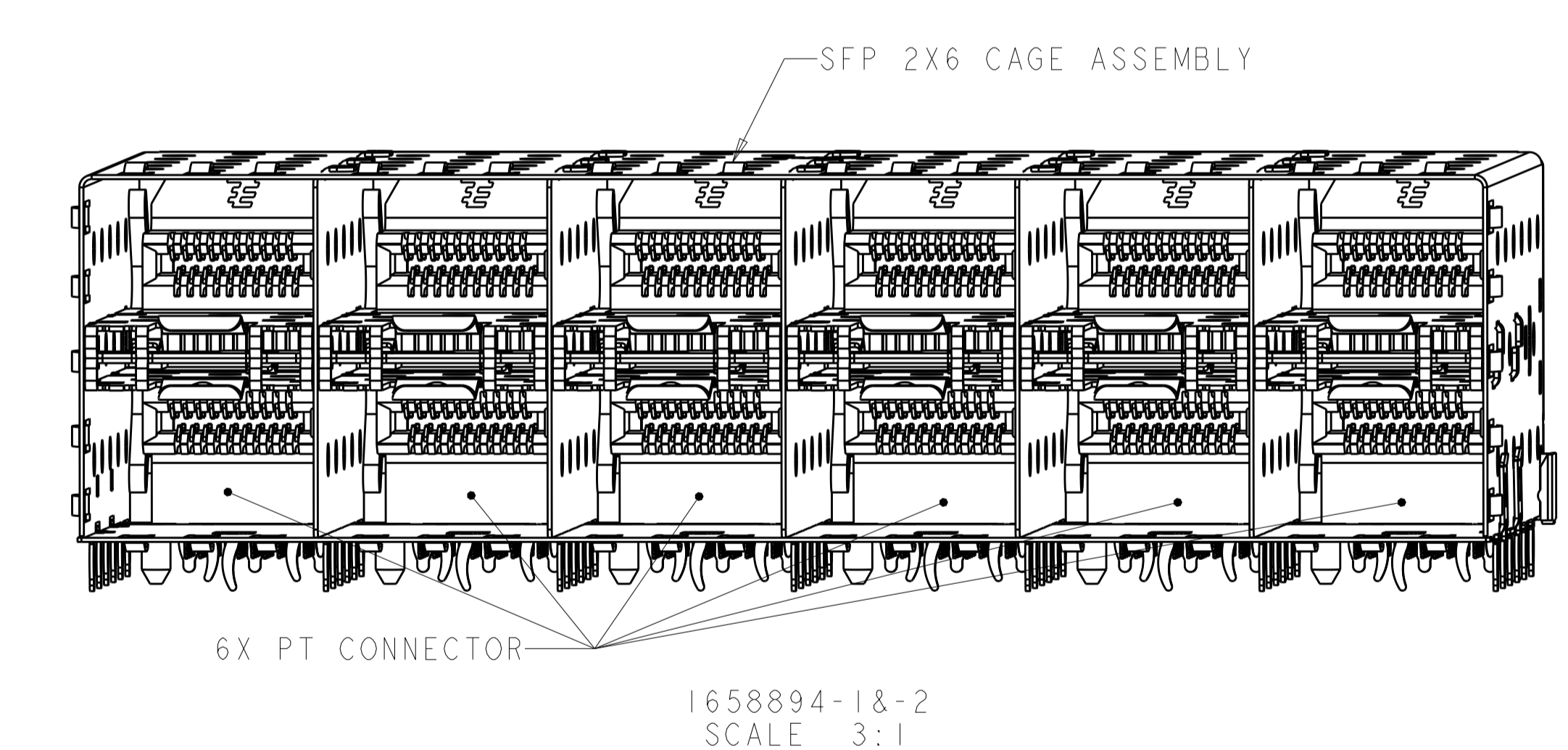
