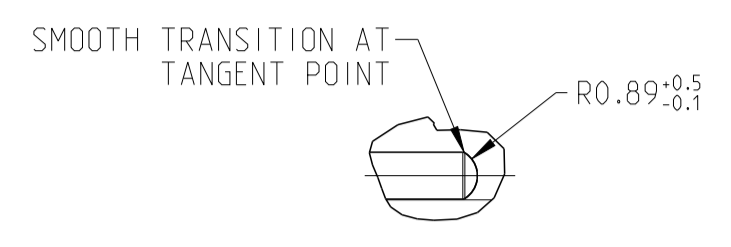
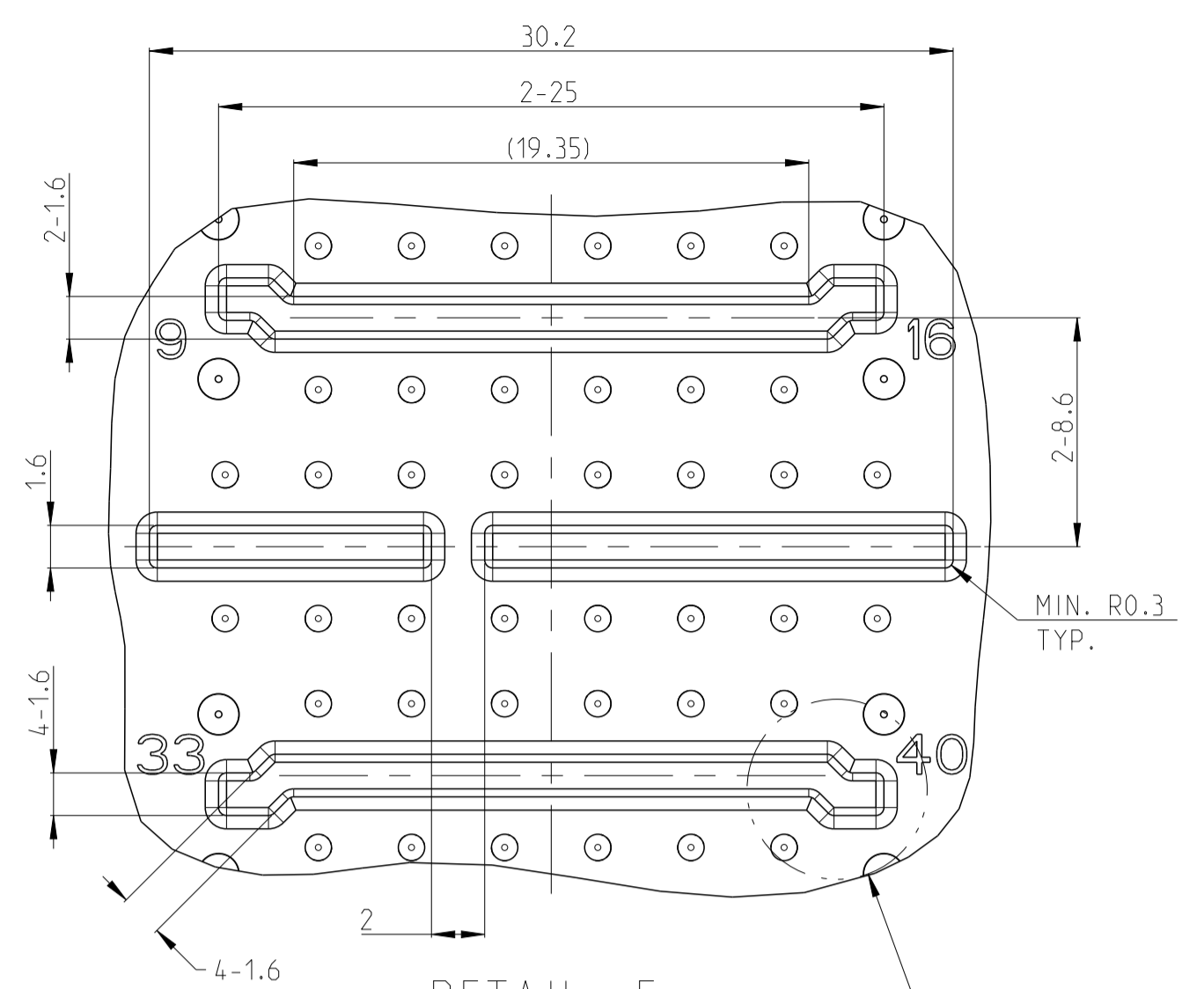
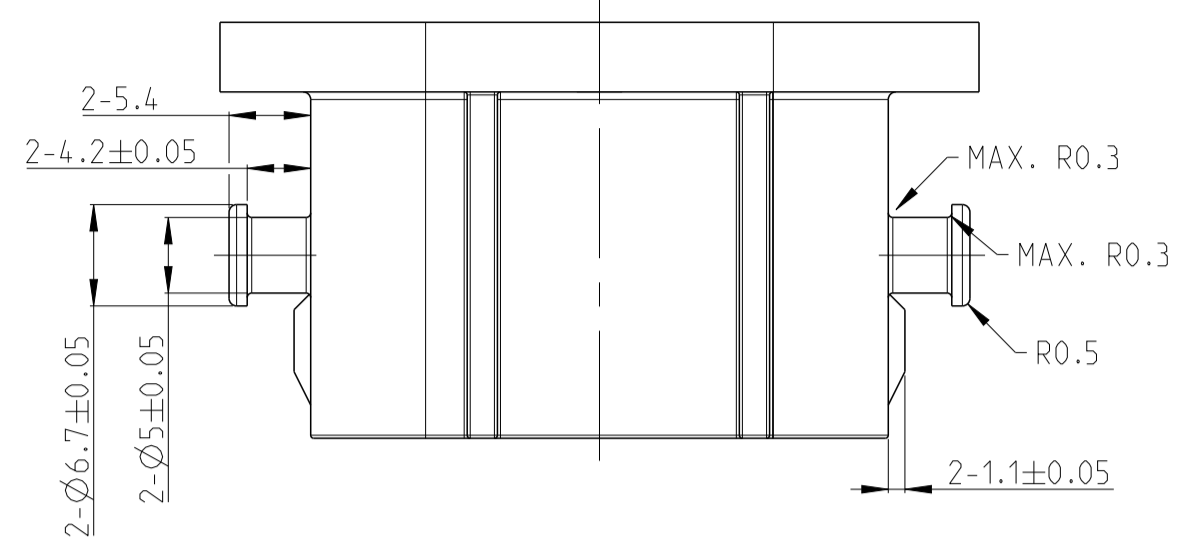


