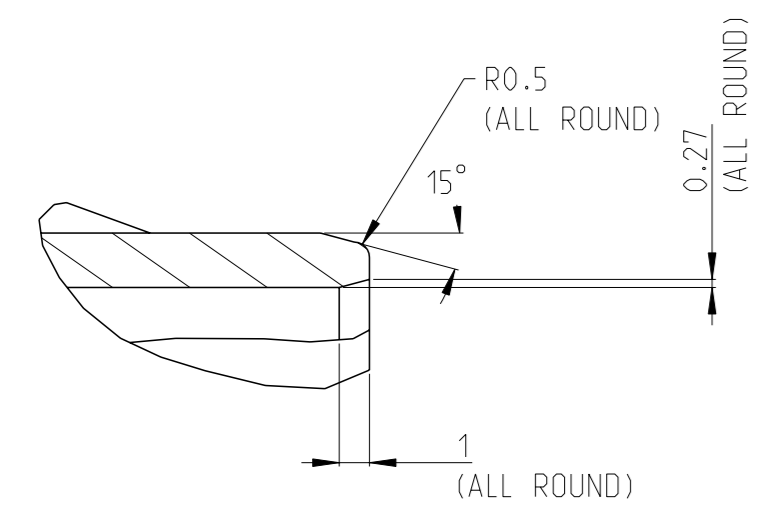
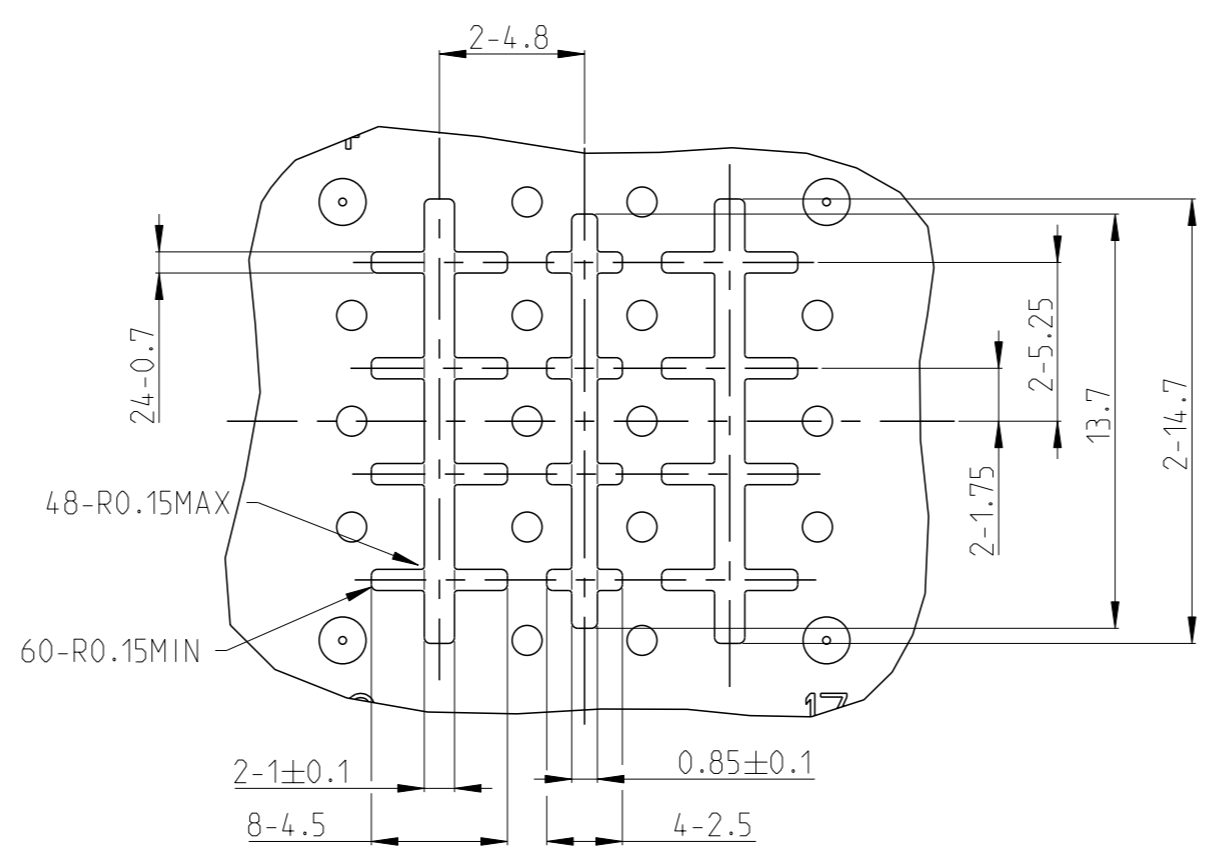
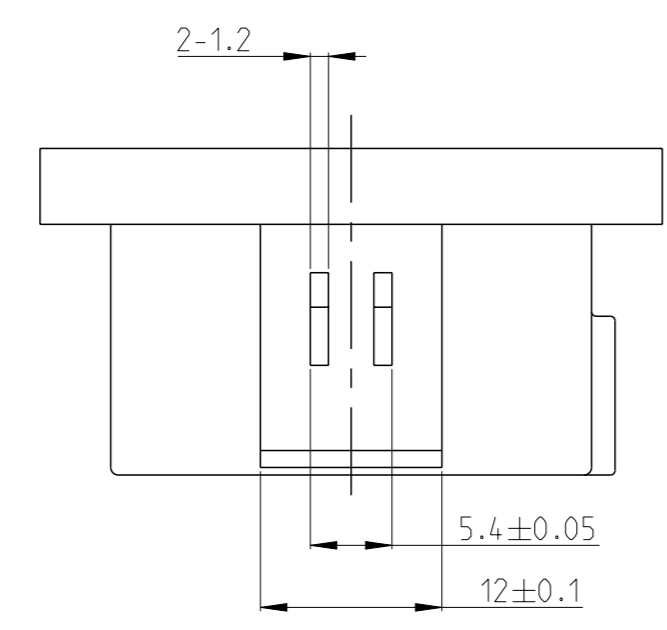


