

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	B1		REVISED PER ECO-11-004835	11MAR2011	RK	HMR
		C		REVISED PER ECO-11-020849	11JAN2011	CJV	PAR
		C1		REVISED PER ECO-13-003678	09APR2013	CJV	PAR

D

C

B

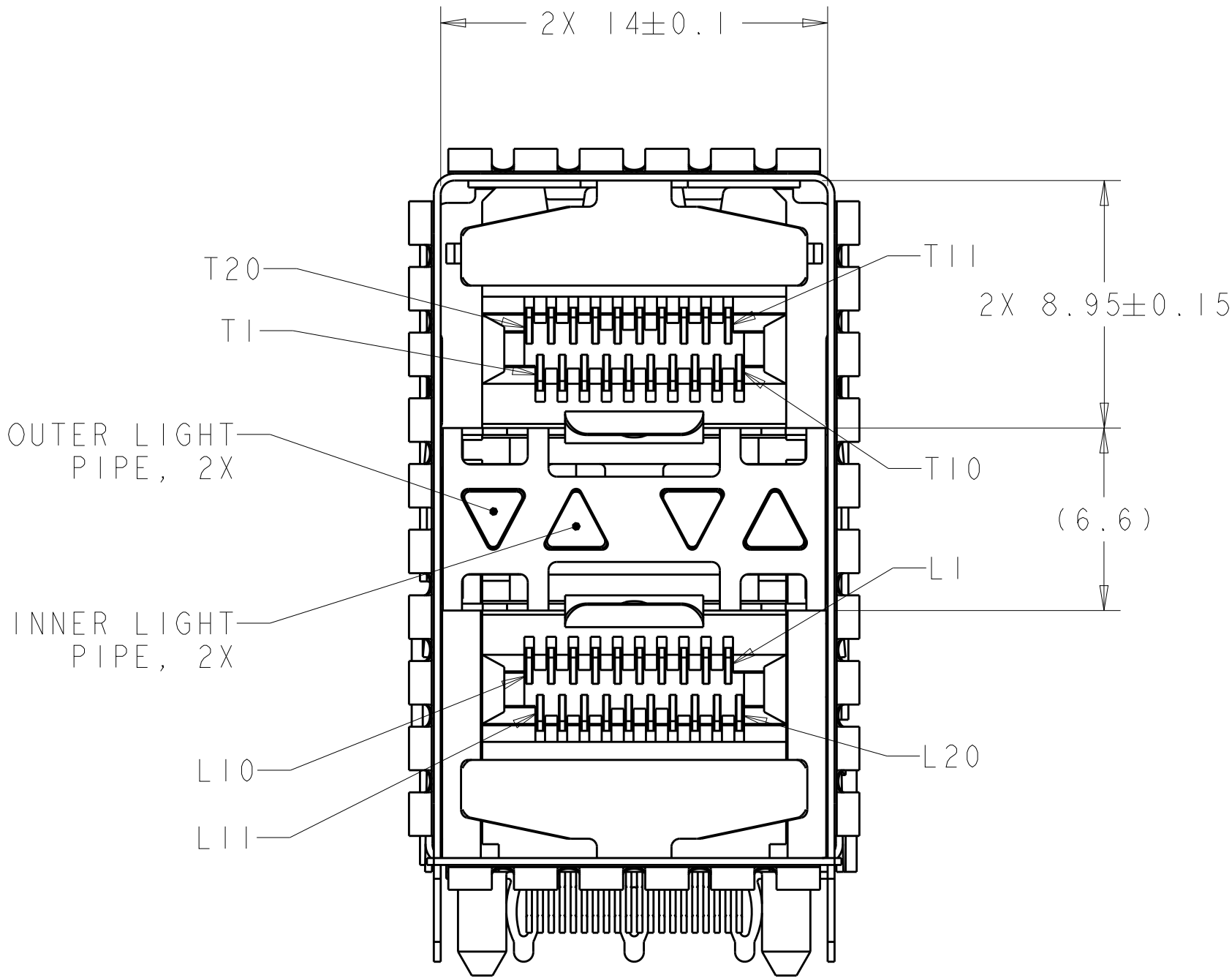
A

D

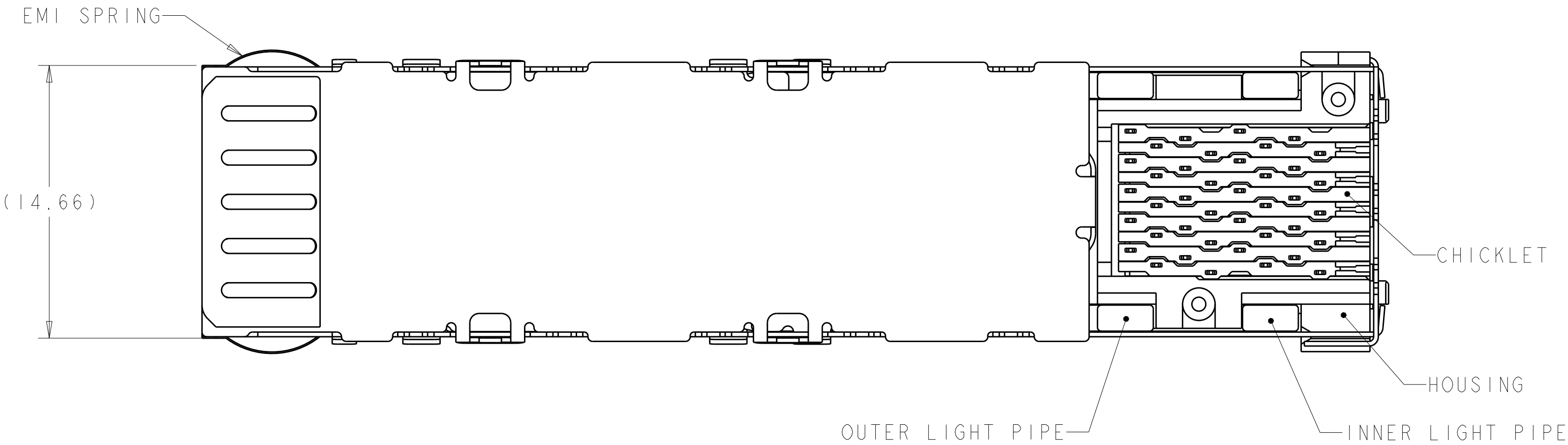
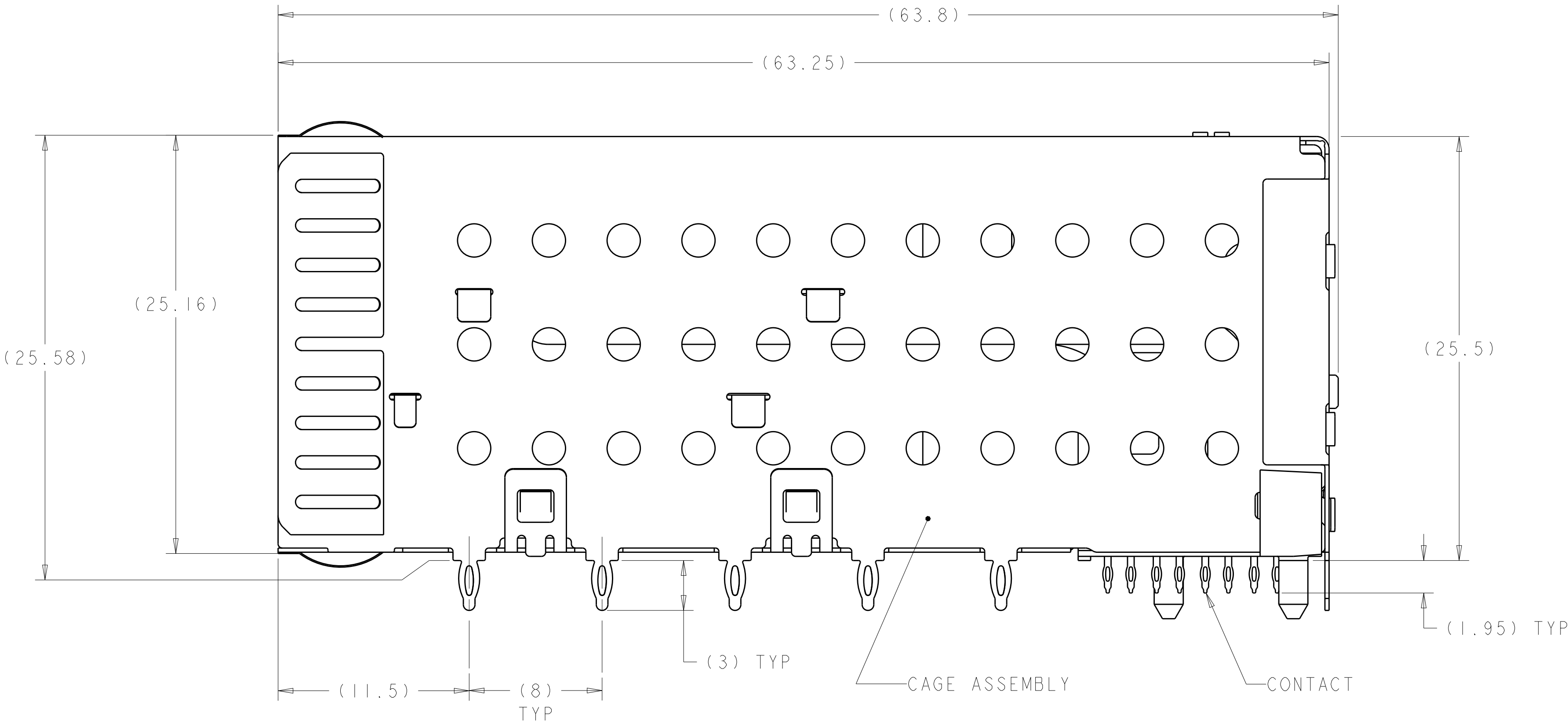
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B