REVISIONS				
P	LTN	DESCRIPTION	DATE	OWN APVD
A		INITIAL RELEASE	11APR2022	L.G Z.Z

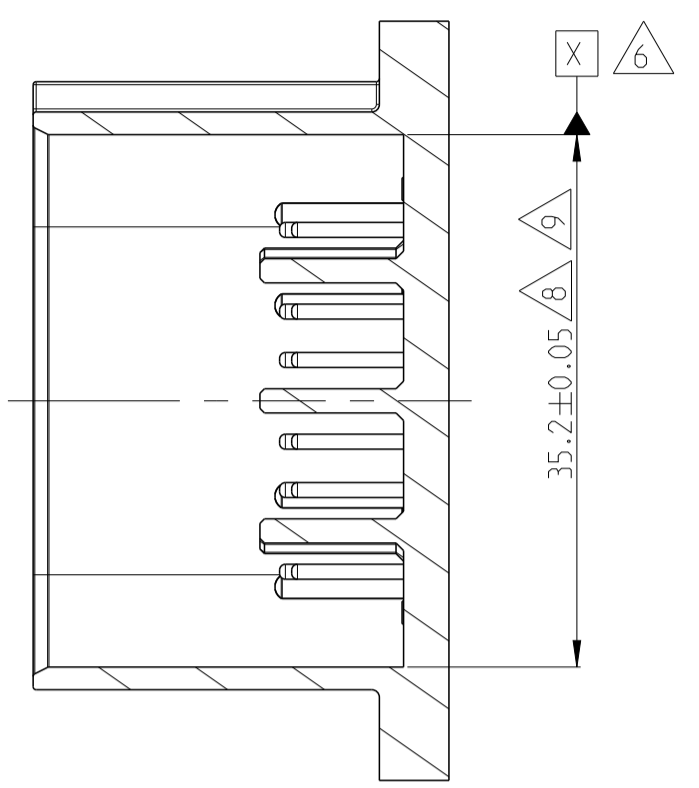
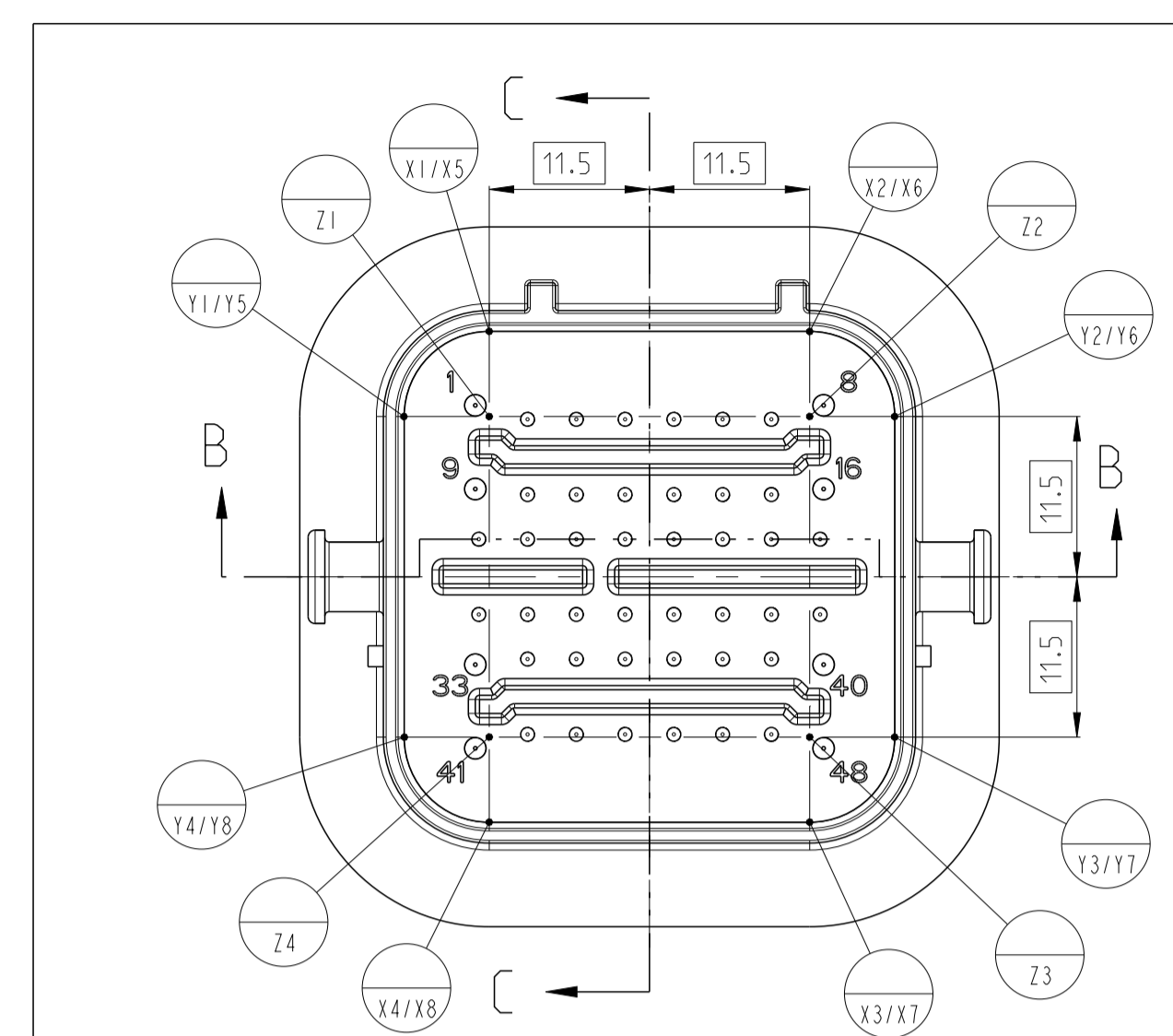
AS SHOWN CODE A
VERSION "SIZE 20 PIN WITH DIFFERENT HEIGHT"



