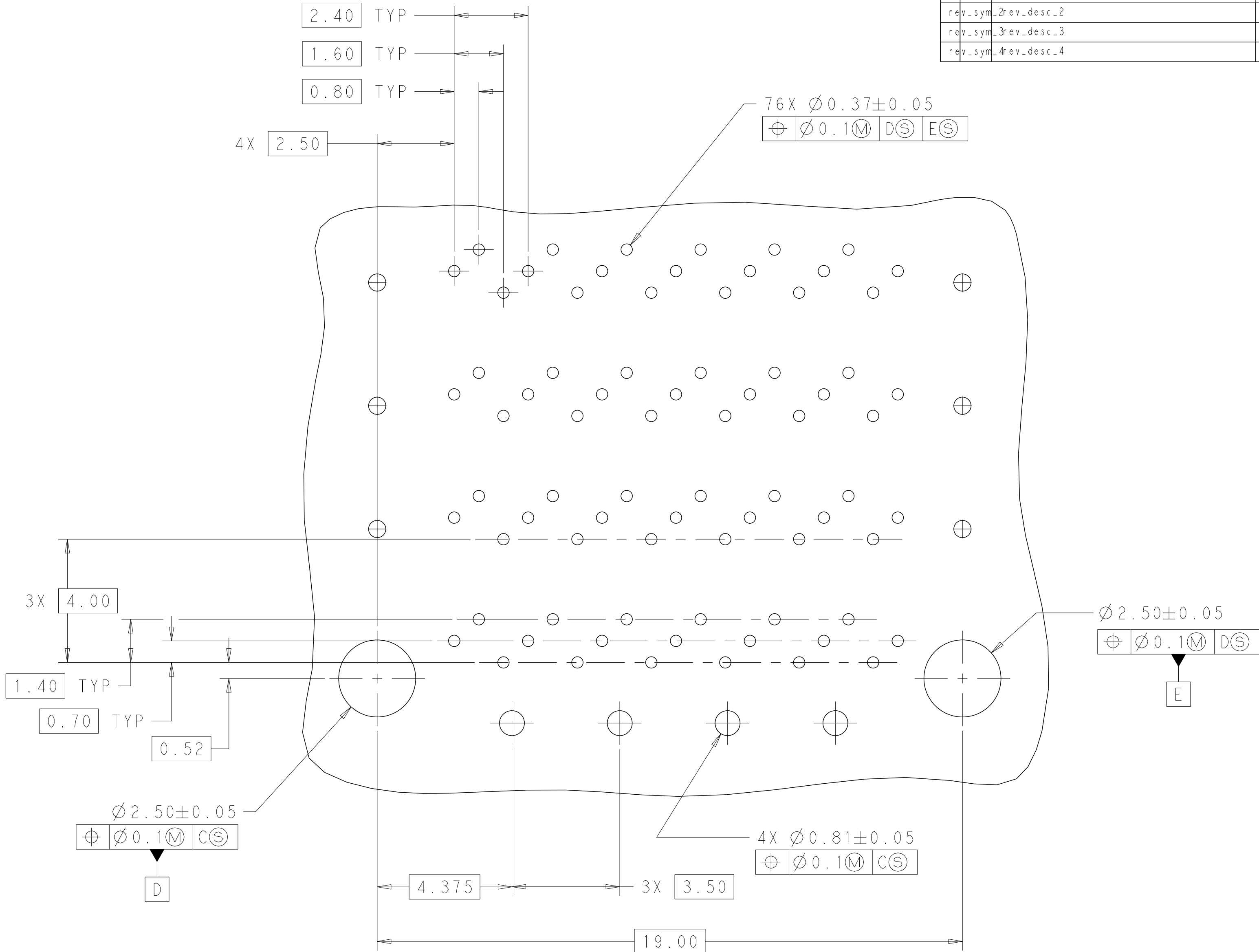
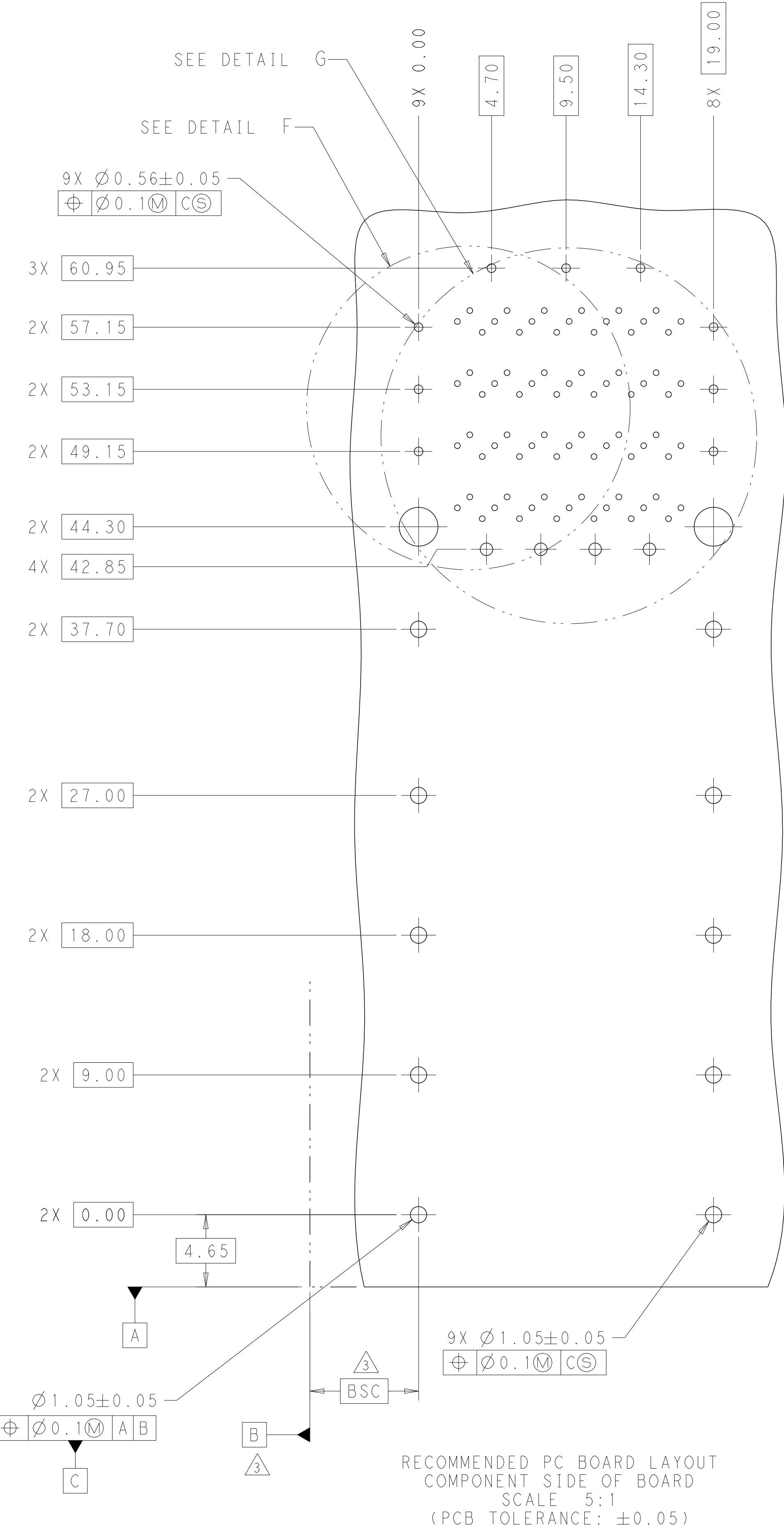
SECTION U-U



SECTION V-V
SCALE 3:1

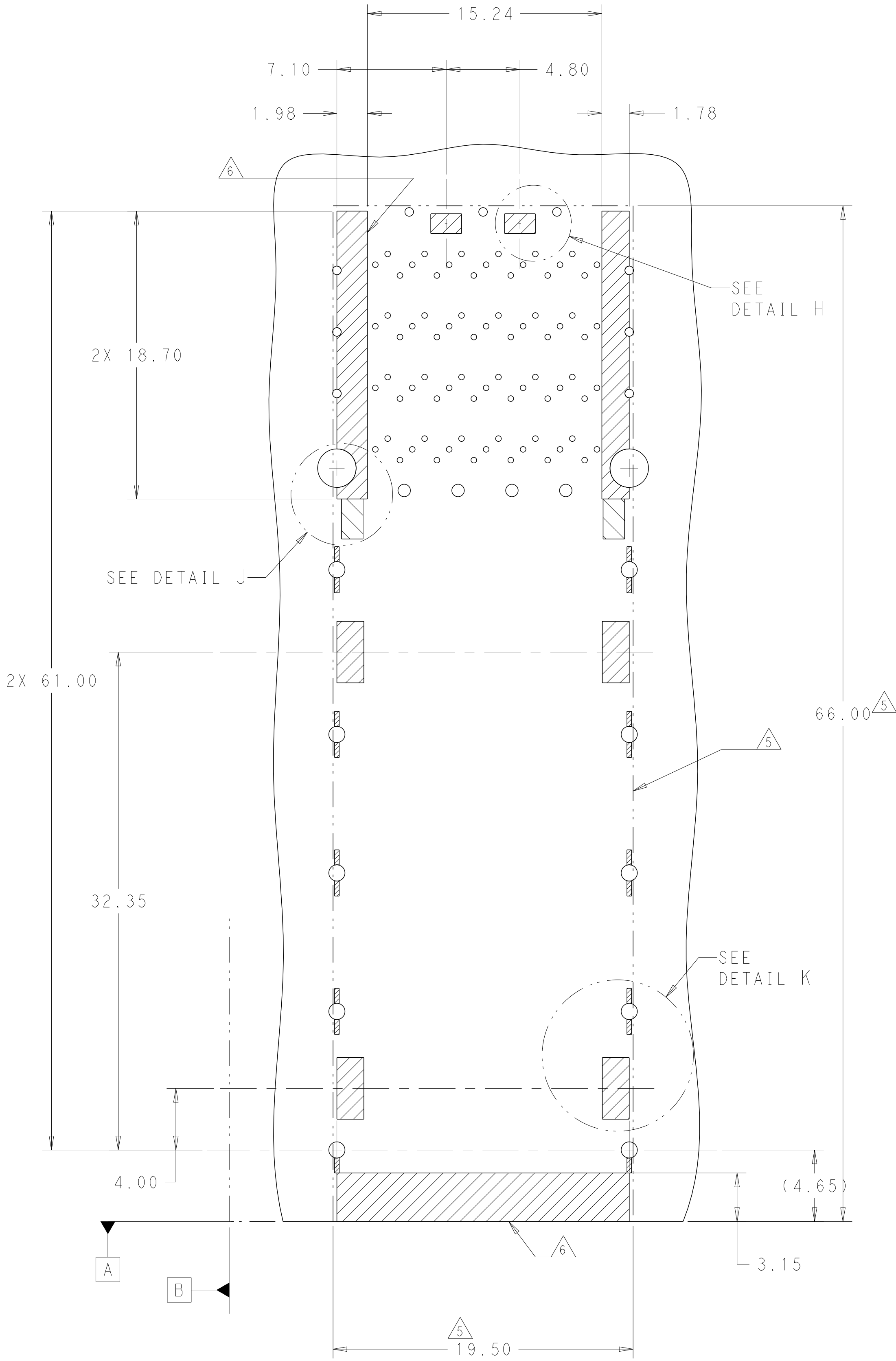
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M. SHIRK	01NOV2011	 TE Connectivity	
		CHK D. SZCZESNY	01NOV2011		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X1, ZQSFP+ STACKED	