A



2007492-1 AS SHOWN

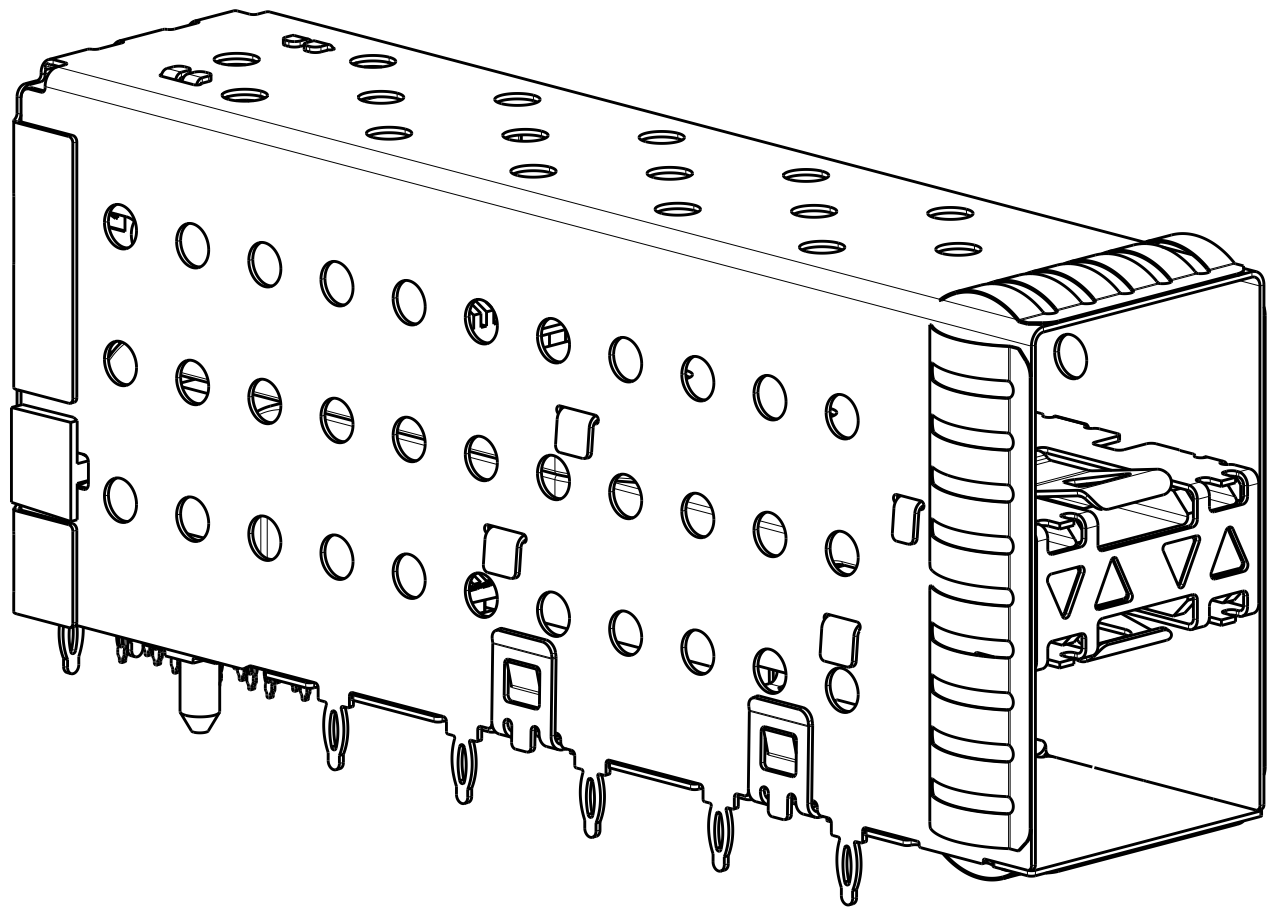


- 1 MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY.
HOUSING- BLACK LCP, UL 94V-0 RATED.
CHICKLET- BLACK LCP, UL 94V-0 RATED.
LIGHT PIPE- POLYCARBONATE, CLEAR.
INSERT- PBT, BLACK, UL 94V-0.
CONTACT- COPPER ALLOY.
- 2 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
3. MINIMUM PCB THICKNESS OF 1.5.
- 4 CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN-LEAD ON NEEDLE EYE.
- 5 CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE.
- 6 FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPEC 114-13219.
- 7 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.
- 8 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm.
- 9 EMI SPRING FINISH: 0.8µm MINIMUM MATTE TIN OVER 0.8µm MINIMUM NICKEL, NONPLATED EDGES PERMISSIBLE.
- 10 ADDITIONAL COMPONENT LOCATED WITHIN LATCH PLATE FOR EMI SUPPRESSION.

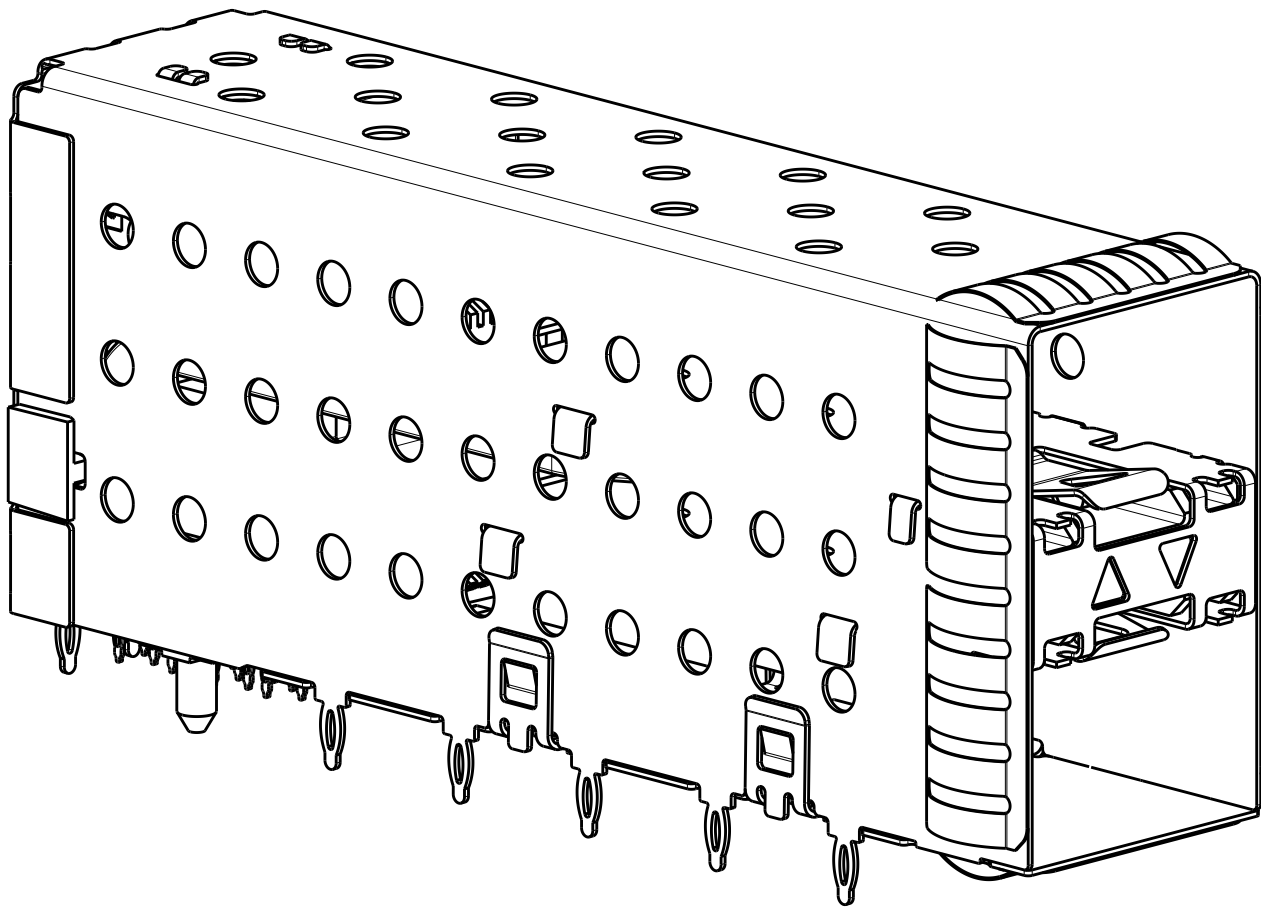
YES 		NO LIGHT PIPES	1-2007462-8
		OUTER 2 LIGHT PIPES	1-2007492-7
		INNER 2 LIGHT PIPES	1-2007492-6
		4 LIGHT PIPES	1-2007492-5
NO		NO LIGHT PIPES	2007492-8
		OUTER 2 LIGHT PIPES	2007492-7
		INNER 2 LIGHT PIPES	2007492-6
		4 LIGHT PIPES	2007492-5
NO		NO LIGHT PIPES	2007492-4
		OUTER 2 LIGHT PIPES	2007492-3
		INNER 2 LIGHT PIPES	2007492-2
		4 LIGHT PIPES	2007492-1
ENHANCED EMI	FINISH	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN M. SHIRK 30NOV2007	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK D. SZCZESNY 30NOV2007		
DIMENSIONS: mm		APVD D. SZCZESNY 30NOV2007	NAME	
0 PLC ±0.10		PRODUCT SPEC	CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+	
1 PLC ±0.10		108-2331		
2 PLC ±0.10		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
3 PLC ±0.10		114-13219	A100779C=2007492	
4 PLC ±		WEIGHT	RESTRICTED TO	
ANGLES FINISH		CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 4 REV C1	