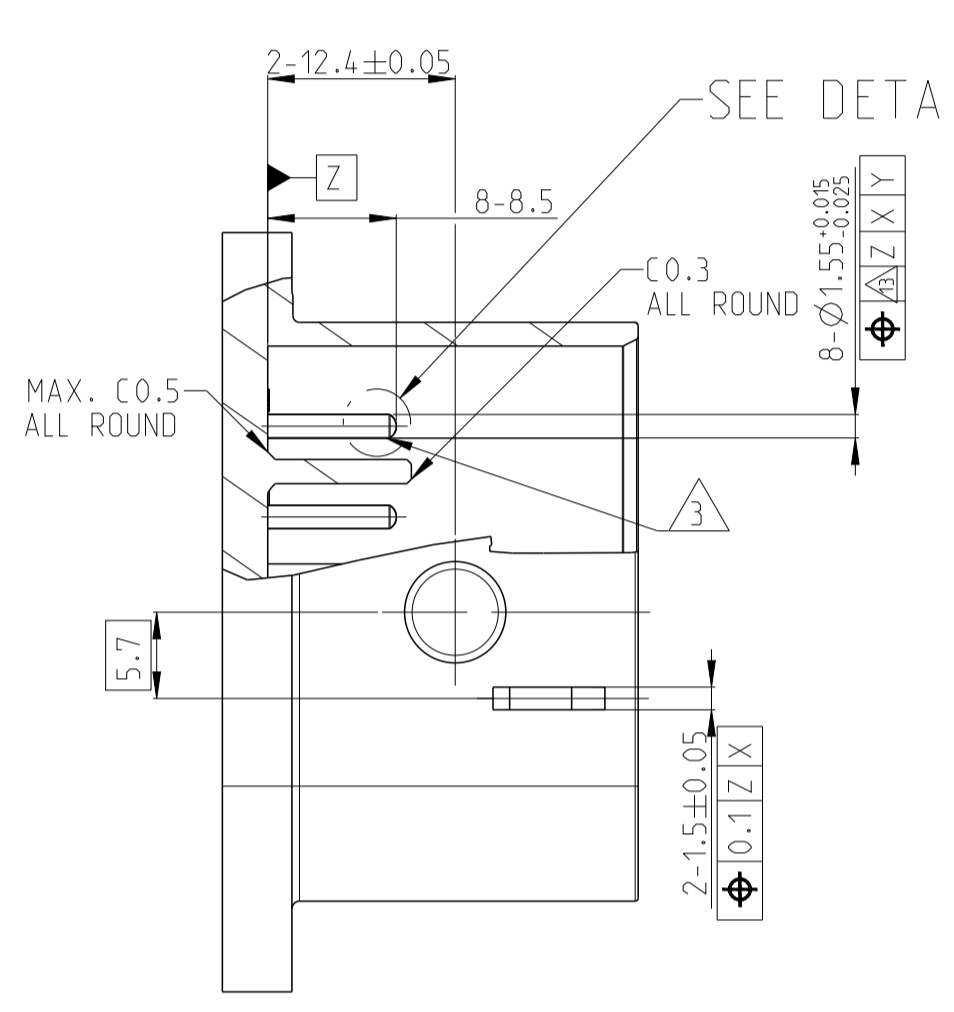
DETAIL D
SCALE 4:1



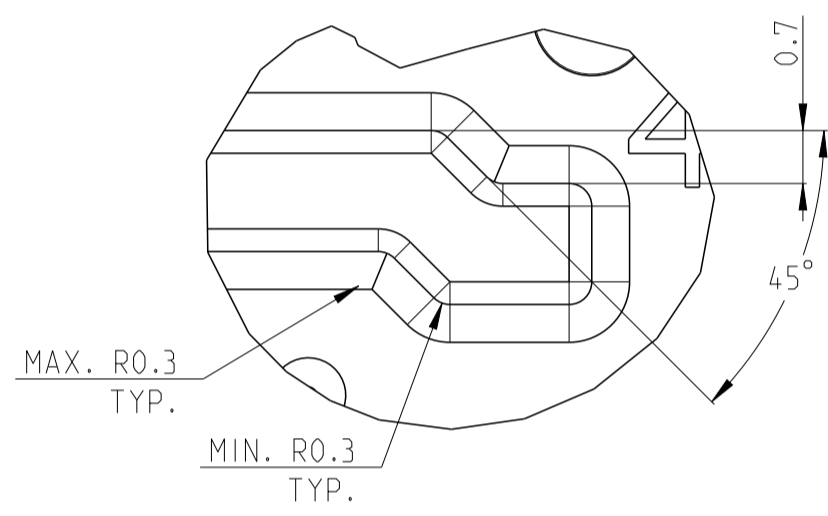