AS SHOWN CODE A
SIZE 20 PIN WITH DIFFERENT HEIGHT VERSION

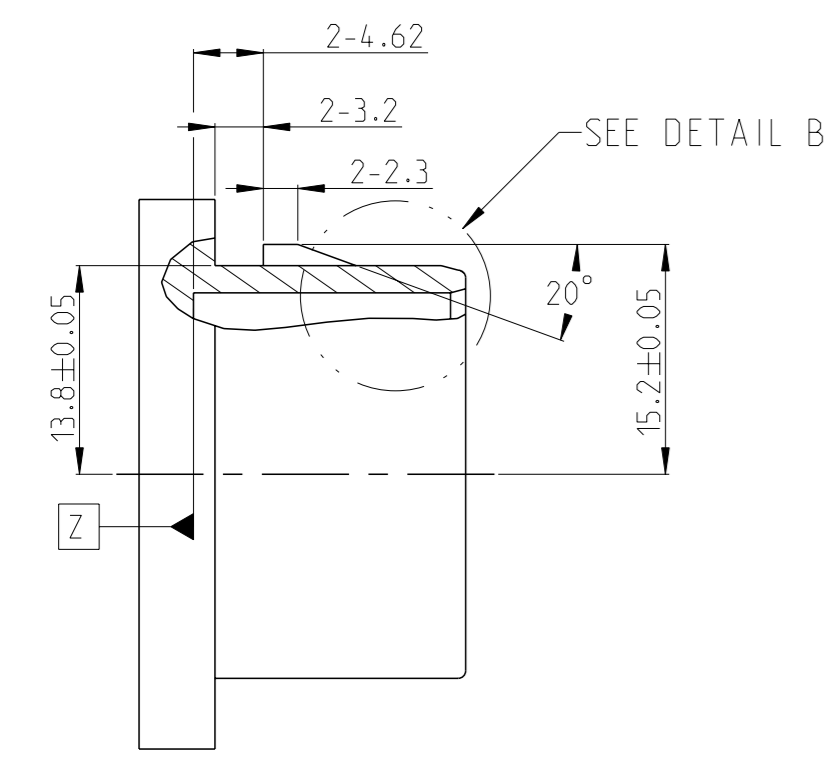
REVISIONS				
P	LY#	DESCRIPTION	DATE	OWN APVD
A1		SEE ECR-21-004150	08APR2021	L.G I.Y