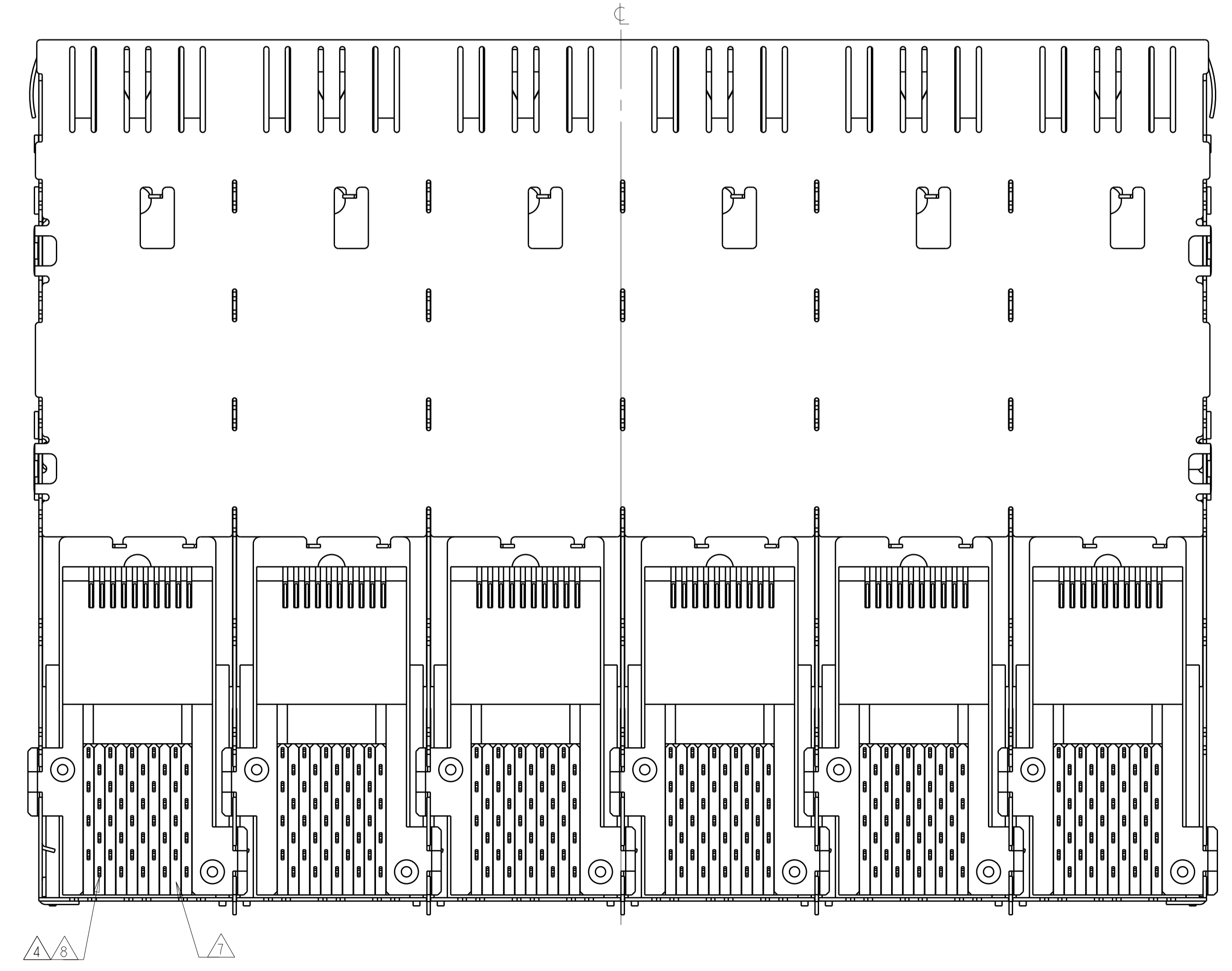
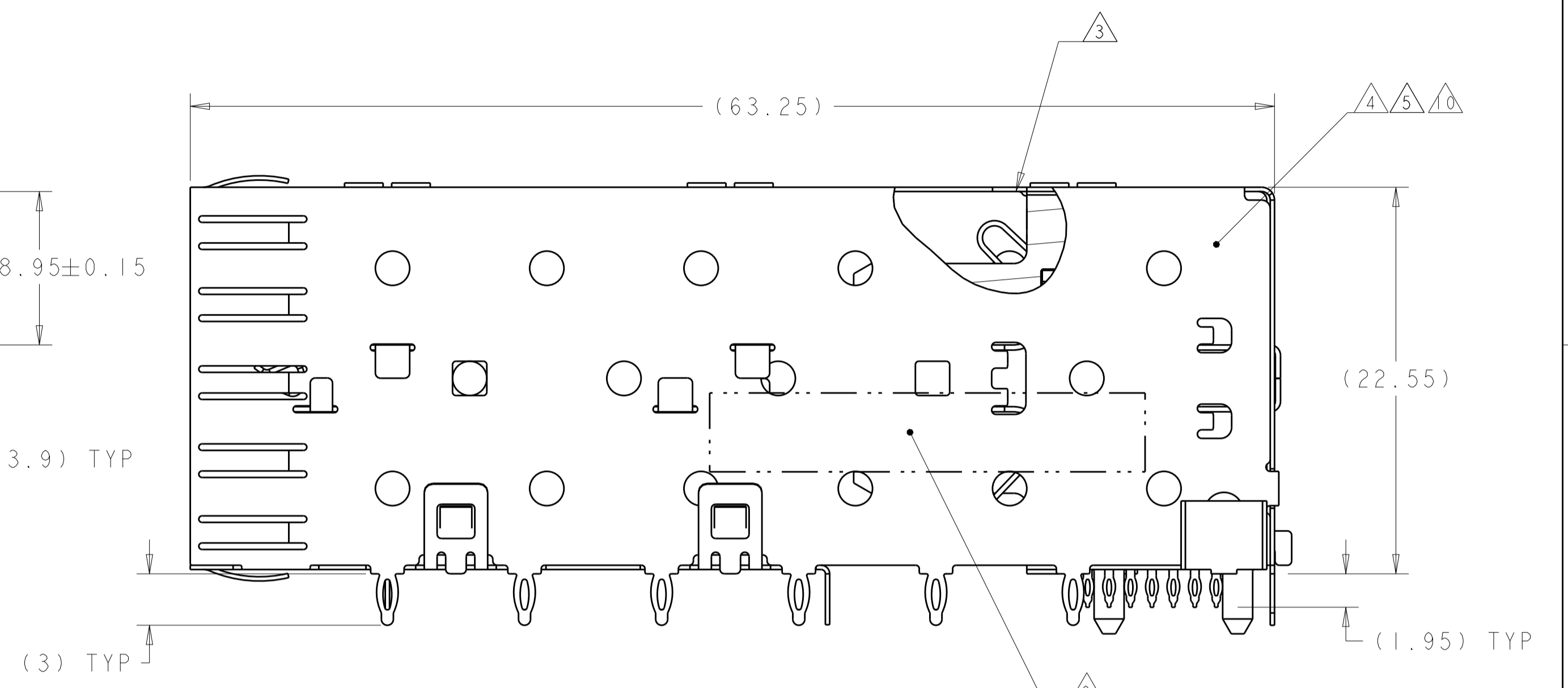