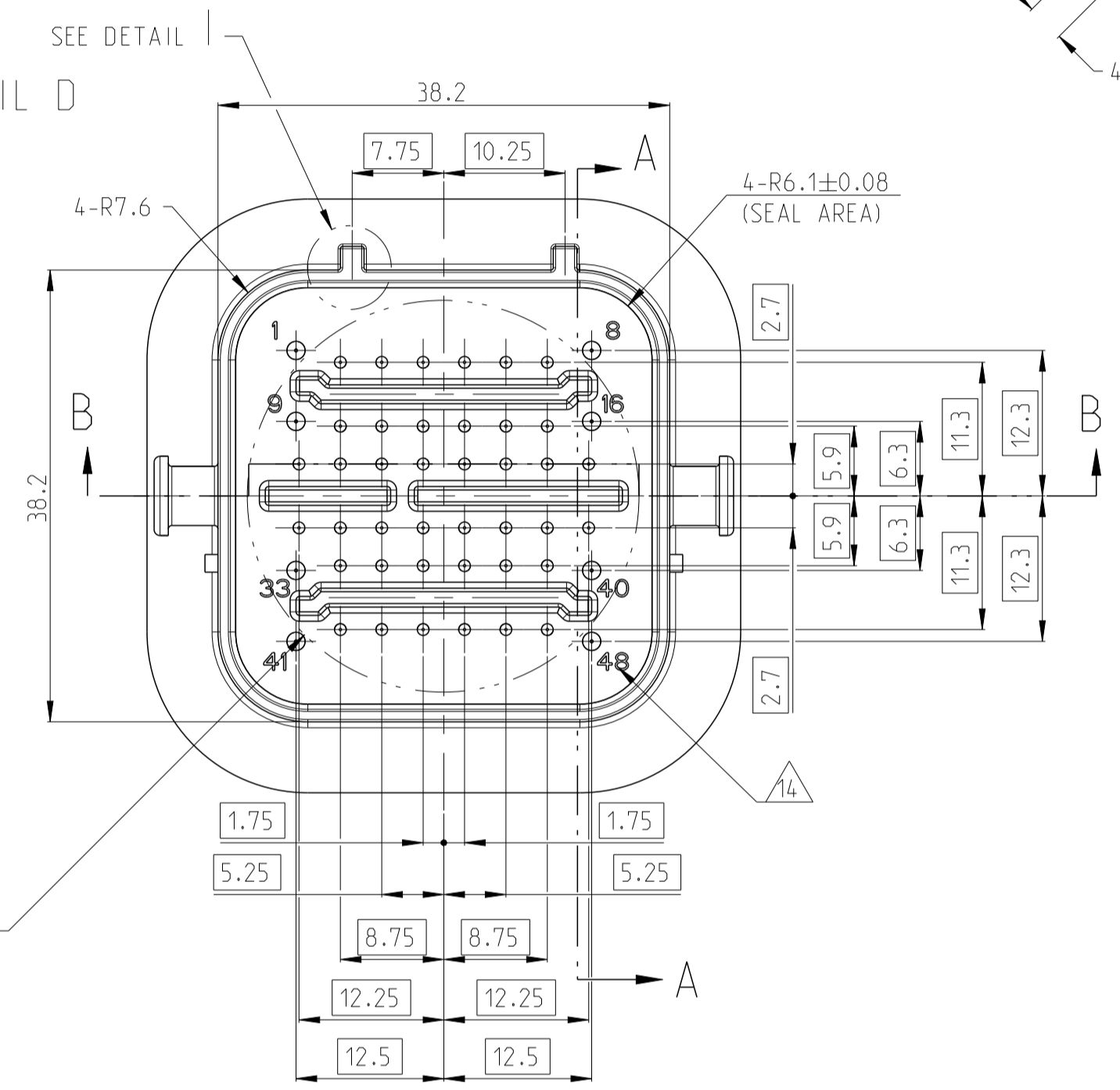
DETAIL F
SCALE 4:1