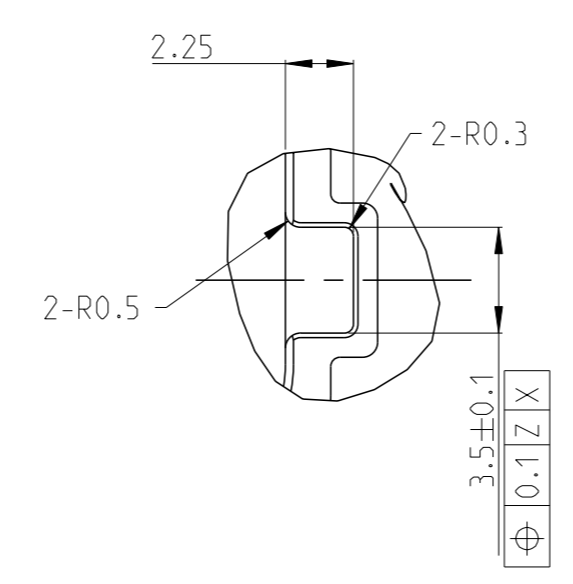
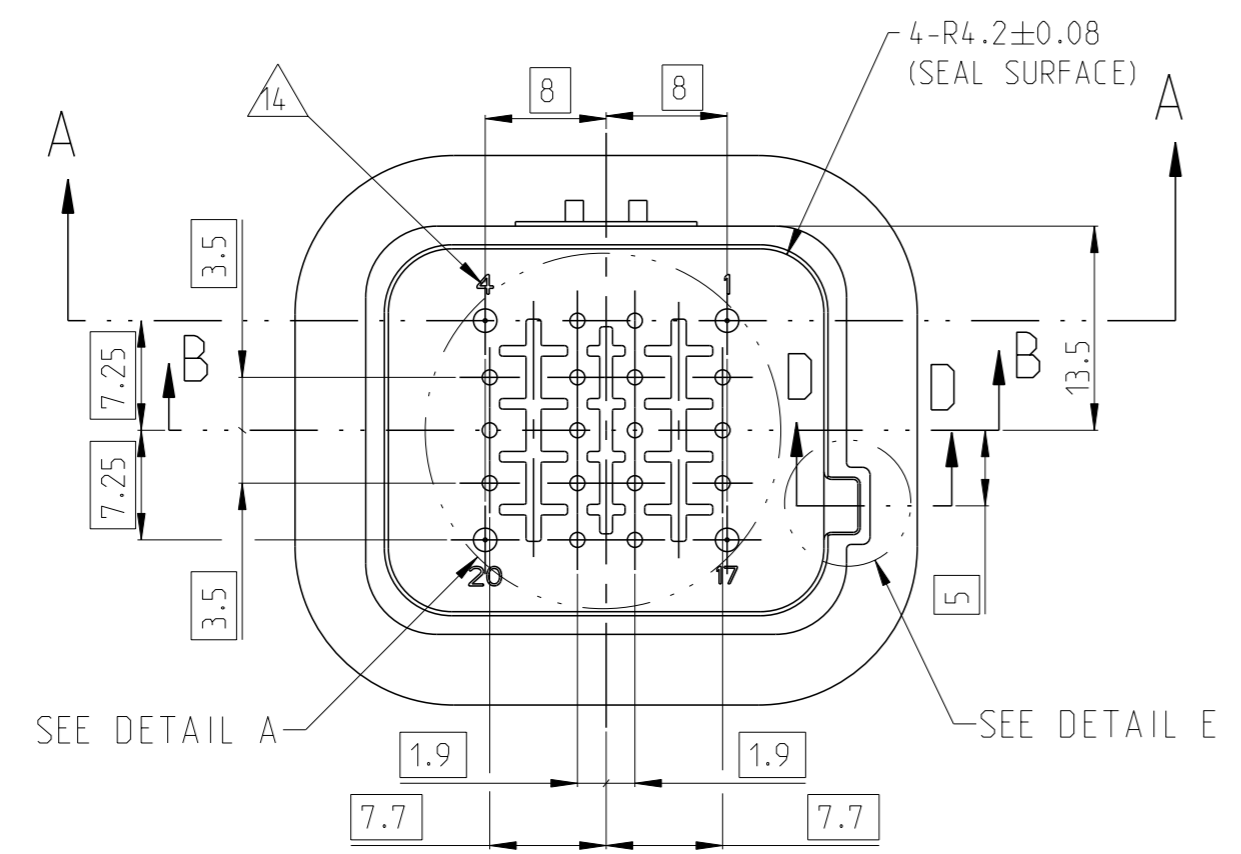
DETAIL B
SCALE 4:1