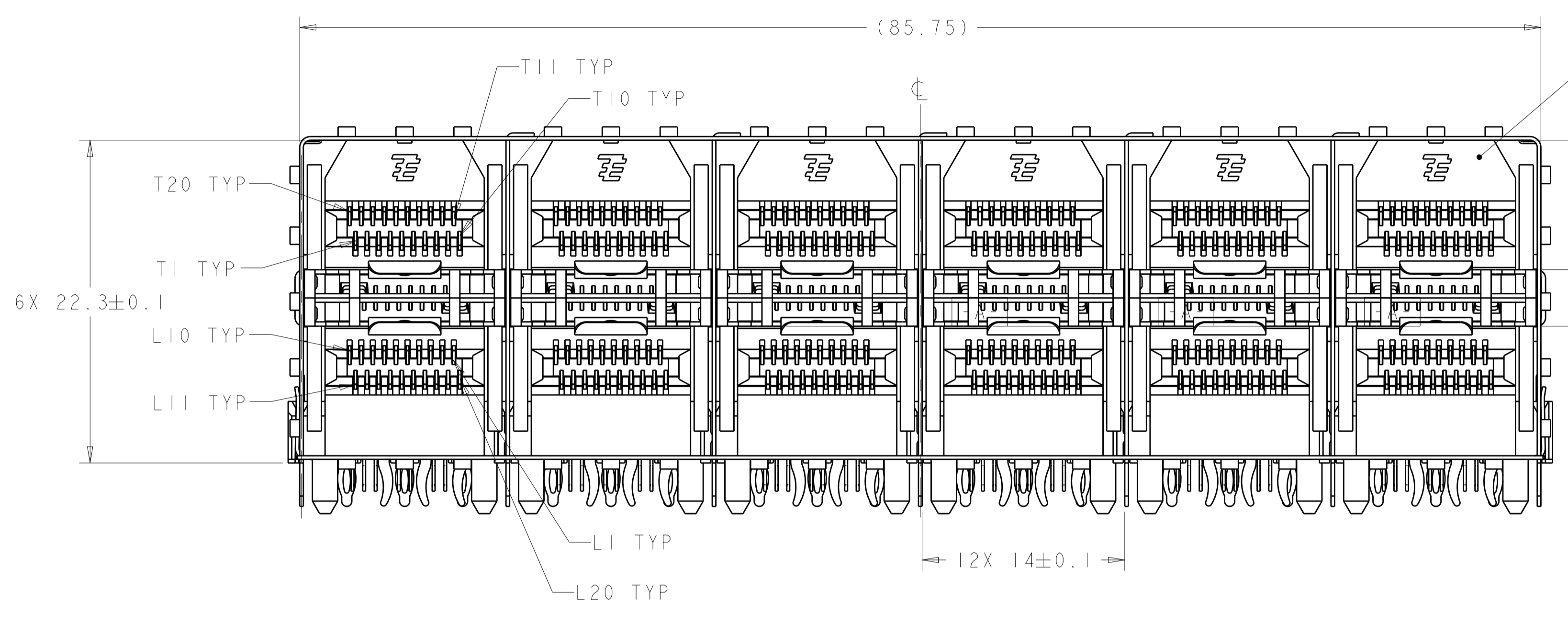