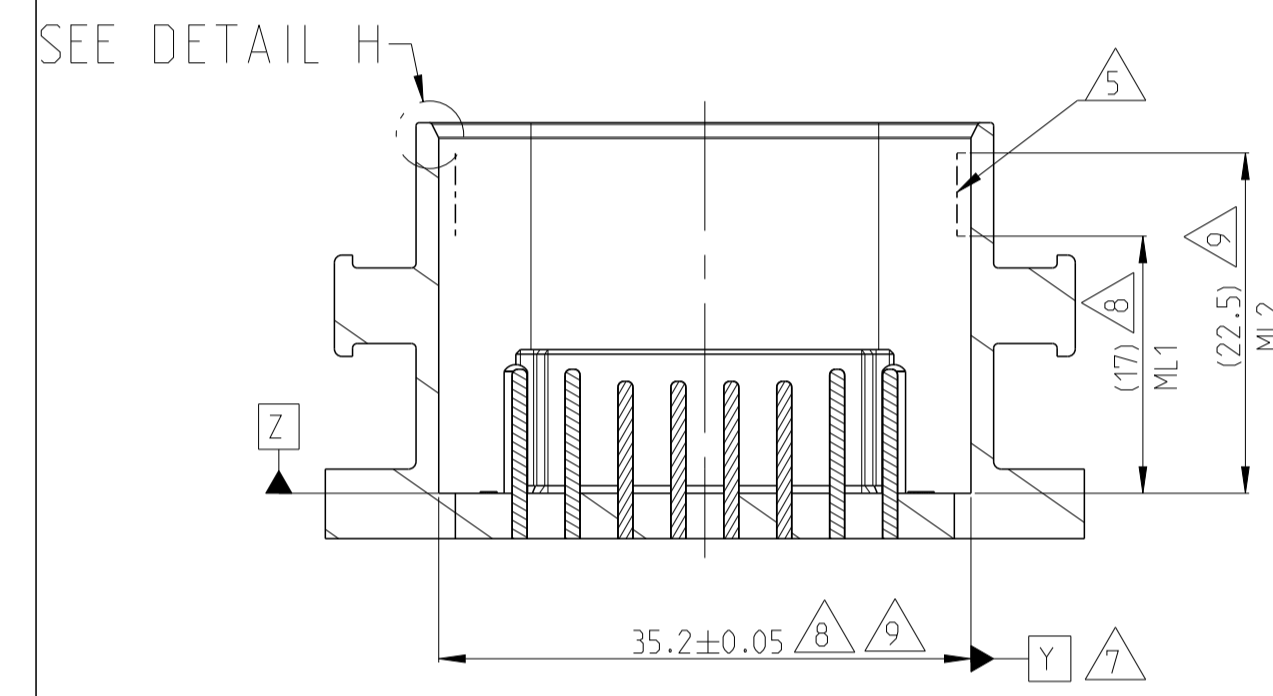
SECTION C-C



SECTION A-A

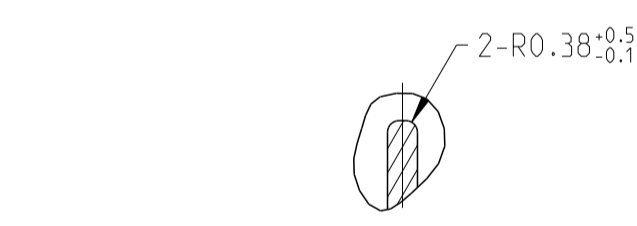


DETAIL G
SCALE 10:1

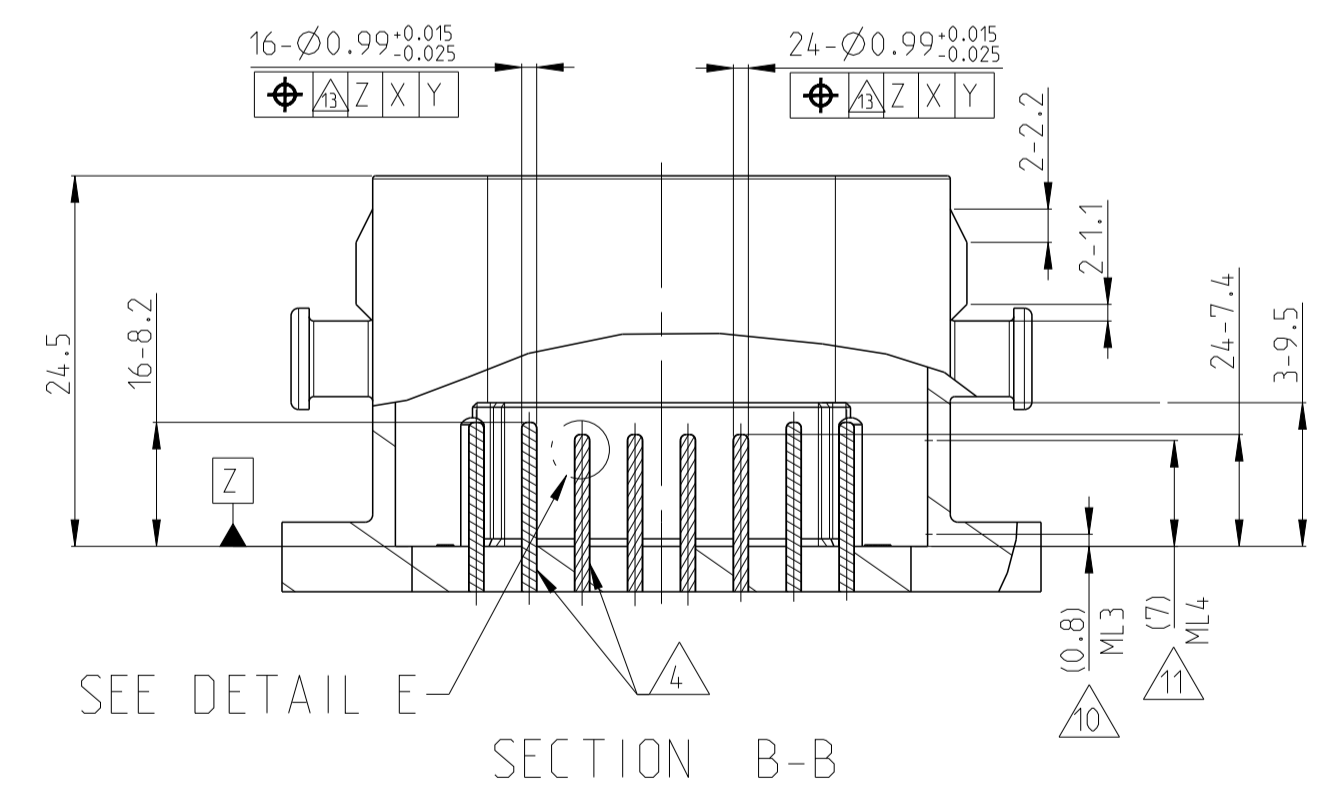


SECTION B-B

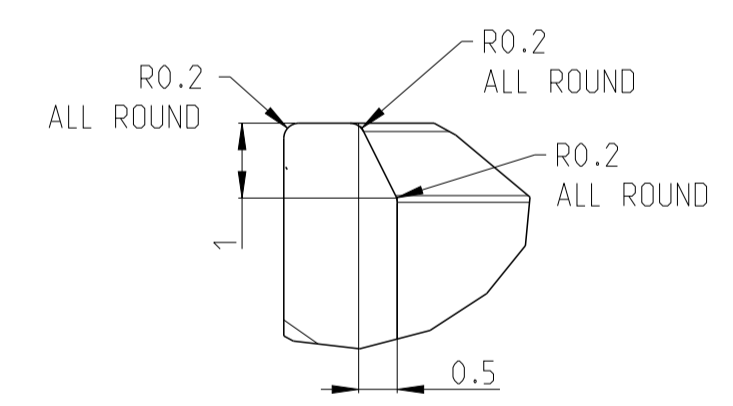
DIAGRAM OF SEAL AREA AND MEASUREMENT POINTS