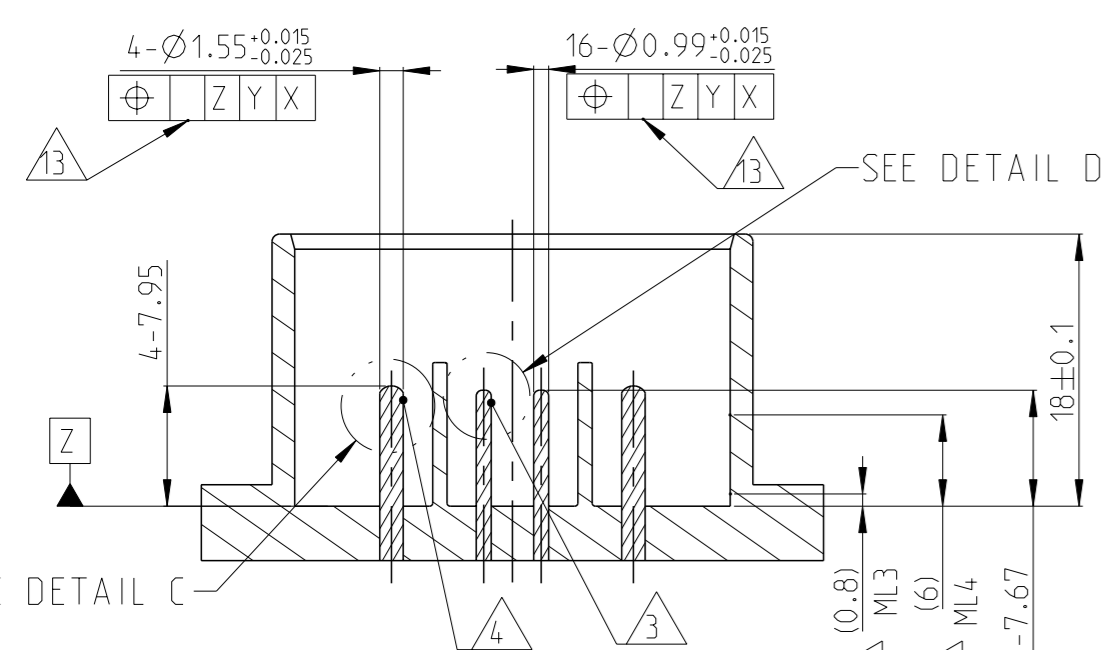
DETAIL A
SCALE 4:1



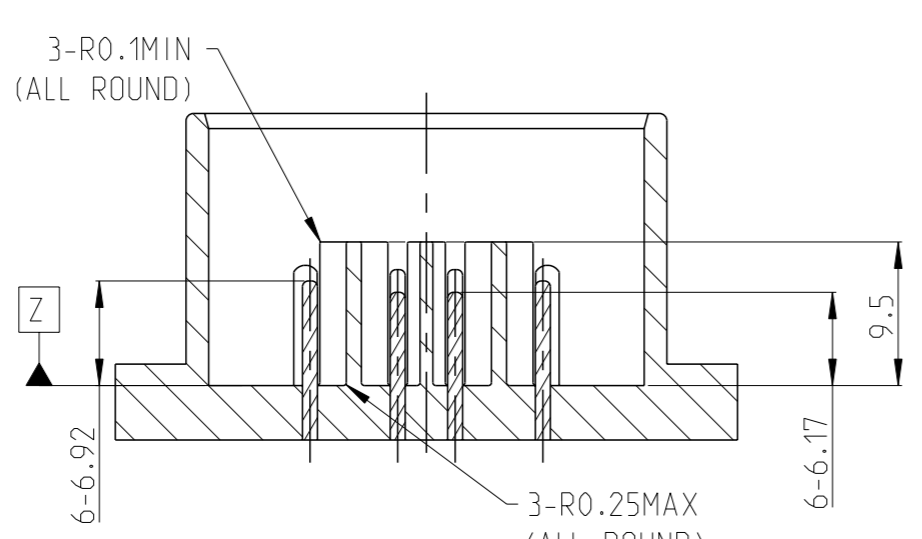
SECTION C-C



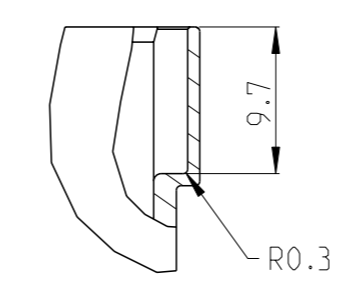