- 1 DATUM AND BASIC DIMENSION TO BE DETERMINED BY CUSTOMER
- 2 INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994
- 3 TOP OF PT CONNECTOR TO BE 0-0.15 FROM INSIDE SURFACE OF CAGE
- 4 COPPER ALLOY
- 5 1.25µm MIN TIN PER ASTM B 545 OVER NICKEL FLASH PER QQ-N-290, NON-PLATED EDGES PERMISSIBLE.
- 6 LCP, HIGH TEMPERATURE, UL 94V-O RATED, BLACK

- 7 POLYESTER, UL 94V-O RATED, BLACK
- 8 CONTACT MATING AREA: SURFACE TREATMENT OVER 0.76 µm MIN GOLD PER ASTM B 488 OVER 1.27µm MIN NICKEL PER QQ-N-290. NEEDLE EYE: 1.25µm MIN TIN PER ASTM B 545 OVER 1.27µm MIN NICKEL PER QQ-N-290. REMAINDER OF CONTACT: 0.76µm MIN NICKEL PER QQ-N-290.
- 9 DATE CODE AND PART NUMBER IN APPROXIMATE AREA SHOWN.
- 10 MATERIAL: NICKEL SILVER ALLOY(NO PLATING)

LOC	DIST	REVISIONS			
		REV	DESCRIPTION	DATE	BY
ES	00	C1	ECR-09-006516	31MAR2009	AL SY
		D	REVISED PER ECO-14-000886	20FEB2014	JW SH
		D1	REVISED PER ECO-14-010419	11JUL2014	JW SH
		E	REVISED PER ECO-15-013594	22SEP2015	JW SH

