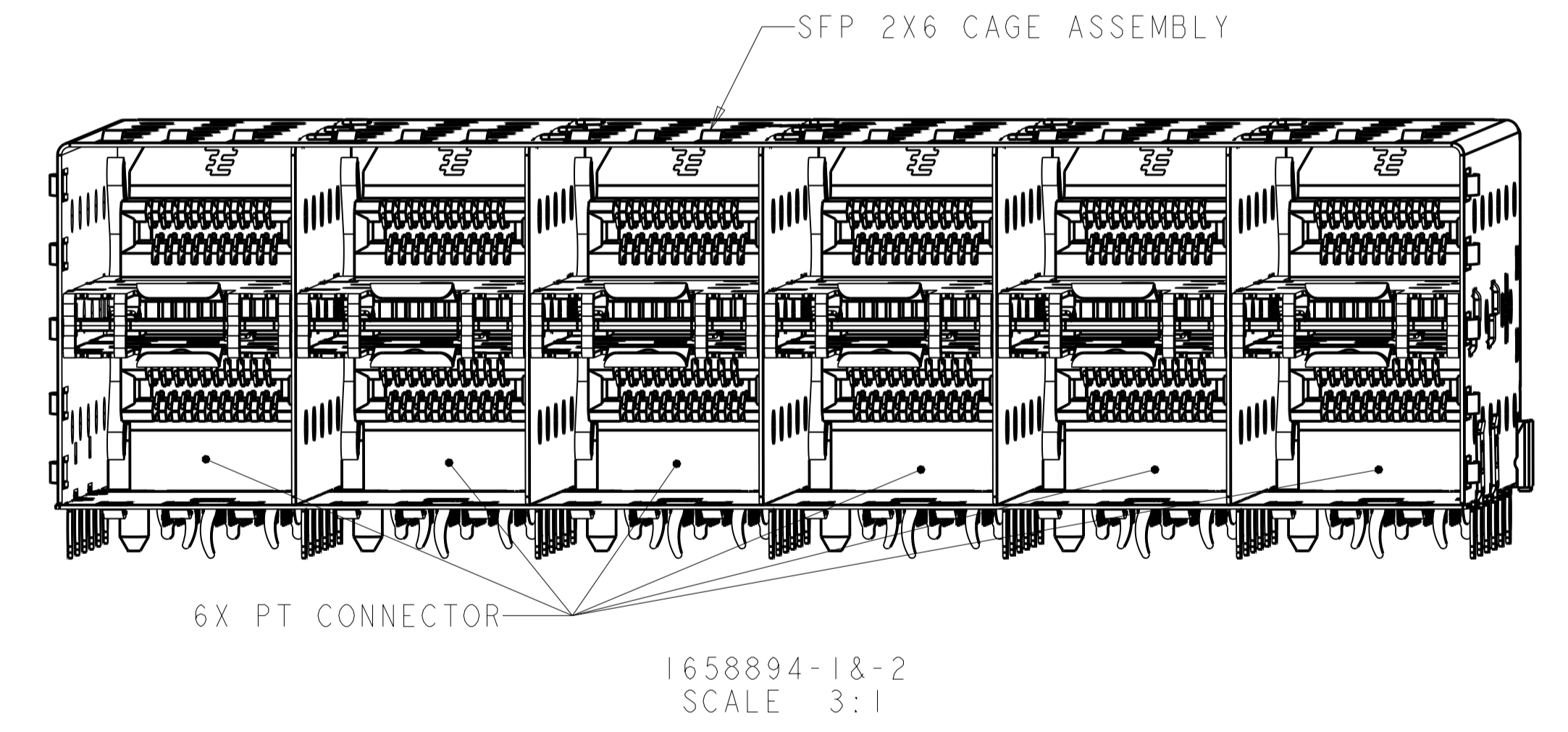
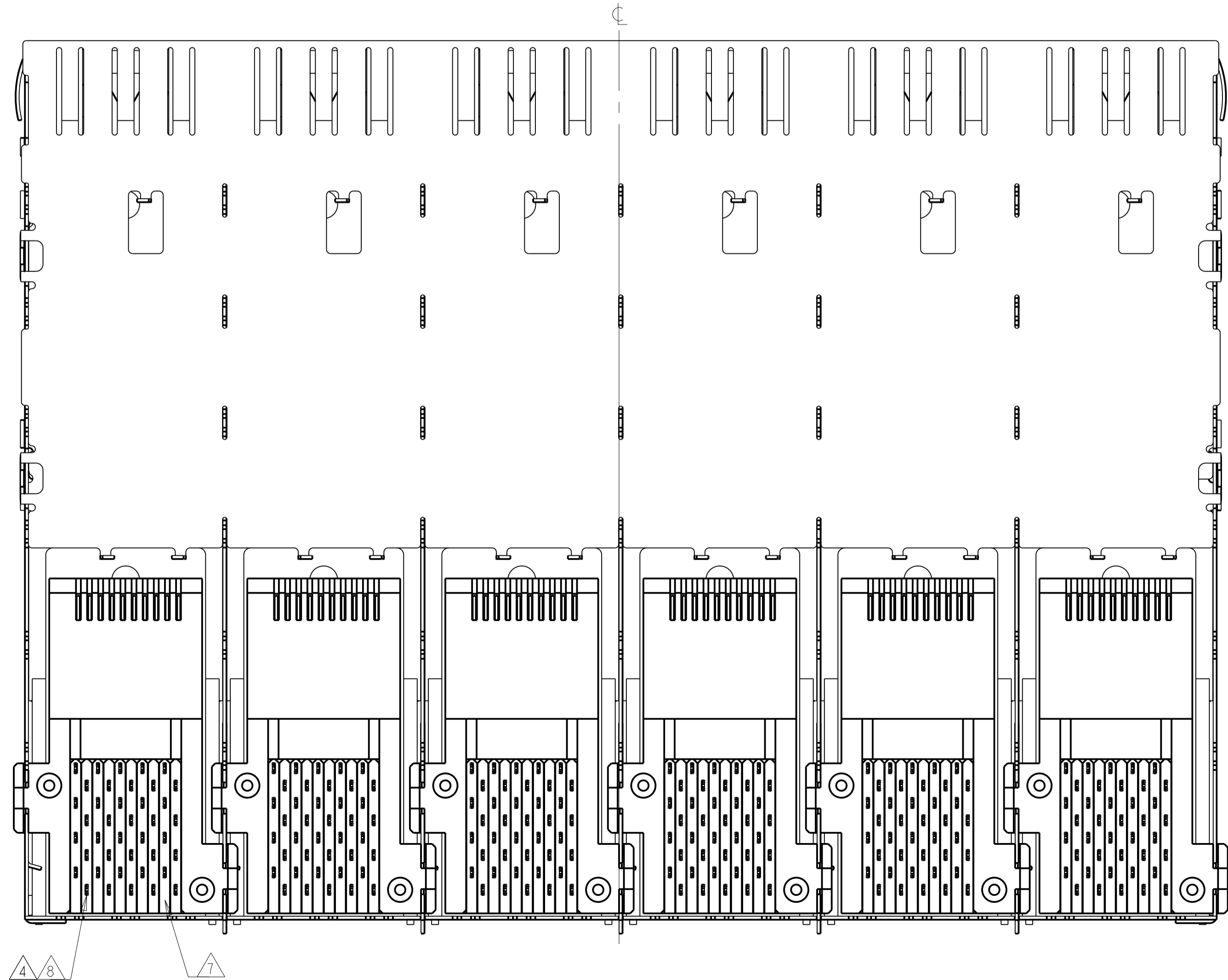
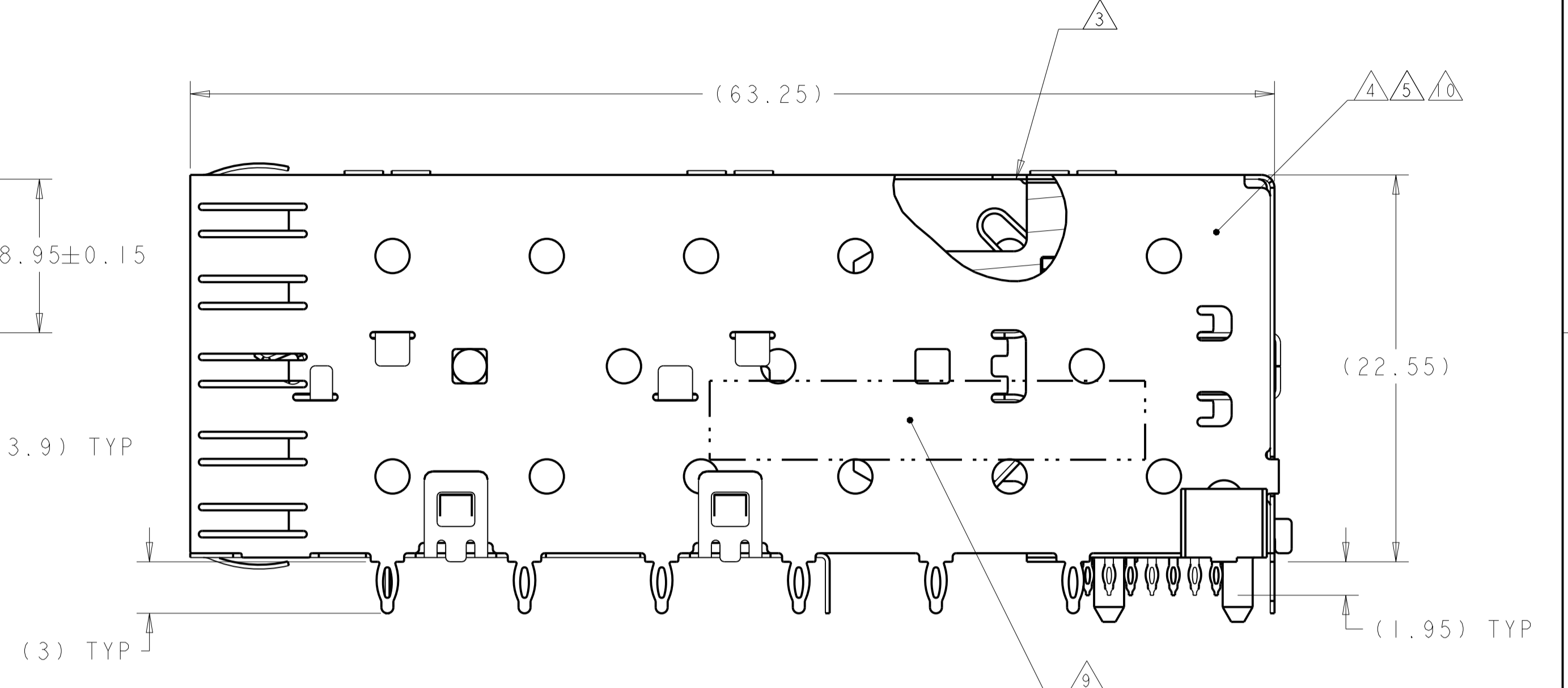
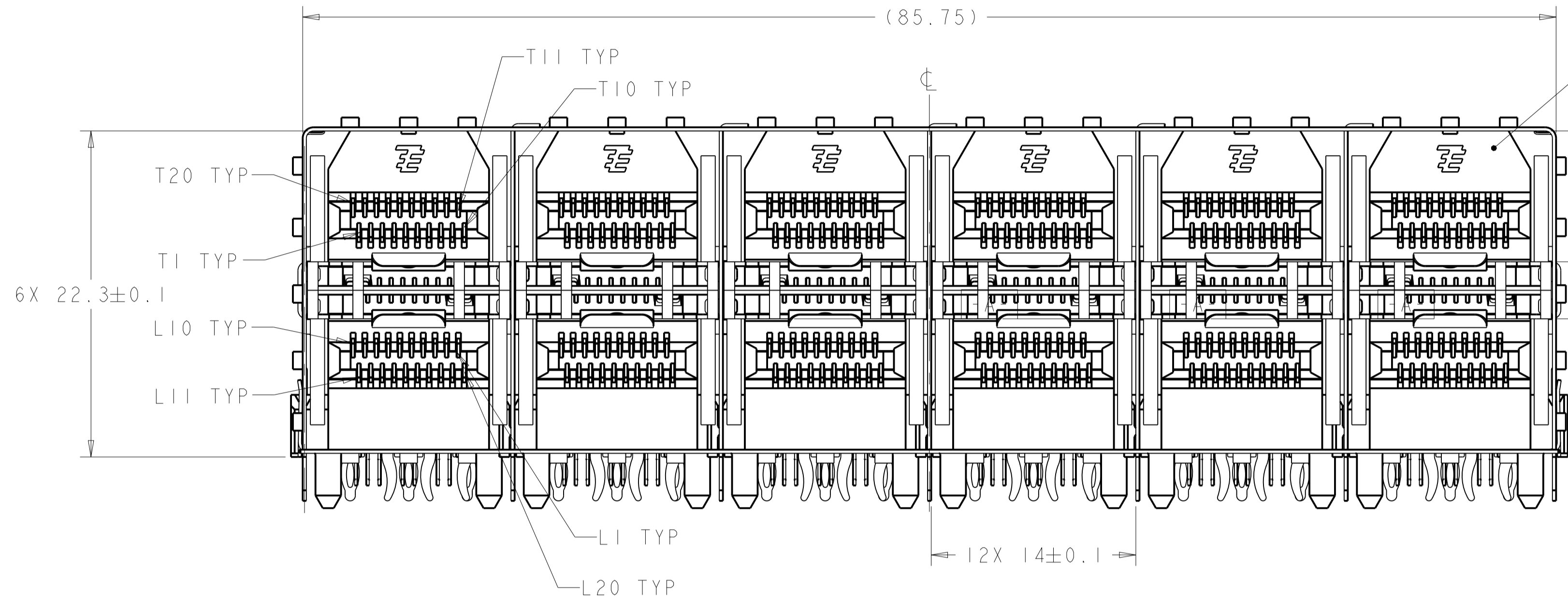


- 1 DATUM AND BASIC DIMENSION TO BE DETERMINED BY CUSTOMER
- 2 INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994
- 3 TOP OF PT CONNECTOR TO BE 0-0.15 FROM INSIDE SURFACE OF CAGE
- 4 COPPER ALLOY