DETAIL E
SCALE 4:1



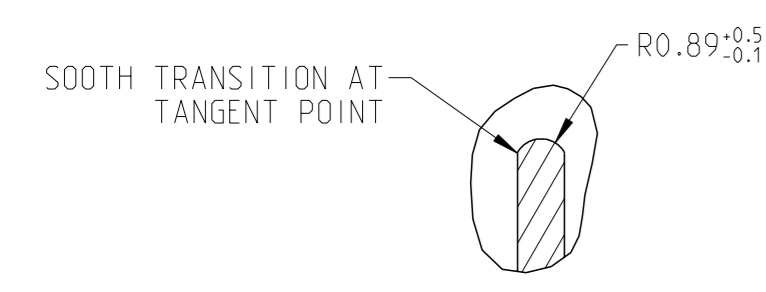
SECTION A-A



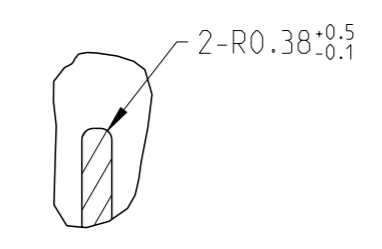
SECTION B-B



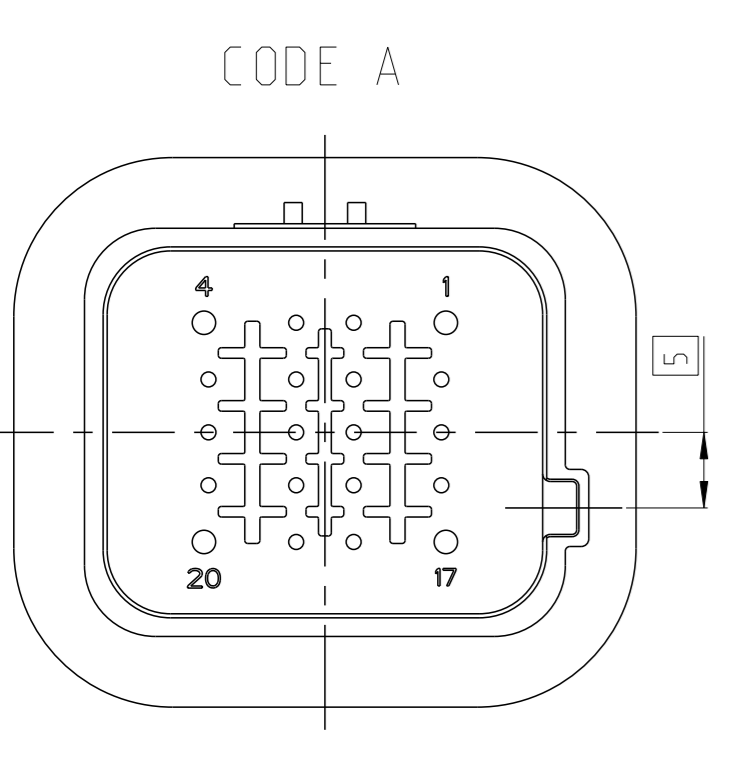
SECTION D-D



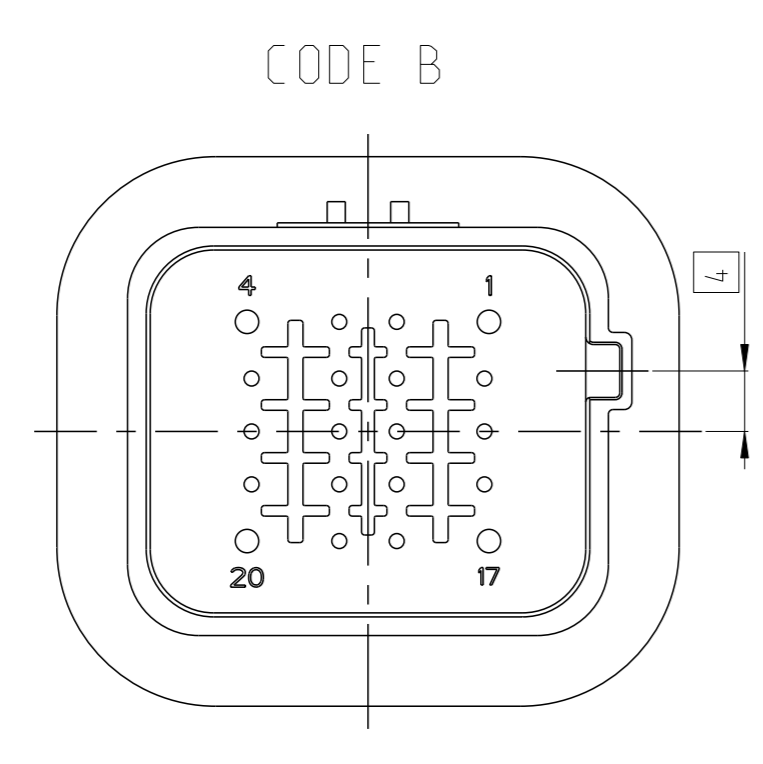
DETAIL C
SCALE 4:1



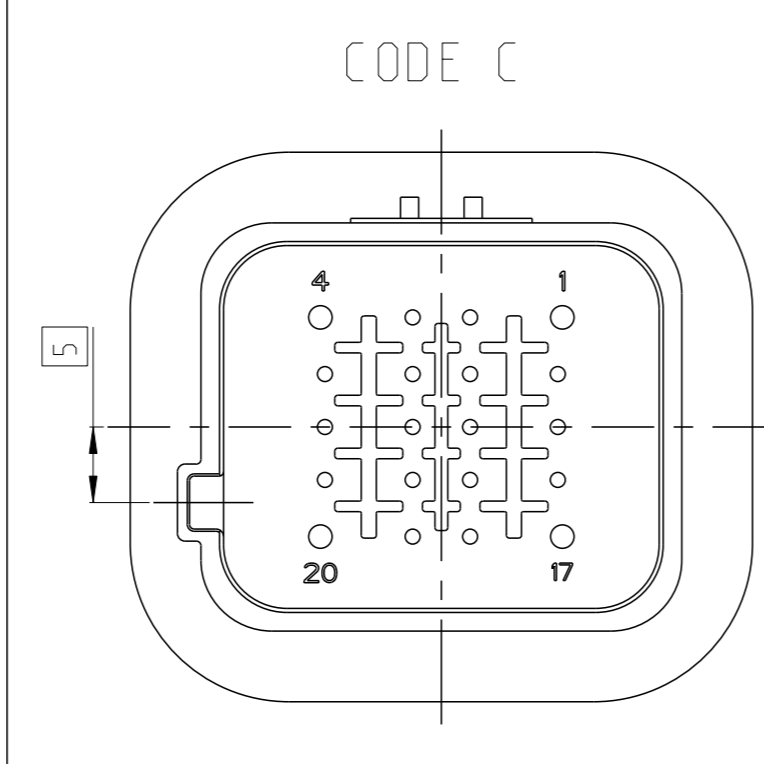
DETAIL D