		APVD		SIZE A1	
		PRODUCT SPEC			
		APPLICATION SPEC		CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		RESTRICTED TO	
SEE NOTE 1		CUSTOMER DRAWING		A1 00779 ©=2198373	
				SCALE 4:1 SHEET 2 OF 4 REV A1	

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
rev_sym_1666_8H6E111				rev_date	rev_dwn	rev_appr	1
rev_sym_2rev_desc_2				rev_date	rev_dwn	rev_appr	2
rev_sym_3rev_desc_3				rev_date	rev_dwn	rev_appr	3
rev_sym_4rev_desc_4				rev_date	rev_dwn	rev_appr	4

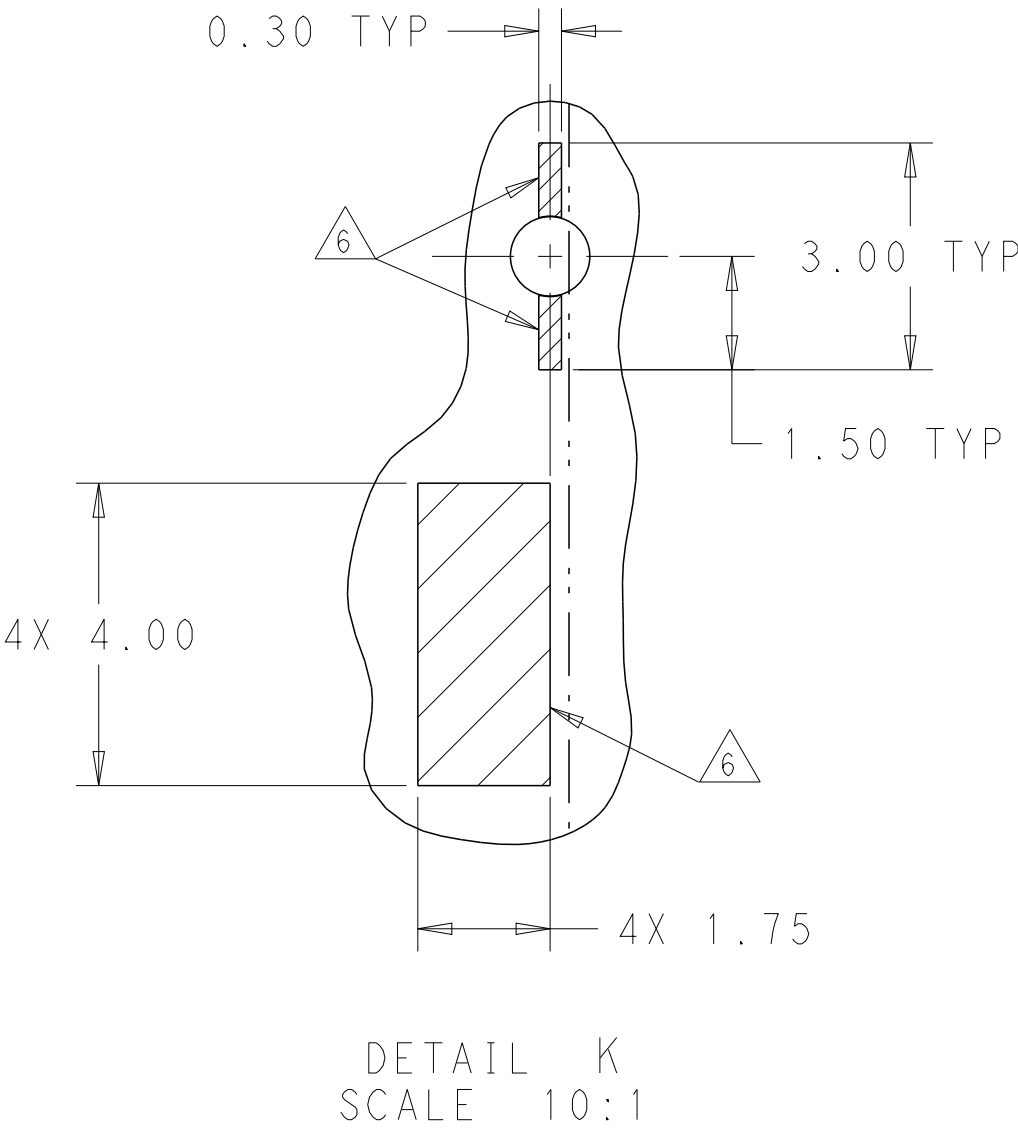
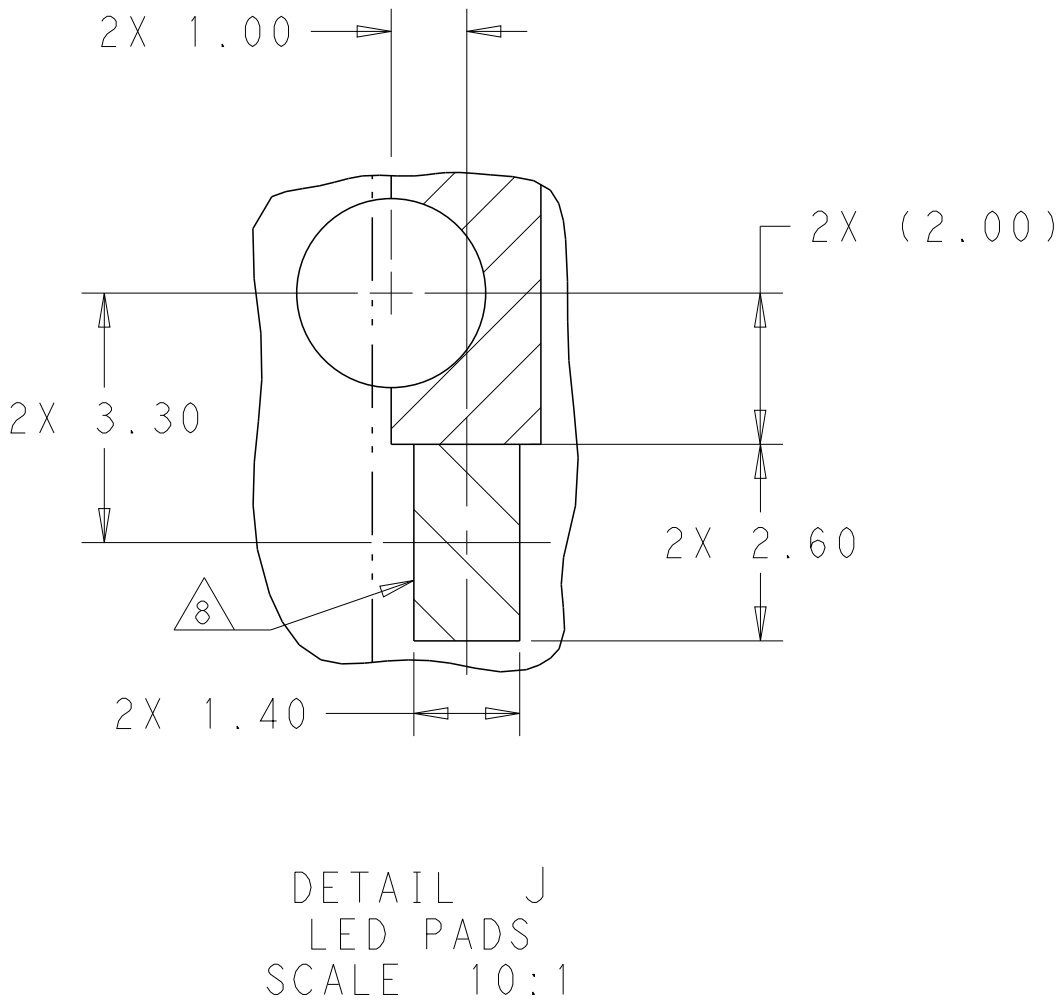
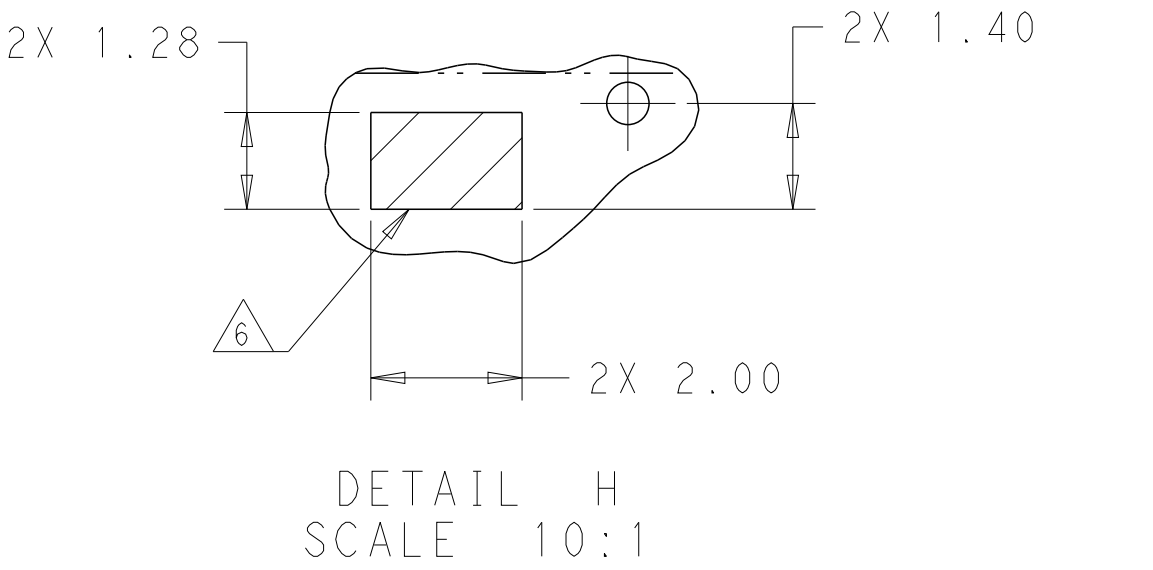


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TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK D. SZCZESNY 01NOV2011		
DIMENSIONS:	mm	APVD -	NAME	CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X1, ZQSFP+ STACKED
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.25	APPLICATION SPEC	
	2 PLC	±0.15		
	3 PLC	±		
MATERIAL	-	WEIGHT	SIZE	CAGE CODE
SEE NOTE 1	-	-	A100779	C=2198373
CUSTOMER DRAWING		SCALE	4:1	SHEET 3 OF 4
		REV	A1	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		rev_sym_1666_086E111			rev_delete_v_dwn_1	1
		rev_sym_2rev_desc_2			rev_delete_v_dwn_2	2
		rev_sym_3rev_desc_3			rev_delete_v_dwn_3	3
		rev_sym_4rev_desc_4			rev_delete_v_dwn_4	4



KEEPOUT AREAS
COMPONENT SIDE OF BOARD
SCALE 5:1



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M. SHIRK CHK D. SZCZESNY	01NOV2011 01NOV2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.25 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±. 4 PLC ±.		CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X1, ZQSFP+ STACKED	
		ANGLES FINISH		SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		A100779C=2198373	
SEE NOTE 1		CUSTOMER DRAWING		SCALE 4:1	SHEET 4 OF 4
				REV A1	