- 5 1.25µm MIN TIN PER ASTM B 545 OVER NICKEL FLASH PER QQ-N-290, 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)

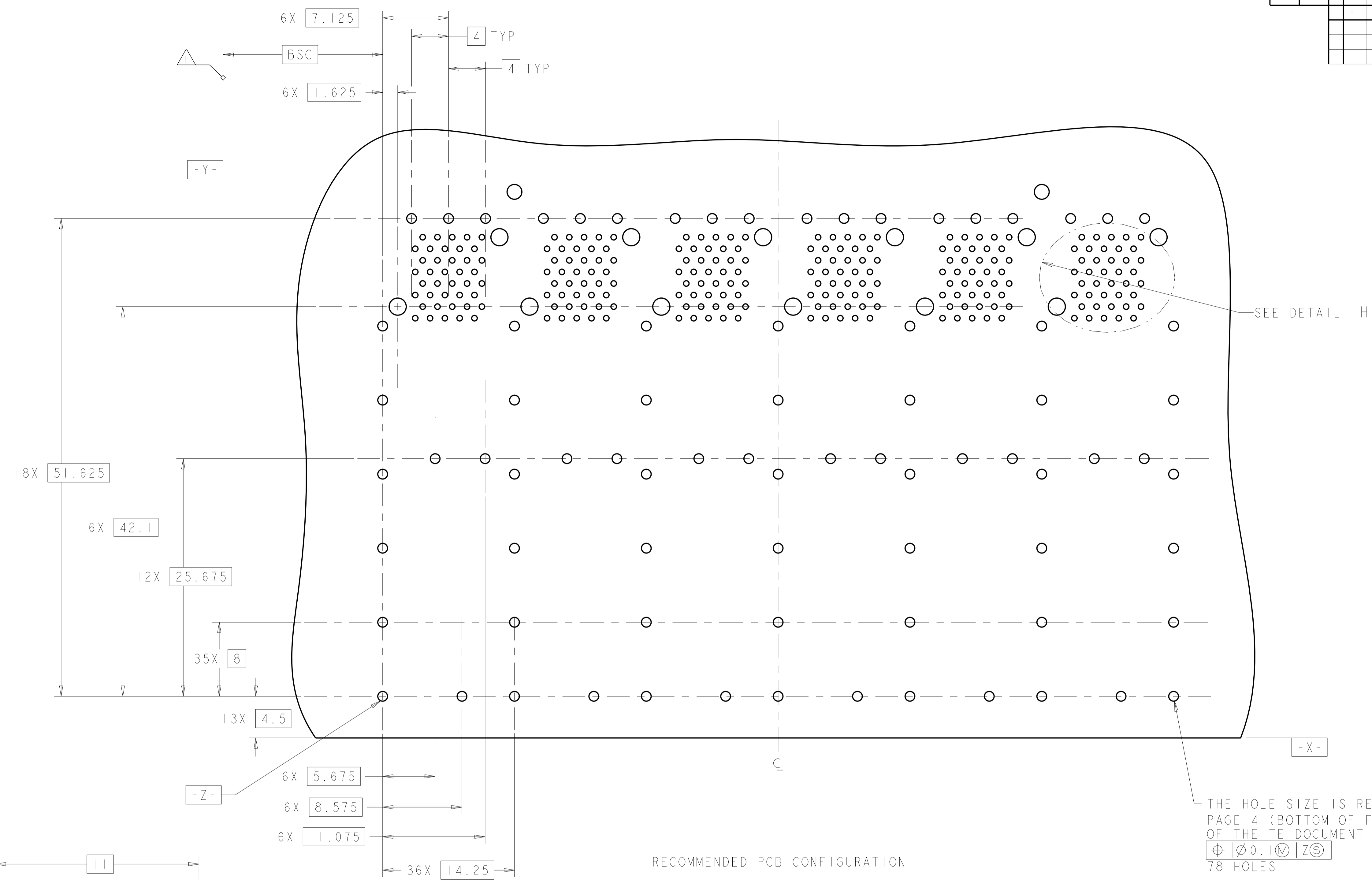
REV	DATE	BY	CHK	APPV	DESCRIPTION
C	11NOV2008	AL	SY		ECR-08-028454
C1	31MAR2009	AL	SY		ECR-09-006516
D	20FEB2014	JW	SH		REVISED PER ECO-14-000886
D1	11JUL2014	JW	SH		REVISED PER ECO-14-010419



8	4, 7	NO	10	1658894-2