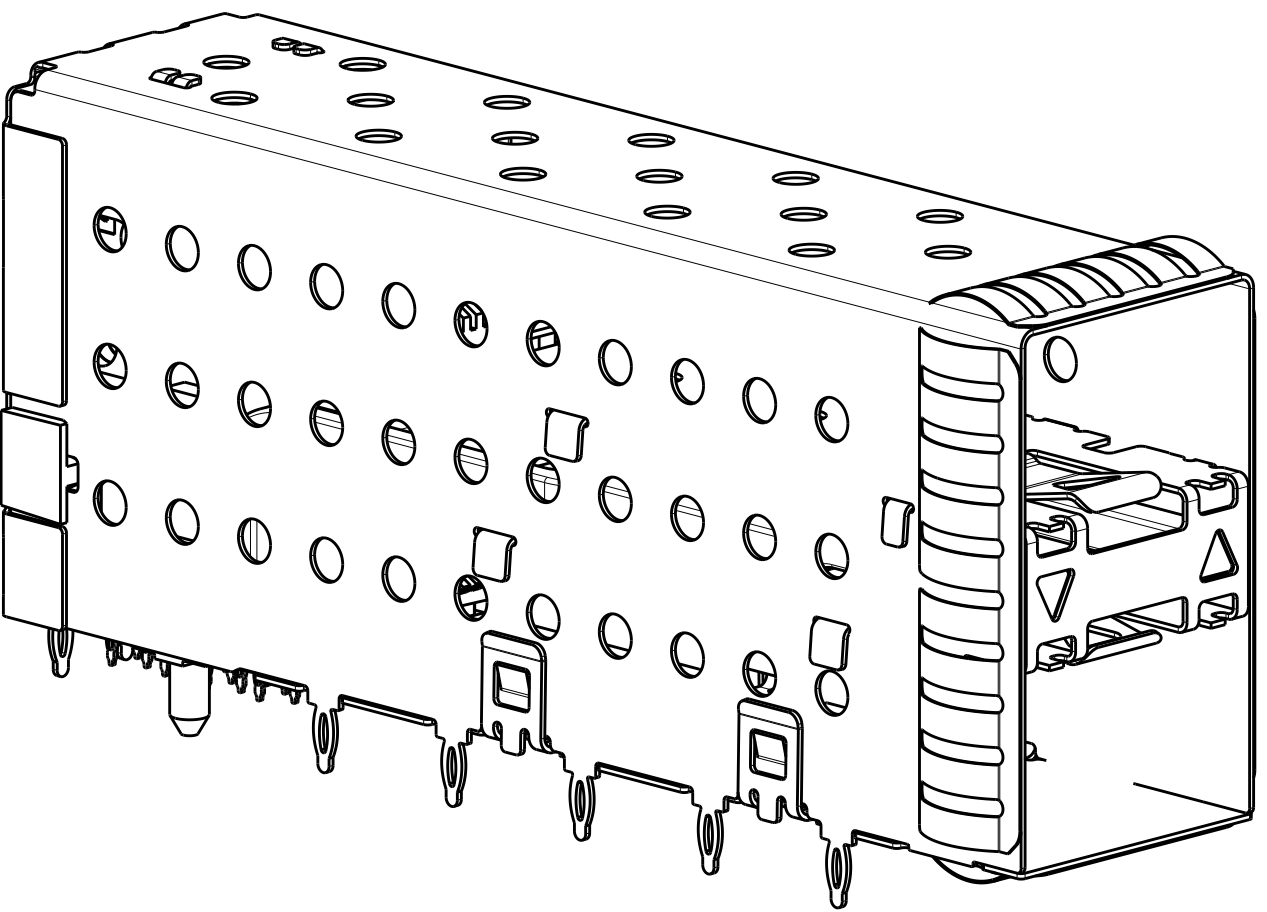
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GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



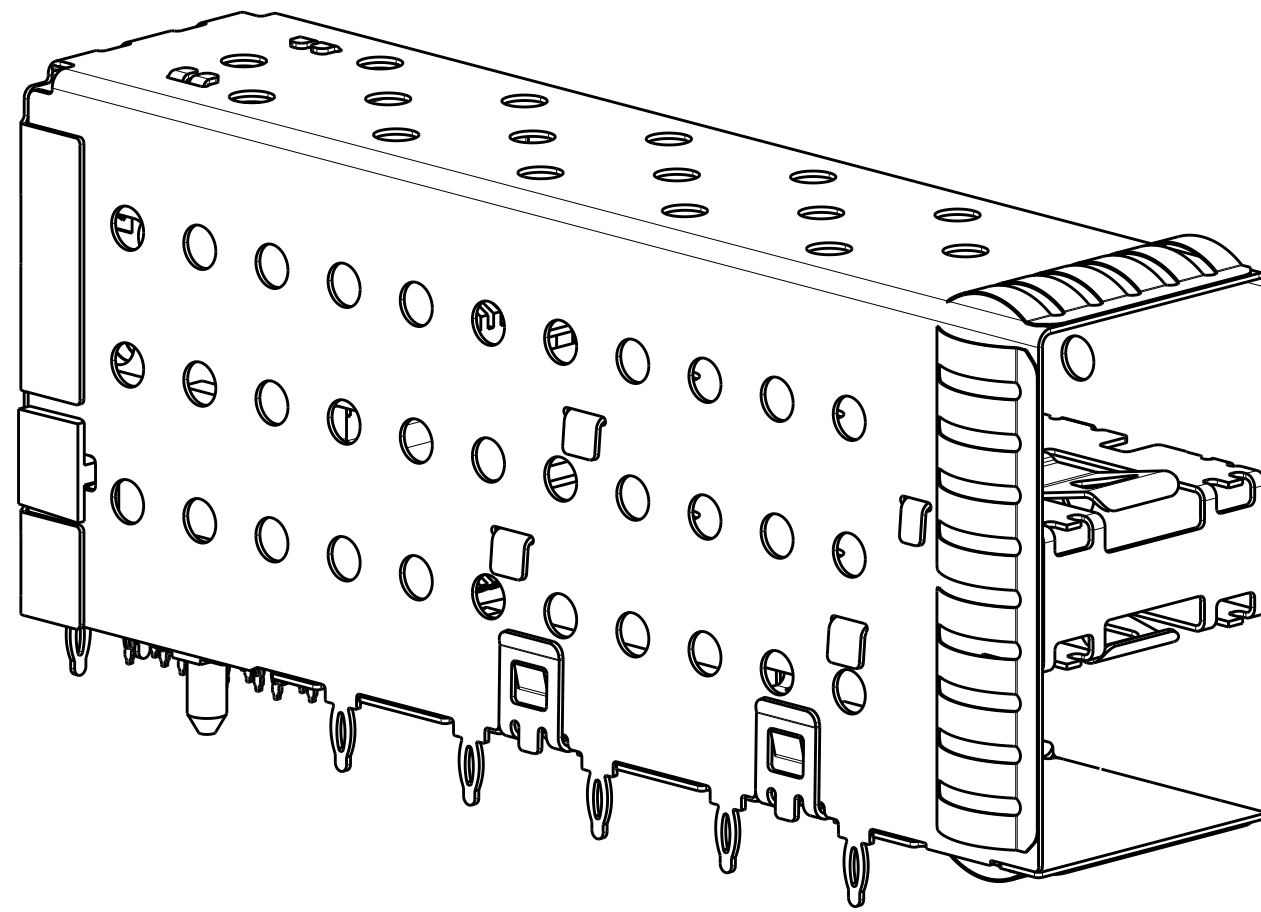
2007492-1, 2007492-5 AND 1-2007492-5
SCALE 3:1