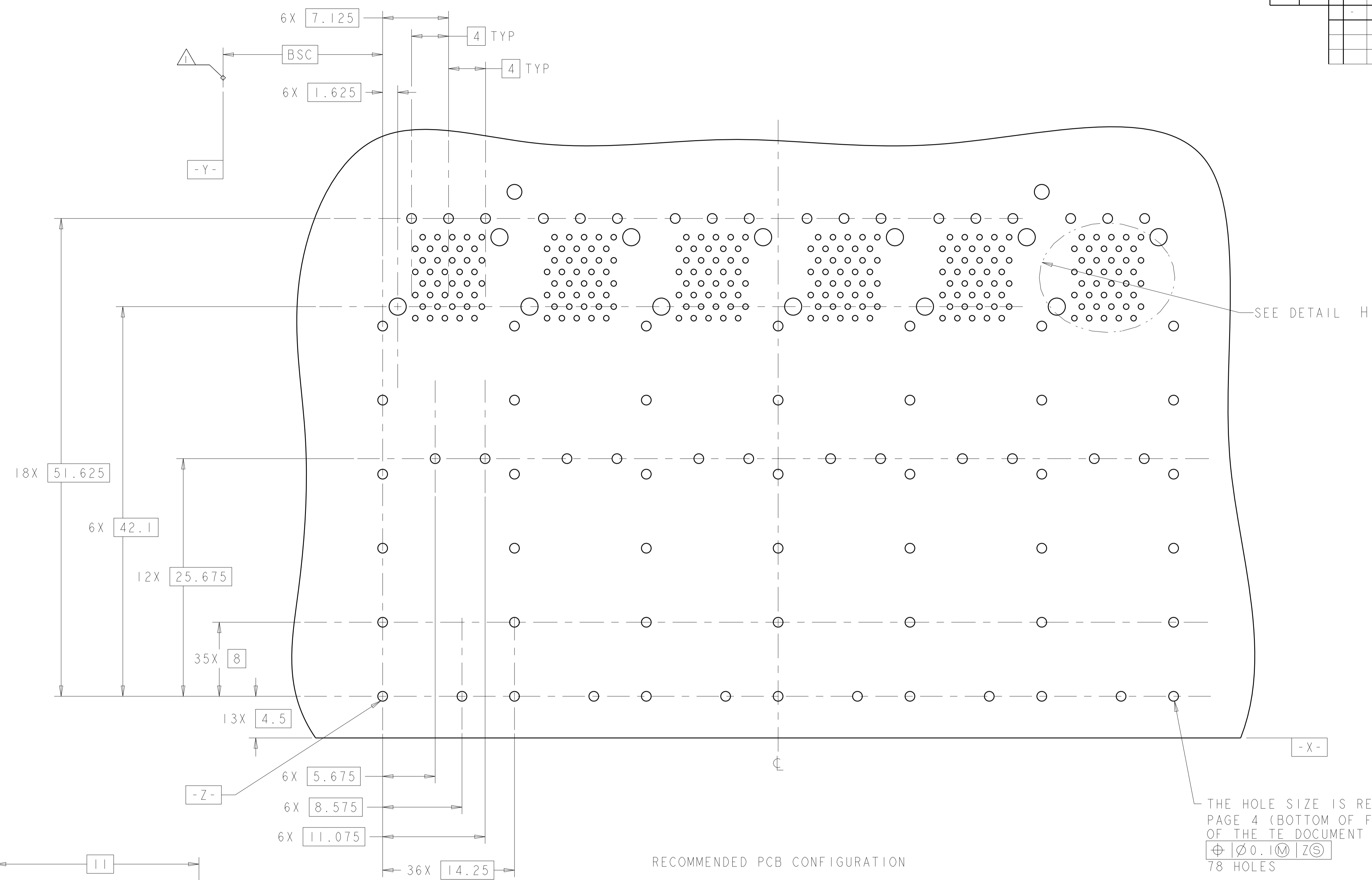


SUPERSEDED BY:
1658894-2

PT CONNECTOR FINISH		PT CONNECTOR MATERIAL		CAGE ASSEMBLY FINISH	CAGE ASSEMBLY MATERIAL	PART NUMBER
8	8	4, 7	4, 7	NO	10	1658894-2
8	8	4, 7	4, 7	9	4	1658894-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: M.E. CONNER 18-FEB-09	TE Connectivity	
DIMENSIONS: mm		CHK: R.R. HENRY 18-FEB-09	NAME: 2X6 CONNECTOR ASSEMBLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R.R. HENRY 18-FEB-09	LOW PROFILE, PRESS FIT, STACKED SFP	
0 PLC ±	1 PLC ±0.1	PRODUCT SPEC: 108-2161	SIZE: A1	RESTRICTED TO: -
2 PLC ±	3 PLC ±	APPLICATION SPEC: 114-13103	CAGE CODE: C=1658894	SHEET 1 OF 3
4 PLC ±	ANGLES ±	WEIGHT: -	SCALE: 4:1	REV E
MATERIAL: -	FINISH: -	CUSTOMER DRAWING		