8	4, 7	5	4	1658894-1
PT CONNECTOR FINISH	PT CONNECTOR MATERIAL	CAGE ASSEMBLY FINISH	CAGE ASSEMBLY MATERIAL	PART NUMBER

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:		APV: 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	SCALE: 4:1	SHEET 1 OF 3
4 PLC ±	ANGLES ±	WEIGHT: -	C=1658894	REV: D1
MATERIAL: -	FINISH: -	CUSTOMER DRAWING		

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPV
		1	SEE SHEET 1		

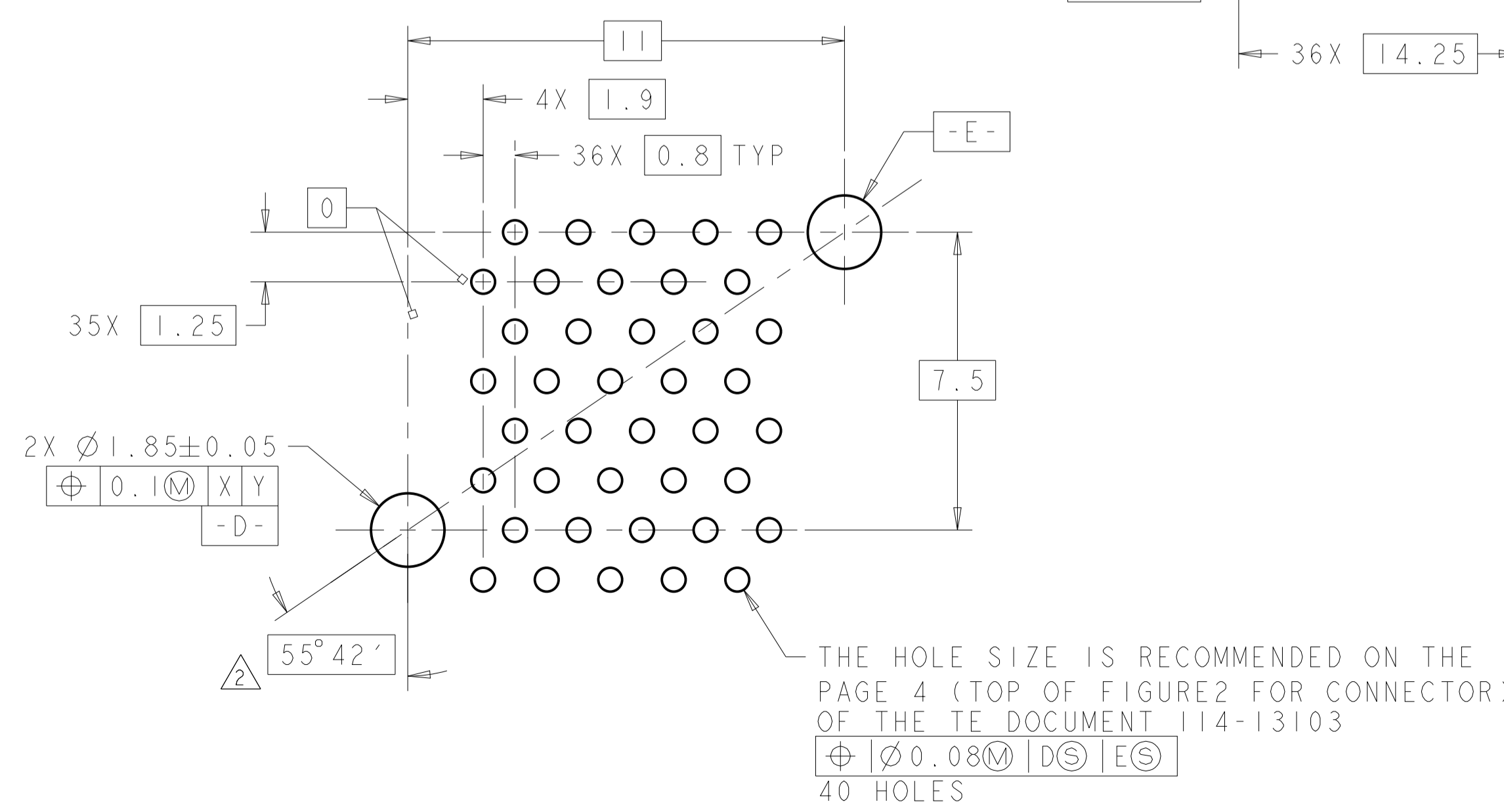


THE HOLE SIZE IS RECOMMENDED ON THE PAGE 4 (BOTTOM OF FIGURE2 FOR CAGE ASSEMBLY) OF THE TE DOCUMENT 114-13103
 $\varnothing 0.10M | Z(S)$
 78 HOLES

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

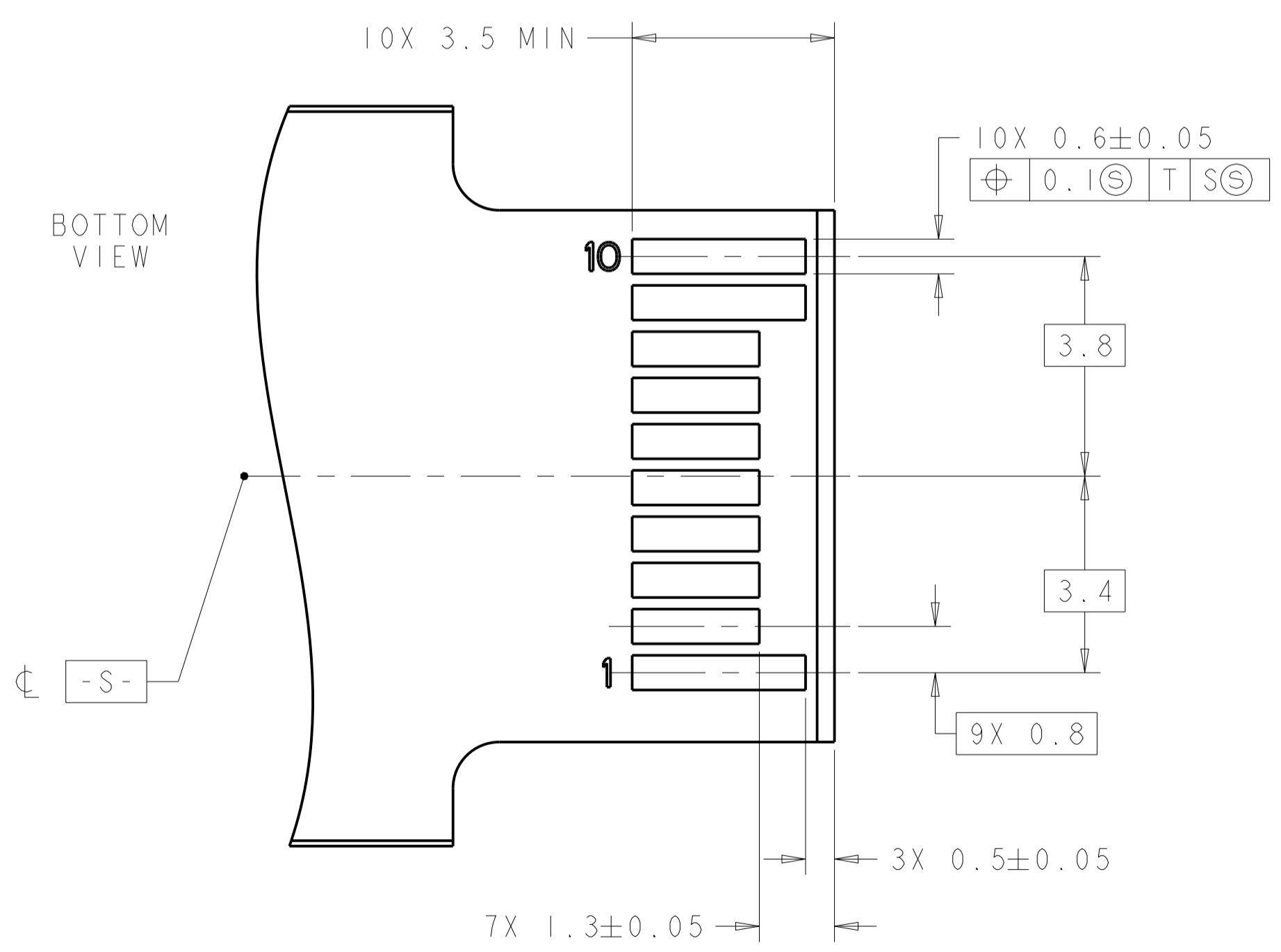
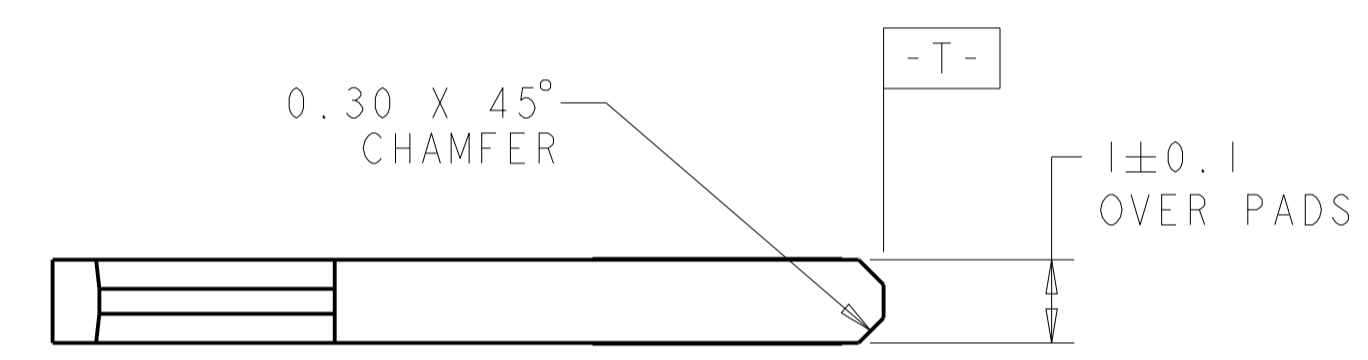