2007492-2, 2007492-6 AND 1-2007492-6
SCALE 3:1



2007492-3, 2007492-7 AND 1-2007492-7
SCALE 3:1



2007492-4, 2007492-8 AND 1-2007492-8
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING
PER ASME Y14.5M-2009

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±0.10
±0.10
±0.10
±0.10
±
±

DWN
M. SHIRK
CHK
D. SZCZESNY
APVD
D. SZCZESNY

30NOV2007
30NOV2007
30NOV2007

PRODUCT SPEC
108-2331
APPLICATION SPEC
114-13219

WEIGHT
-

CUSTOMER DRAWING

NAME
CAGE AND PT CONNECTOR ASSEMBLY,
WITH EMI SPRINGS,
PRESS FIT, 2X1, STACKED SFP+

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2007492

RESTRICTED TO
-

SCALE
5:1

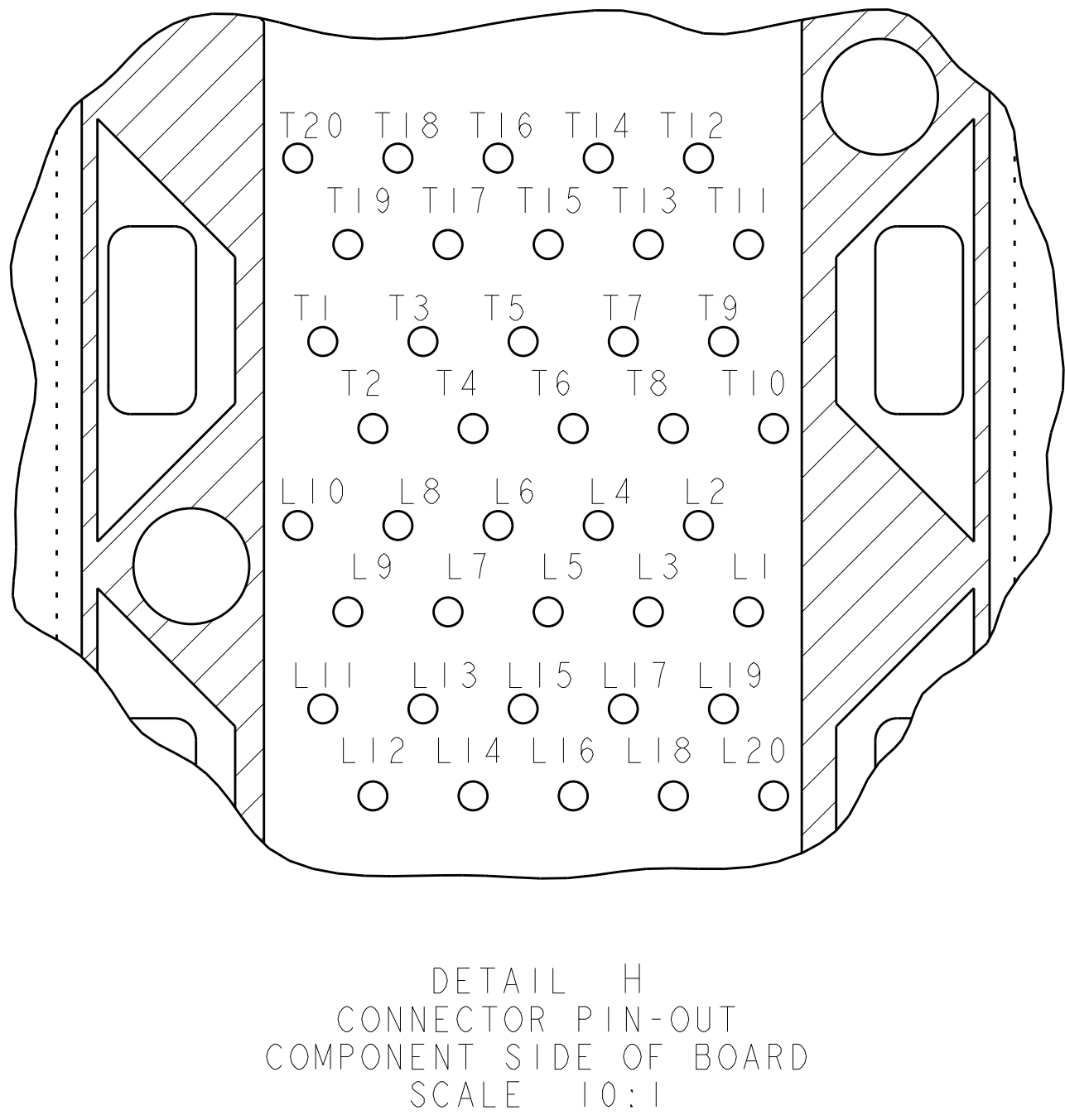
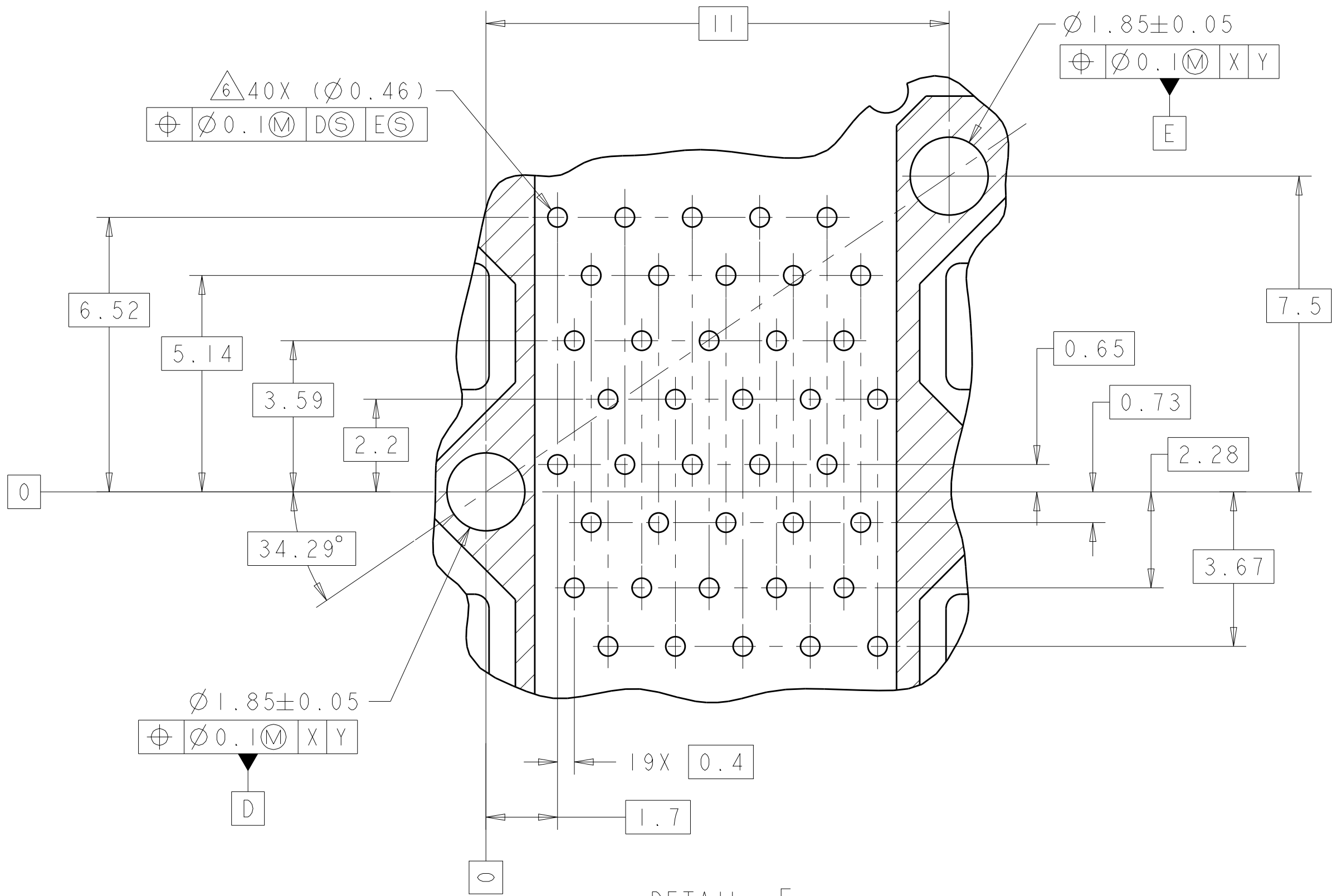
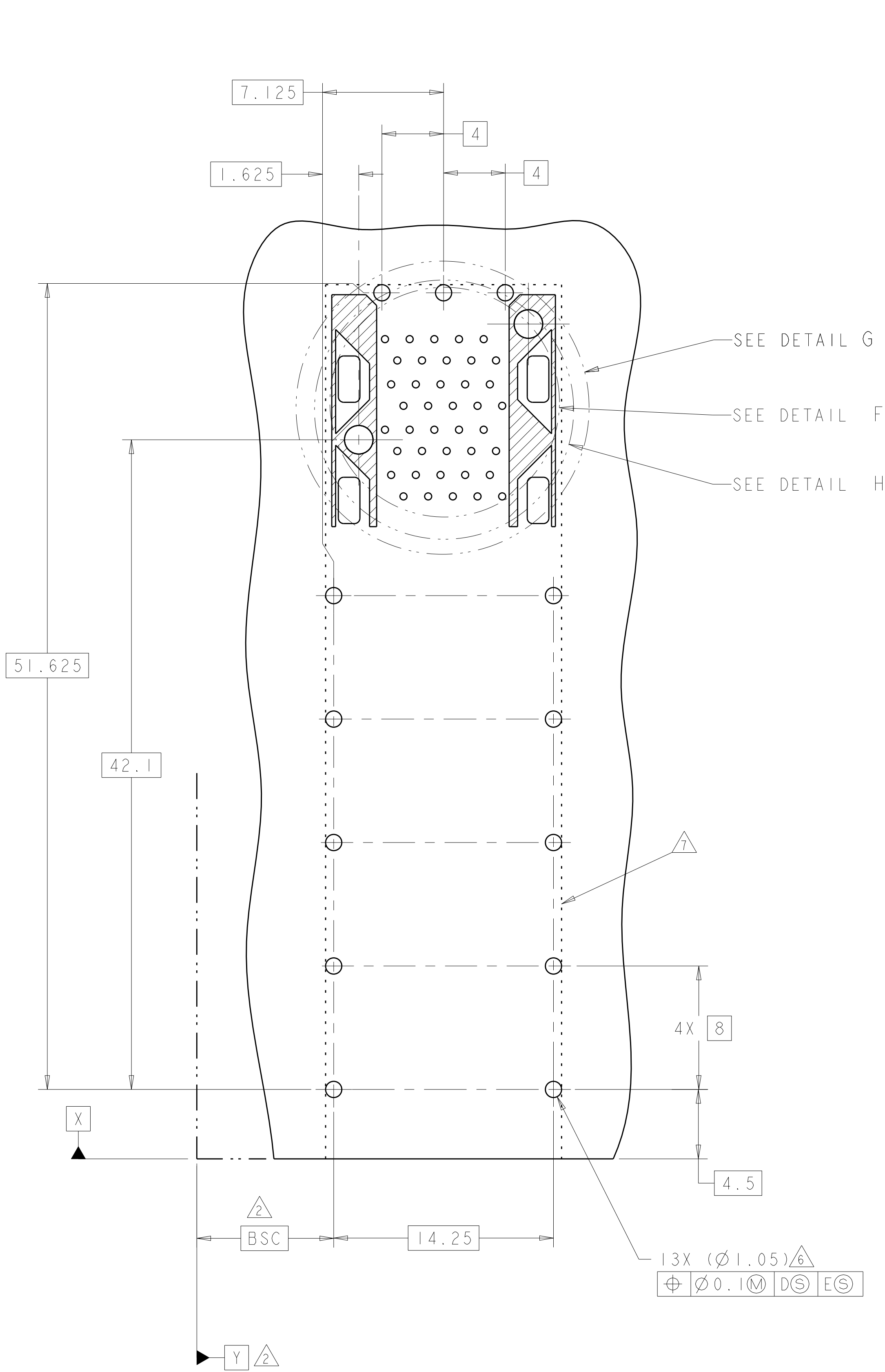
SHEET
2