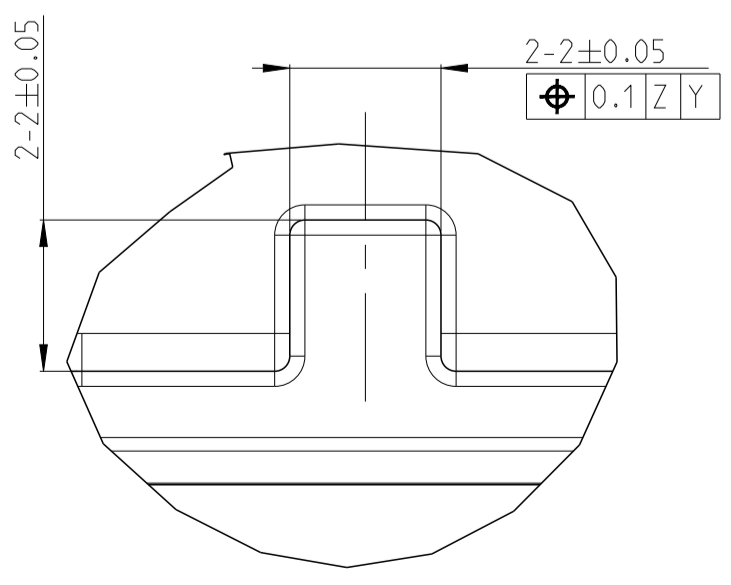
DETAIL E
SCALE 4:1



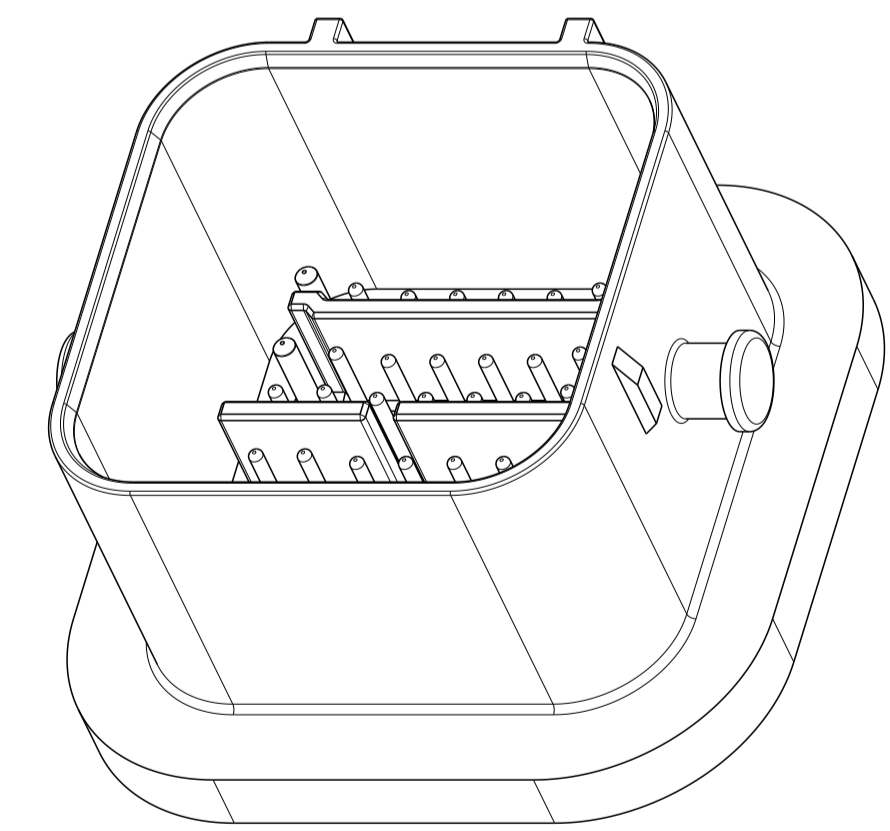
SECTION B-B



DETAIL H
SCALE 10:1