SCALE 4:1



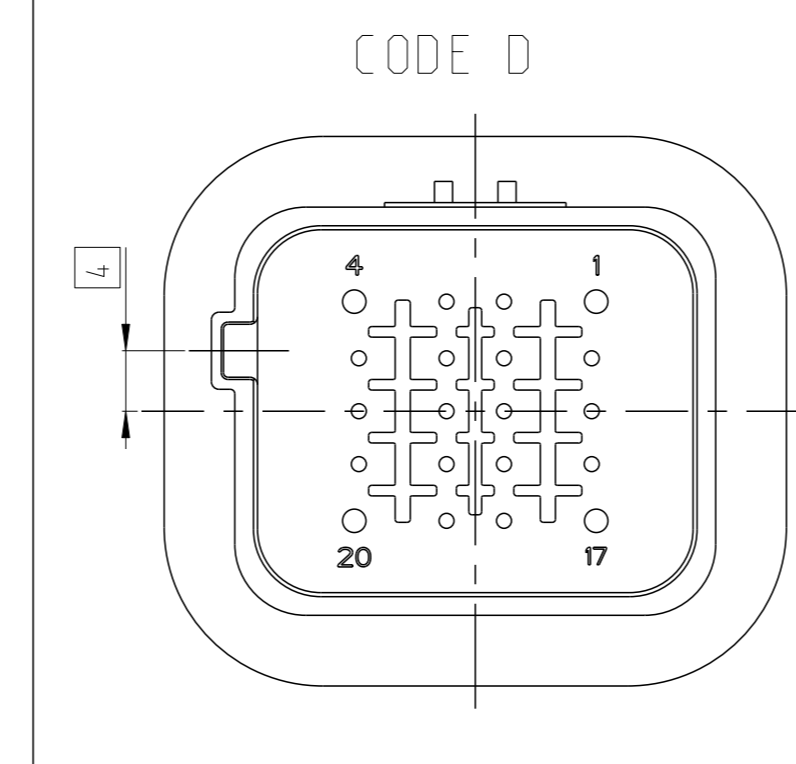
CODE A



CODE B

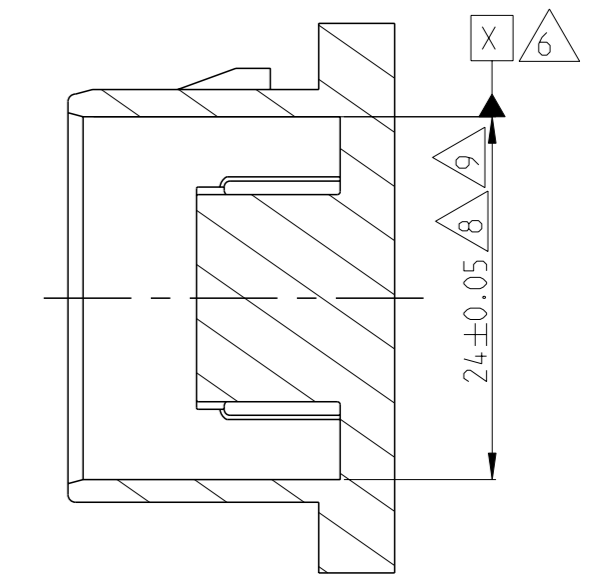
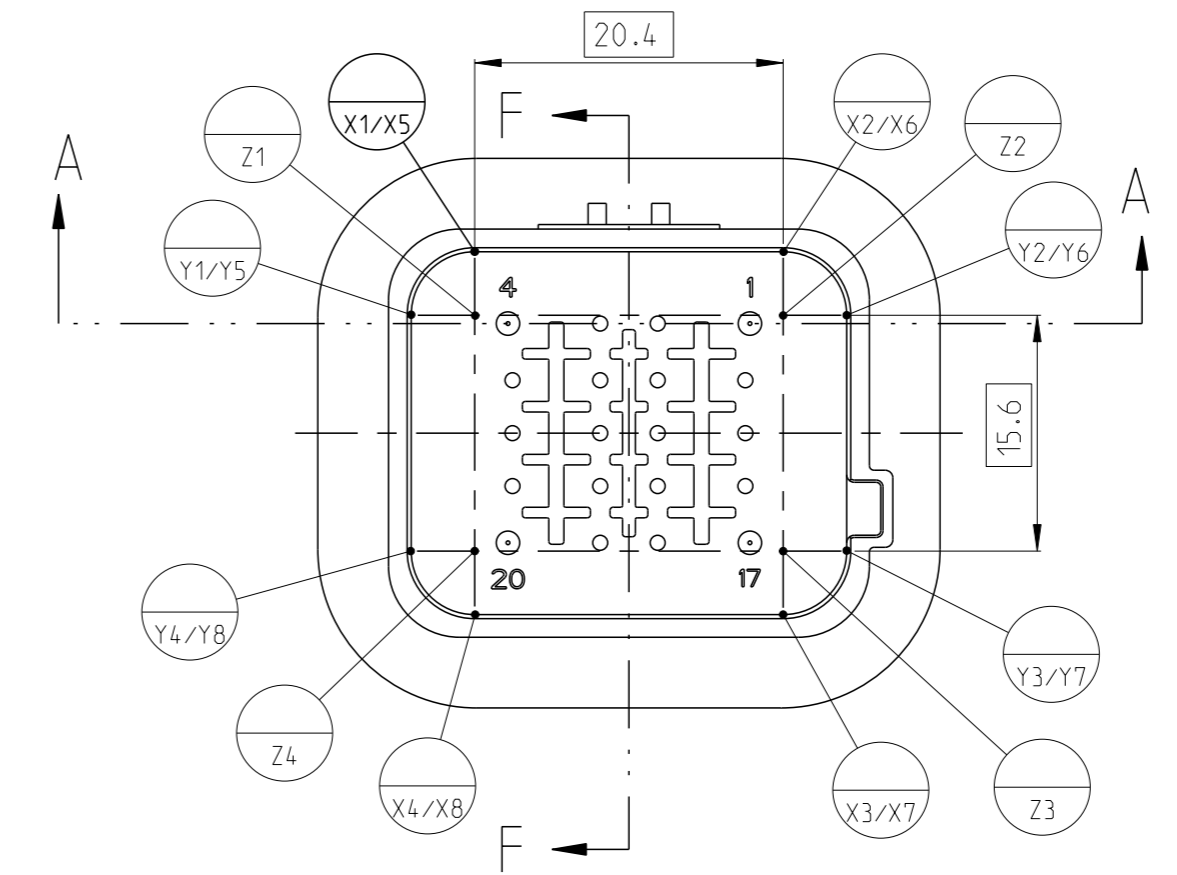