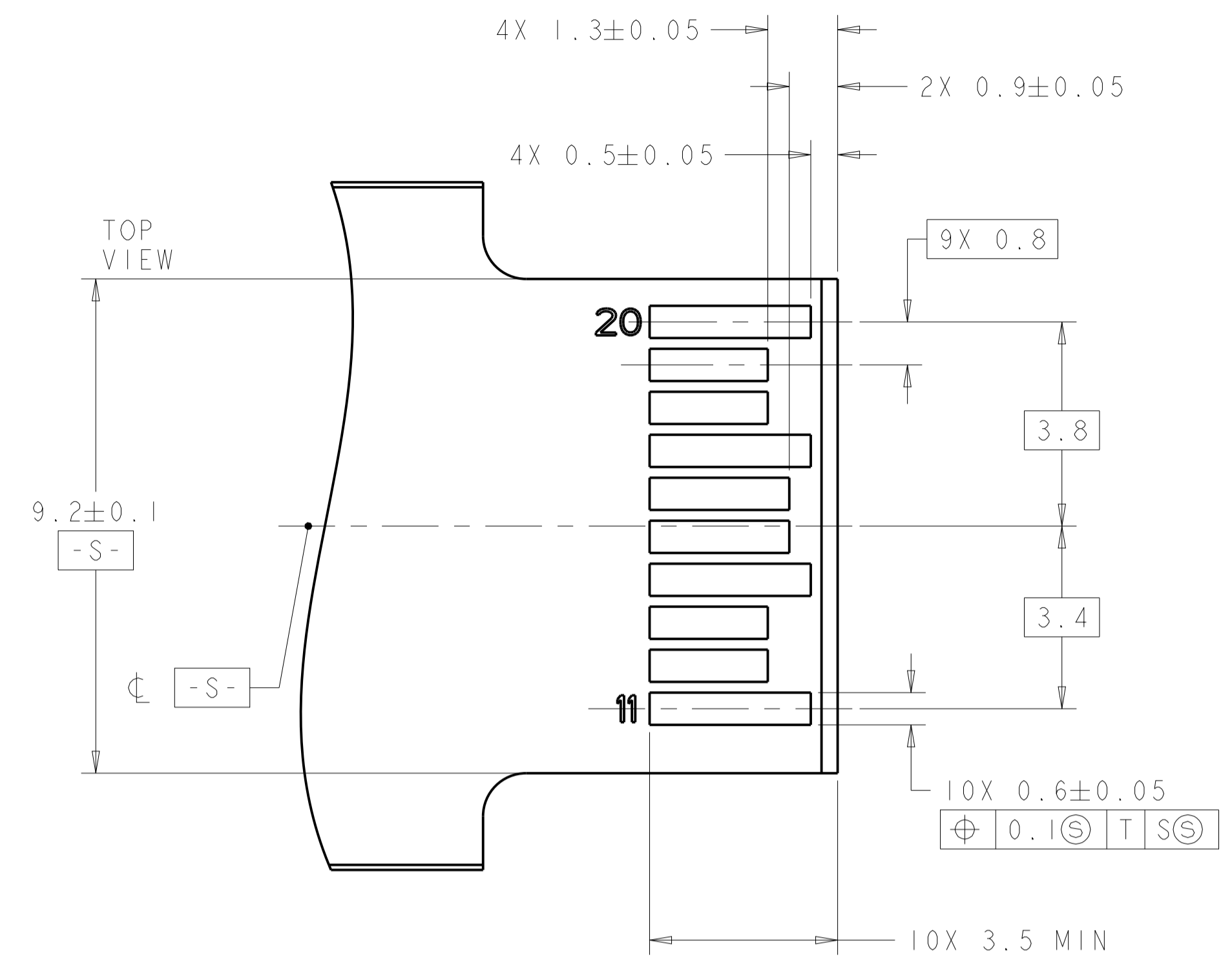
PT CONNECTOR PIN CALL-OUTS
SCALE 10:1



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: M.E. CONNER 18-FEB-09	TE Connectivity										
DIMENSIONS: mm		CHK: R.R. HENRY 18-FEB-09											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R.R. HENRY 18-FEB-09	NAME: 2X6 CONNECTOR ASSEMBLY										