OF
4

REV
C1

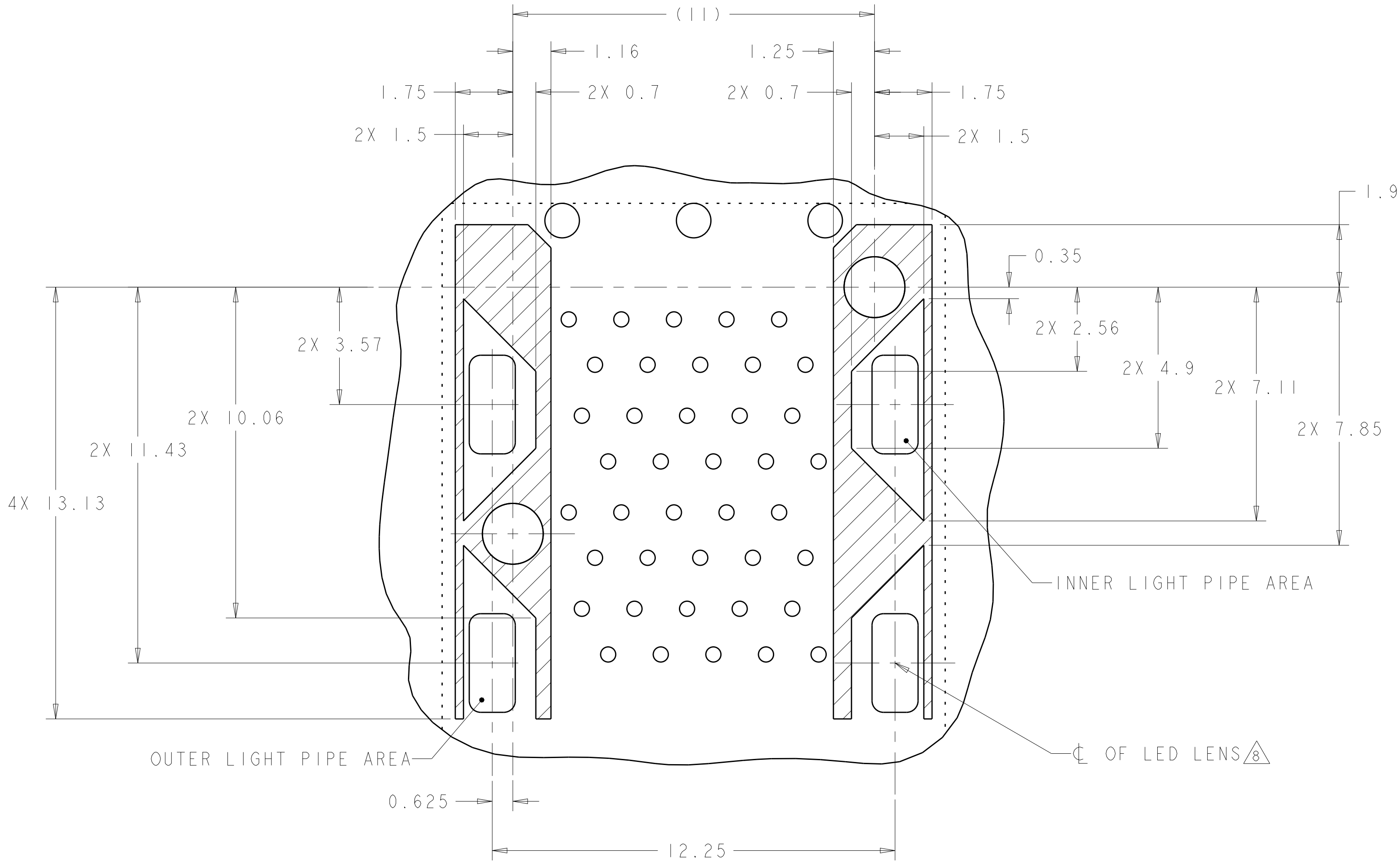
TE Connectivity

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-

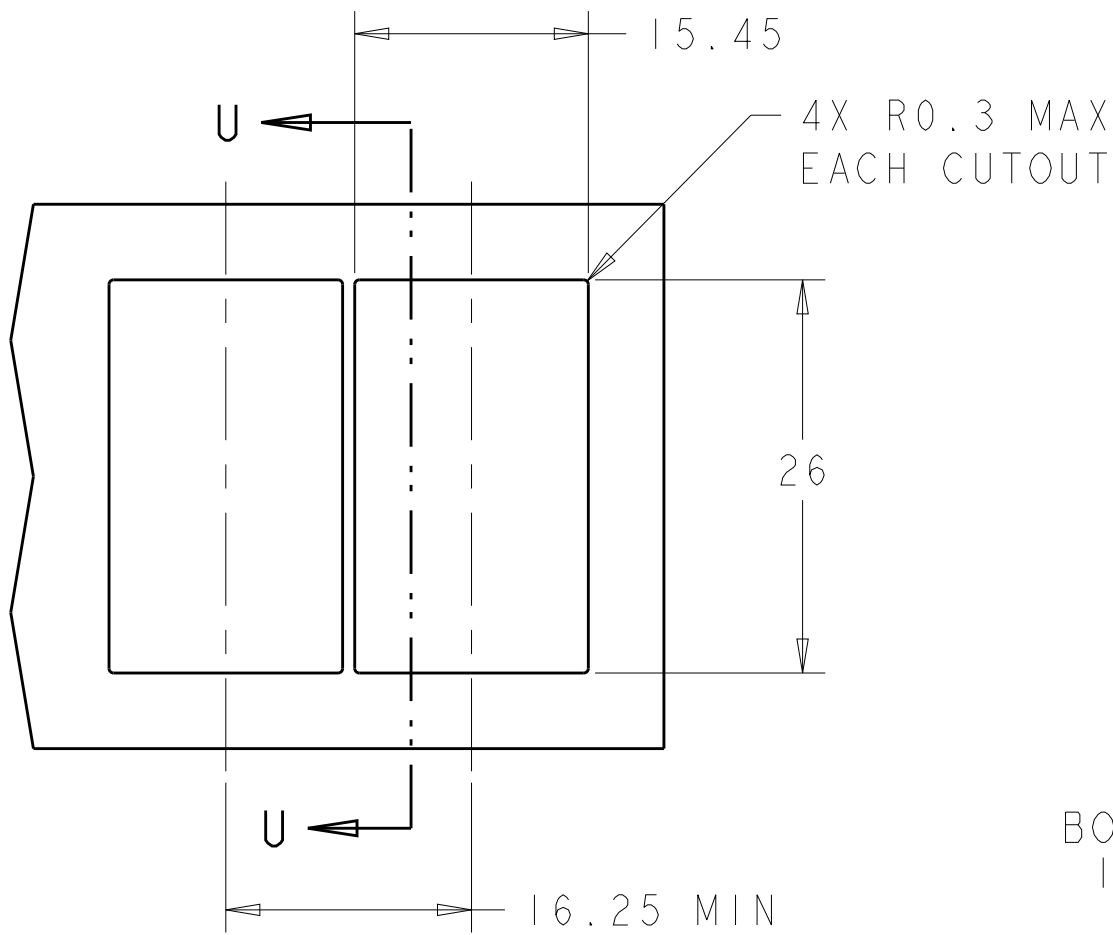


THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M. SHIRK 30NOV2007	 TE Connectivity	
DIMENSIONS: mm		CHK D. SZCZESNY 30NOV2007		

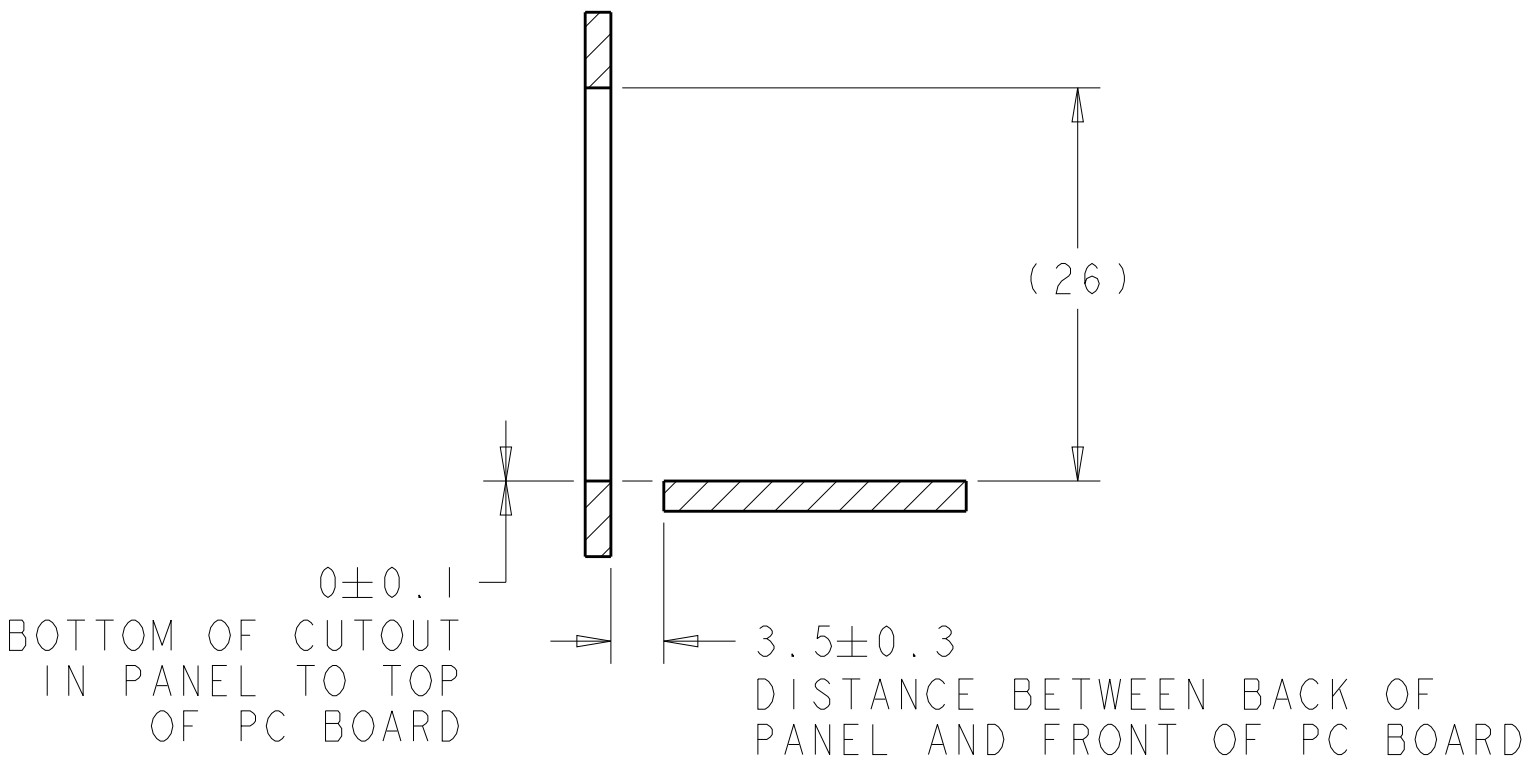
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



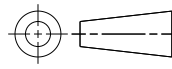
DETAIL G
CONNECTOR HOUSING
KEEPOUT ZONE
SCALE 10:1



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



SECTION U-U

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M. SHIRK 30NOV2007	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK D. SZCZESNY 30NOV2007		
DIMENSIONS:	mm	APVD D. SZCZESNY 30NOV2007	NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+	
	0 PLC	±0.10	PRODUCT SPEC	SIZE A100779C=2007492
	1 PLC	±0.10	APPLICATION SPEC	
MATERIAL	ANGLES	±°	WEIGHT	RESTRICTED TO
FINISH		114-13219	CUSTOMER DRAWING	SCALE 5:1 SHEET 4 OF 4 REV C1

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[1-2007492-7](#)