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

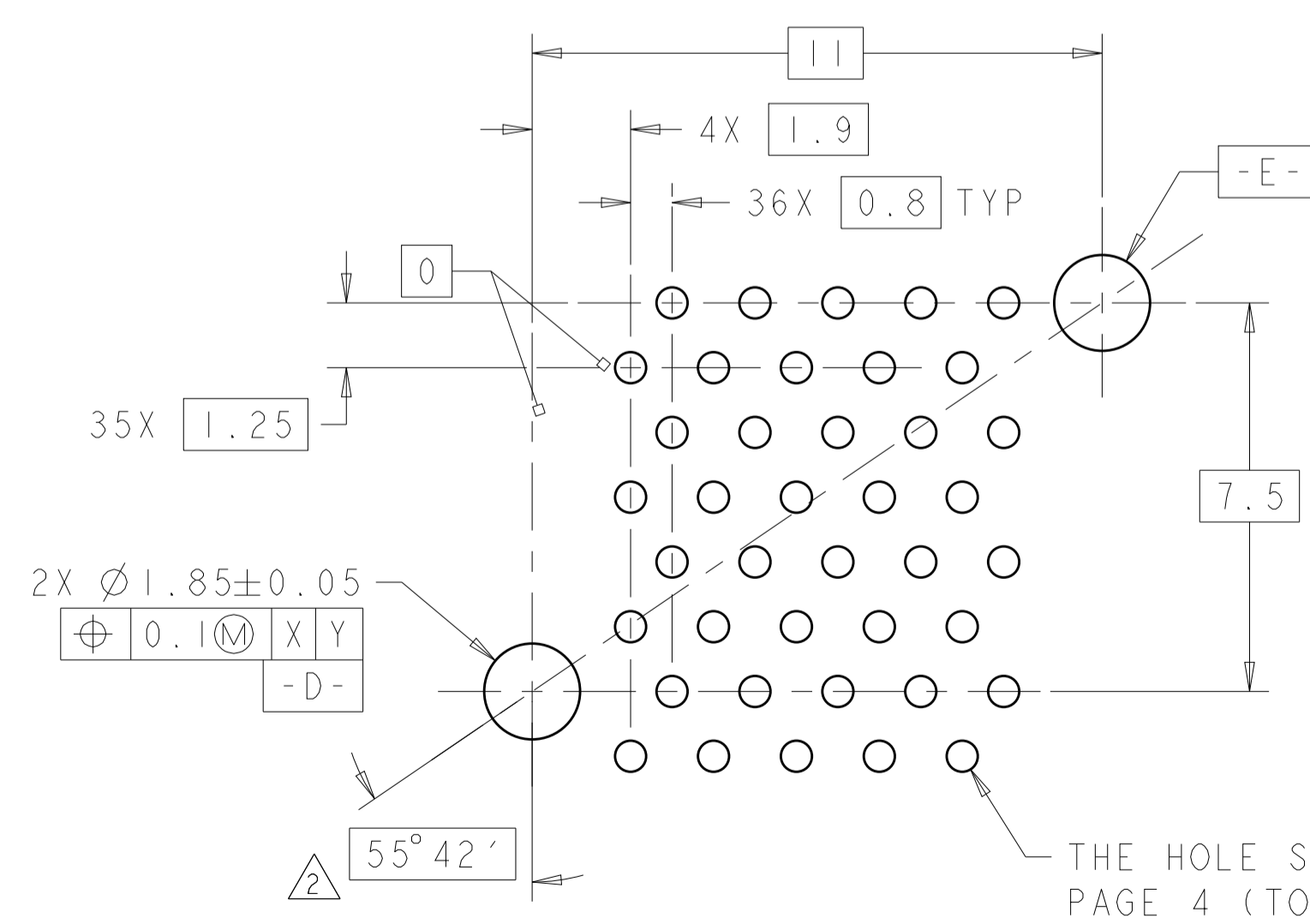


THE HOLE SIZE IS RECOMMENDED ON THE PAGE 4 (BOTTOM OF FIGURE2 FOR CAGE ASSEMBLY) OF THE TE DOCUMENT 114-13103
 $\varnothing 0.10M | Z(S)$
 78 HOLES

RECOMMENDED PCB CONFIGURATION

- T19 T17 T15 T13 T11
- T20 T18 T16 T14 T12
- T2 T4 T6 T8 T10
- T1 T3 T5 T7 T9
- L9 L7 L5 L3 L1
- L10 L8 L6 L4 L2
- L12 L14 L16 L18 L20
- L11 L13 L15 L17 L19