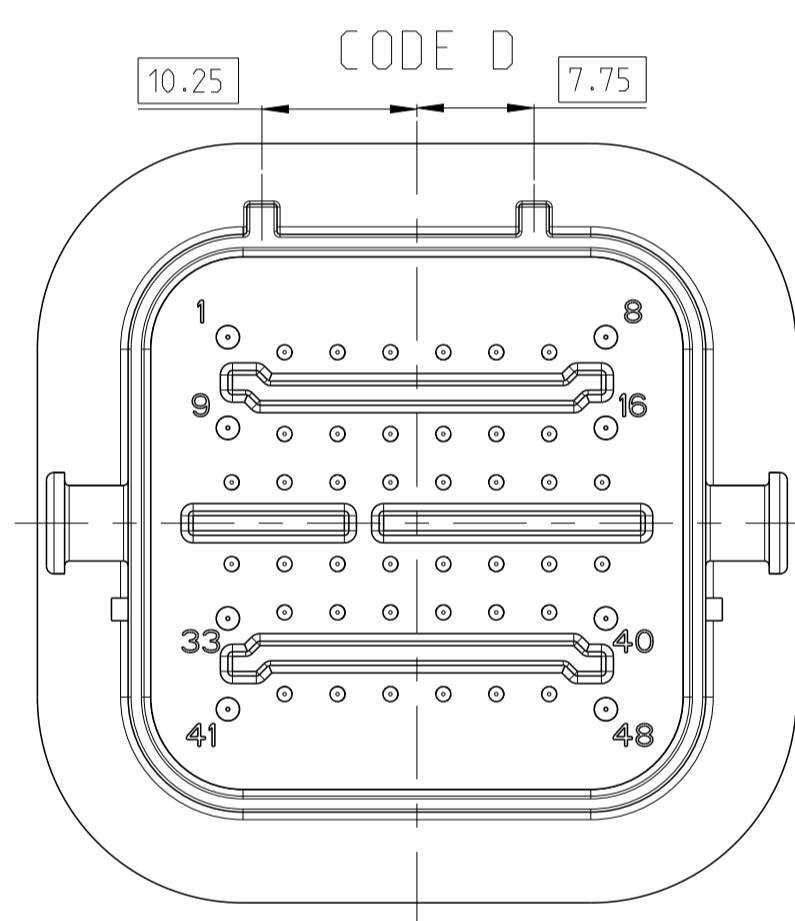
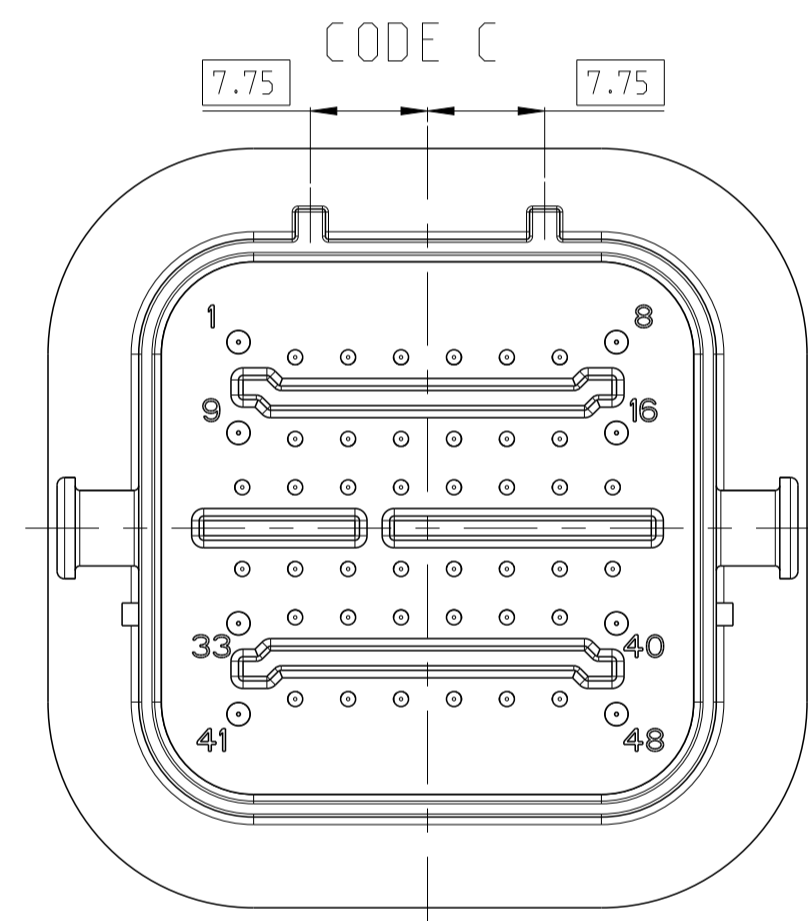
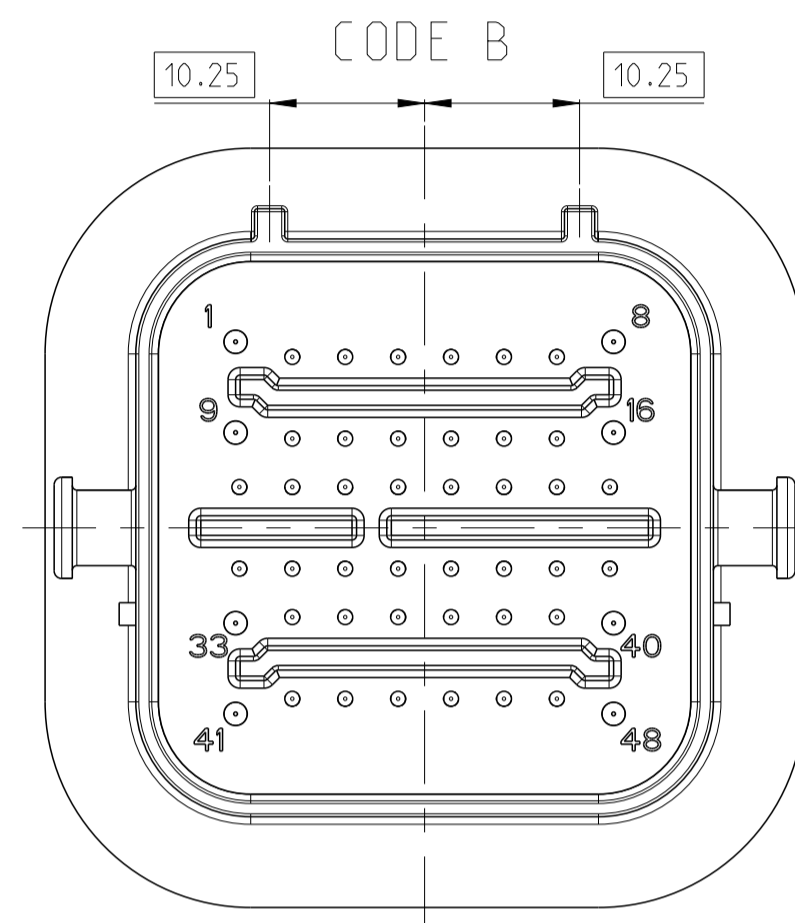
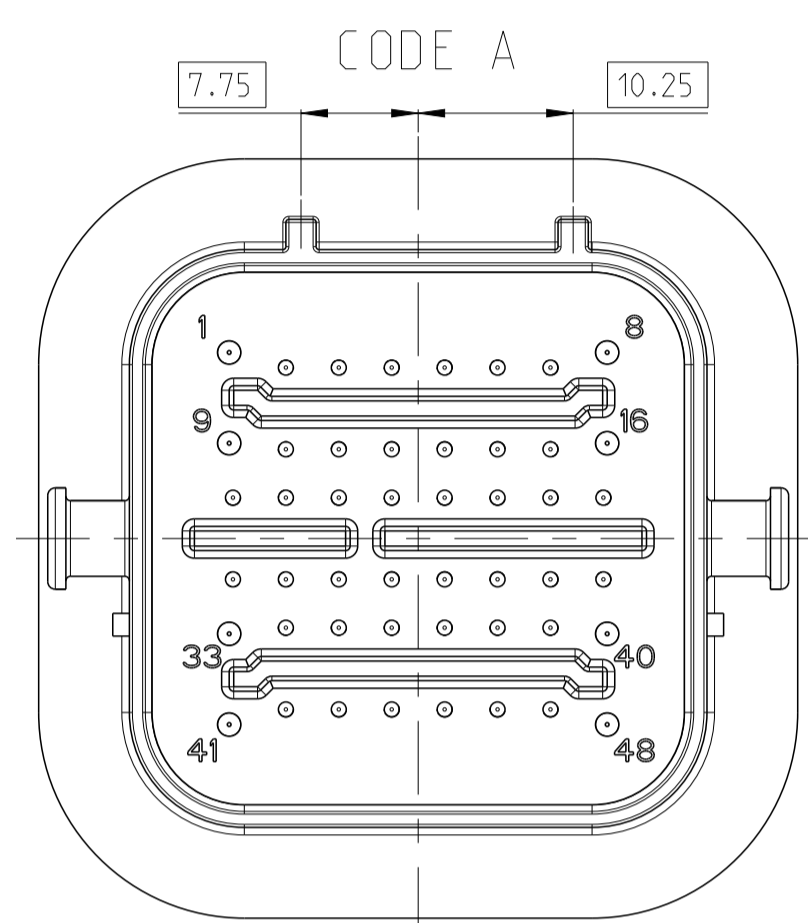