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.1</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> <tr><td>ANGLES</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.1	3 PLC	±	4 PLC	±	ANGLES	±	PRODUCT SPEC: 108-2161	RESTRICTED TO: -
0 PLC	±												
1 PLC	±0.1												
3 PLC	±												
4 PLC	±												
ANGLES	±												
MATERIAL: -		APPLICATION SPEC: 114-13103	SIZE: A1										
FINISH: -		WEIGHT: -	CAGE CODE: 1658894										
CUSTOMER DRAWING		SCALE: 4:1	SHEET 2 OF 3										

LOC	DIST	REVISIONS			
		REV	DATE	BY	APPV
ES	00	-	SEE SHEET 1	-	-



RECOMMENDED LAYOUT FOR
MATING TRANSCEIVER PCB
SCALE 11:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: M.E. CONNER 18-FEB-09	TE Connectivity	
DIMENSIONS: mm		CHK: R.R. HENRY 18-FEB-09		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R.R. HENRY 18-FEB-09	NAME: 2X6 CONNECTOR ASSEMBLY	
0 PLC ±		PRODUCT SPEC: 108-2161	LOW PROFILE, PRESS FIT, STACKED SFP	
1 PLC ±0.1		APPLICATION SPEC: 114-13103	SIZE: A1	
2 PLC ±		WEIGHT: -	CAGE CODE: 1658894	
3 PLC ±		CUSTOMER DRAWING	SCALE: 11:1	
4 PLC ±			SHEET 3 OF 3	
ANGLES ±			REV: D1	
FINISH				