CODE C

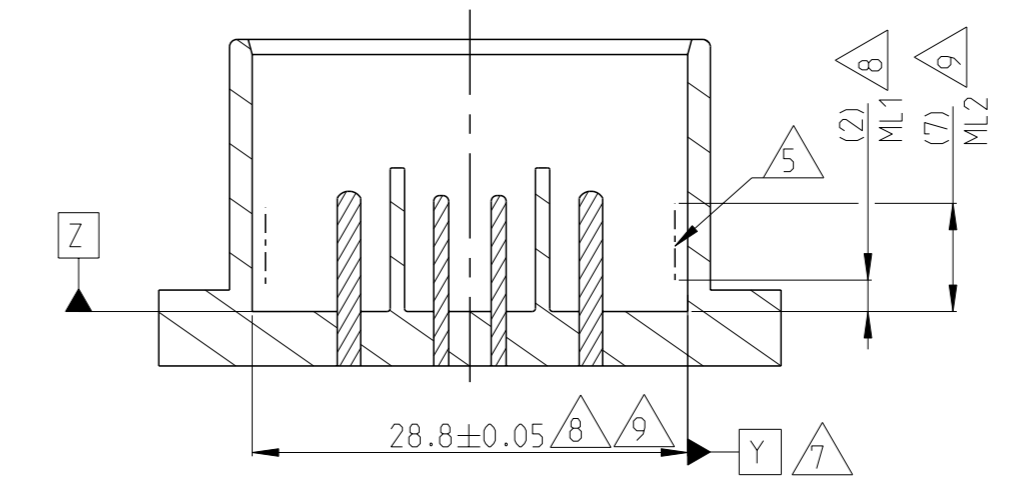


CODE D

DIAGRAM OF SEAL AREA AND MEASUREMENT POINTS



SECTION F-F

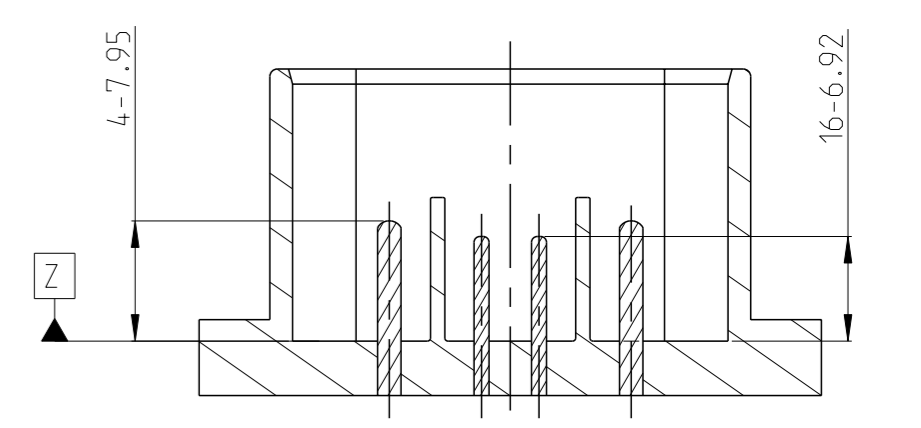


SECTION A-A

NOTES:

- A1 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 20P RECEPTACLE DESIGNED AND THE MATING FORCE FOLLOWS SAE J2030 STANDARD EXCEPT AFFECT 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 VERSION ACCORDING THE 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 ∅0.1MM AT THE LEVEL OF ML3 UP TO ∅0.2MM AT THE LEVEL OF ML4
- 14 PIN NUMBERING.

SIZE 20 PIN WITH SAME HEIGHT VERSION



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN L.GAQ 26FEB2021	
DIMENSIONS: mm		CHK C.WAN 26FEB2021	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD I.YIN 01MAR2021	NAME INTERFACE OF NTS 20P HYBRID CONNECTOR
0 PLC ±		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO
1 PLC ±0.1		108-101662	RESTRICTED TO
2 PLC ±0.05		APPLICATION SPEC	A 00779 ©=114-160107
3 PLC ±		114-32209	SCALE 2:1 SHEET 1 OF 1 REV A1
4 PLC ±		WEIGHT	
ANGLES		FINISH	
MATERIAL		CUSTOMER DRAWING	