PT CONNECTOR PIN CALL-OUTS
 SCALE 10:1

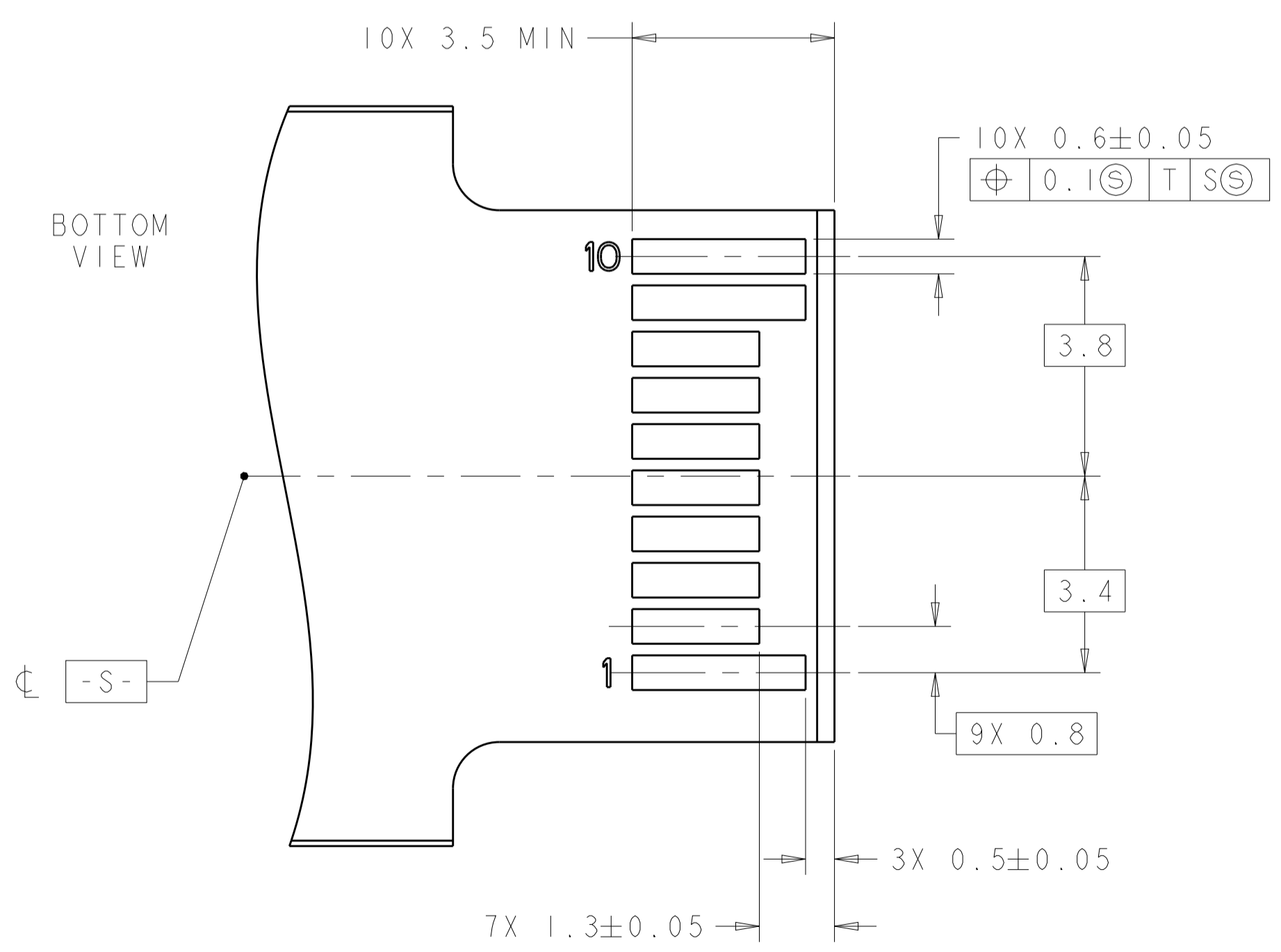
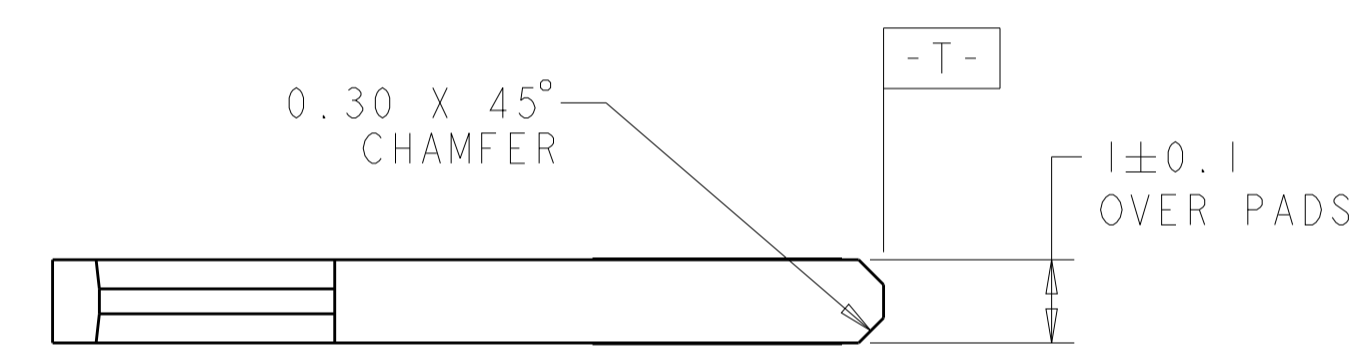
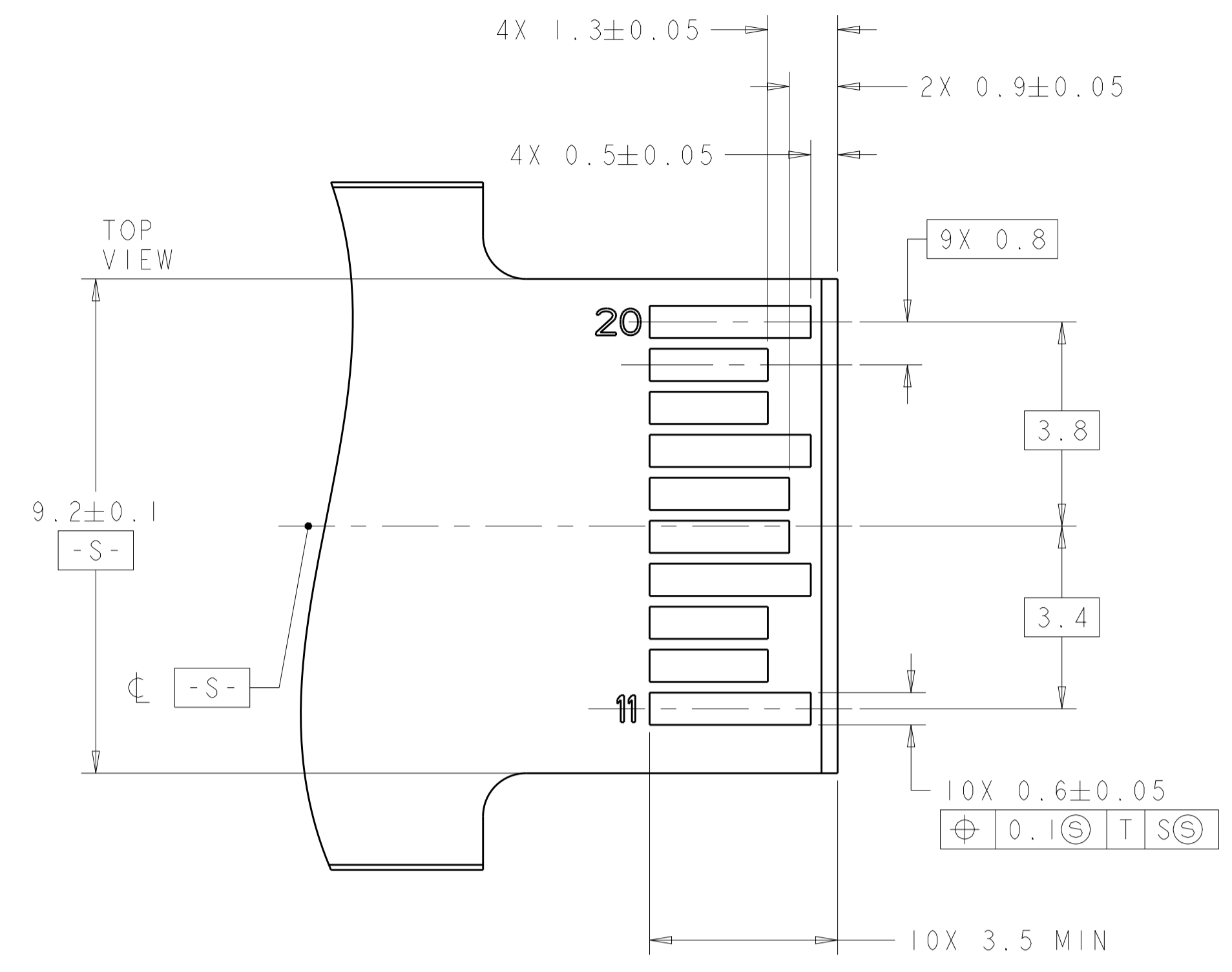