DETAIL I
SCALE 10:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: L.GAO 11APR2022	
DIMENSIONS: mm		CHK: C.W AN 12APR2022	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Z.ZHOU 12APR2022	NAME: INTERFACE DRAWING NTS 48P HYBRID CONNECTOR
0 PLC	±0.15	PRODUCT SPEC	SIZE: -
1 PLC	±0.1	108-101662	CAGE CODE: -
2 PLC	±0.05	APPLICATION SPEC	DRAWING NO: -
3 PLC	±	114-32209	RESTRICTED TO: -
4 PLC	±	WEIGHT: -	SCALE: 2:1
ANGLES	±	CUSTOMER DRAWING	SHEET 1 OF 2
FINISH	-		REV A

REVISIONS				
P	LTN	DESCRIPTION	DATE	APVD
		SEE SHEET 1		



NOTES:

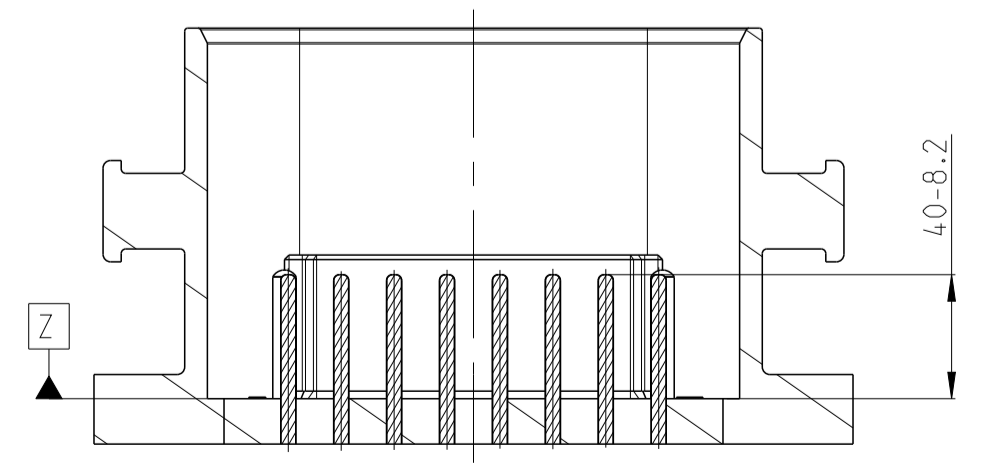
1. THERE ARE TWO VERSIONS OF THE INTERFACE. THE ONLY DIFFERENCE IS ALL THE SIZE 20 PINS WITH SAME HEIGHT IN ONE VERSION AND WITH DIFFERENT HEIGHT IN ANOTHER VERSION.
 (1) THE VERSION "SIZE 20 PINS WITH DIFFERENT HEIGHT" IS SIMILAR WITH THE WAY NTS 48P RECEPTACLE DESIGNED AND THE MATING FORCE FOLLOWS SAE J2030 STANDARD EXCEPT AFFECTION OF HEADER PIN MANUFACTURING TECHNIQUE AND PLATING SPECIFICATION DIFFERENCE;
 (2) THE VERSION "ALL THE SIZE 20 PINS WITH SAME HEIGHT" HAS A BIGGER MATING FORCE AND IT MAYBE ABOVE THE VALUE SPECIFIED IN SAE J2030 STANDARD AT EXTREME CASES.

PLEASE CHOOSE THE CORRESPONDING VERSION ACCORDING TO APPLICATION.

2. TOLERANCE SPECIFICATION REFER TO TITLE BLOCK.

- ③ SIZE 20 PIN
- ④ SIZE 16 PIN
- ⑤ PARTING LINE AND OTHER DEFFECTS ARE NOT PERMITTED IN THE SEAL AREA, TOOLING SHOULD BE POLISHED IN THIS AREA.
- ⑥ DATUM X IS CREATED THROUGH THE MEASURING LEVELS ML1 (X1-X4) AND ML2 (X5-X8).
- ⑦ DATUM Y IS CREATED THROUGH THE MEASURING LEVELS ML1 (Y1-Y4) AND ML2 (Y5-Y8).
- ⑧ MEASURING LEVEL 1 (ML1)
- ⑨ MEASURING LEVEL 2 (ML2)
- ⑩ MEASURING LEVEL 3 (ML3)
- ⑪ MEASURING LEVEL 4 (ML4)
- 12. DATUM POINTS ARE MEASURING POINTS.
- ⑬ LINEAR INCREASING FROM $\varnothing 0.1\text{MM}$ AT THE LEVEL OF ML3 UP TO $\varnothing 0.2\text{MM}$ AT THE LEVEL OF ML4
- ⑭ PIN NUMBERING.

VERSION "SIZE 20 PIN WITH SAME HEIGHT"



SECTION B-B

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: L.GAO 11APR2022	
DIMENSIONS: mm		CHK: C.W.AN 12APR2022	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: Z.ZHOU 12APR2022	NAME: INTERFACE DRAWING NTS 48P HYBRID CONNECTOR
0 PLC ± 0.15	1 PLC ± 0.1	PRODUCT SPEC: 108-101662	SIZE: A
2 PLC ± 0.05	3 PLC ± 0.05	APPLICATION SPEC: 114-32209	CAGE CODE: 00779
4 PLC \pm	ANGLES \pm	FINISH \pm	DRAWING NO: 114-160317
MATERIAL: -	WEIGHT: -	CUSTOMER DRAWING	RESTRICTED TO: -
SCALE: 2:1			SHEET: 2 OF 2
REV: A			