THE HOLE SIZE IS RECOMMENDED ON THE PAGE 4 (TOP OF FIGURE2 FOR CONNECTOR) OF THE TE DOCUMENT 114-13103
 $\varnothing 0.08M | D(S) | E(S)$
 40 HOLES

DETAIL H
 RECOMMENDED PT CONNECTOR CONFIGURATION
 6X INDIVIDUALLY
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: M.E. CONWHER 18-FEB-09	TE Connectivity
		CHK: R.R. HENRY 18-FEB-09	
DIMENSIONS:		APVD: R.R. HENRY 18-FEB-09	NAME: 2X6 CONNECTOR ASSEMBLY
mm		PRODUCT SPEC: 108-2161	LOW PROFILE, PRESS FIT, STACKED SFP
		APPLICATION SPEC: 114-13103	SIZE: A1
MATERIAL:		WEIGHT:	CAGE CODE: C=1658894
FINISH:		CUSTOMER DRAWING	SCALE: 4:1 SHEET 2 OF 3 REV E

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED LAYOUT FOR
MATING TRANSCEIVER PCB
SCALE 1:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: M.E. CONNER 18-FEB-09	TE Connectivity	
		CHK: R.R. HENRY 18-FEB-09		
DIMENSIONS:		APVD: R.R. HENRY 18-FEB-09	NAME: 2X6 CONNECTOR ASSEMBLY	
mm	0 PLC ±	PRODUCT SPEC: 108-2161	LOW PROFILE, PRESS FIT, STACKED SFP	
	1 PLC ±0.1	APPLICATION SPEC: 114-13103	SIZE: A1	CAGE CODE: 1658894
	2 PLC ±	WEIGHT: -	SCALE: 4:1	SHEET 3 OF 3
	3 PLC ±	CUSTOMER DRAWING	REV: E	
	4 PLC ±			
	ANGLES ±			
MATERIAL: -	FINISH: -			